

DON'T BANK ON THE BOMB

A Global Report on the Financing of Nuclear Weapons Producers



October 2014



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PAX strives to achieve the highest level of accuracy in reporting. However, at this point, there is still a marked lack of official information available in the public domain about the use, production, transfer and stockpiling of nuclear weapons, as well as about investments in companies that produce nuclear weapons. The information in this report therefore reflects official information available in the public domain known to PAX. We welcome comments, clarifications, and corrections from governments, companies, financial institutions and others, in the spirit of dialogue, and in the common search for accurate and reliable information. If you believe you have found an inaccuracy in our report, or if you can provide additional information, please contact us: snyder@paxforpeace.nl or vanderzeijden@paxforpeace.nl

Principal Authors

Susi Snyder (PAX, the Netherlands) & Wilbert van der Zeijden (PAX, the Netherlands)

Research by

Susi Snyder (PAX, the Netherlands)
Wilbert van der Zeijden (PAX, the Netherlands)
Suzanne Oosterwijk (PAX, the Netherlands)
Barbara Kuepper (Profundo, the Netherlands)
Michel Riemersma (Profundo, the Netherlands)
Joeri de Wilde (Profundo, the Netherlands)
Merel van Sommeren (Profundo, the Netherlands)
Ward Warmerdam (Profundo, the Netherlands)
Jan Willem van Gelder (Profundo, the Netherlands)

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About PAX

PAX means peace. Together with people in conflict areas and concerned citizens worldwide, PAX works to build just and peaceful societies across the globe. PAX brings together people who have the courage to stand for peace. Everyone who believes in peace can contribute. We believe that all these steps, whether small or large, truly matter and will contribute to a just and peaceful world.

About ICAN

ICAN is a global campaign coalition working to mobilize people in all countries to inspire, persuade and pressure their governments to initiate and support negotiations for a treaty banning nuclear weapons. ICAN is comprised of more than 300 partner organisations in over 90 countries. More information about ICAN can be found at: www.ICANw.org

About Profundo

Profundo is an economic research consultancy analysing commodity chains, financial institutions and corporate social responsibility issues. It works predominantly for environmental, human rights and development organisations in the Netherlands and abroad. www.profundo.nl

More information can be found at : www.DontBankontheBomb.com

Introduction

Almost seventy years after the invention of nuclear weapons over 16,000 remain in the arsenals of nine countries.¹ These nine - China, France, India, Israel, North Korea (Democratic People's Republic of Korea), Pakistan, Russia, the UK and US, are planning to spend a staggering USD 100,000,000,000 or USD 100 billion per year to upgrade and maintain their arsenals.²

Just over one year ago, on 26 September 2013, the UN General Assembly held its first ever High Level Meeting to talk about nuclear weapons. Heads of State and Government from around the world spoke of the urgent need to outlaw and eliminate these weapons. Austria's Federal President, Heinz Fischer said clearly "*Nuclear weapons should be stigmatized, banned and eliminated before they abolish us.*"

This report demonstrates the growing global stigma around nuclear weapons. It profiles eight financial institutions that have already banned investments in nuclear weapons producers. These banks, pension funds and insurance companies are ready for a ban on nuclear weapons. The report also profiles another 27 financial institutions that have taken steps to stigmatise investments in nuclear weapons producers but have not yet fully divested. And, of course, the report names those financial institutions that still invest in companies that produces these weapons of mass destruction.

All of the nuclear armed countries involve government agencies in the maintenance and modernisation of their arsenals, but some countries also hire private companies to do some of that work. This report shows 28 companies heavily involved in maintaining and modernising the nuclear arsenals in France, India, Israel, the United Kingdom and the United States.

In the last few years there is a growing global understanding of the catastrophic humanitarian consequences of any use of nuclear weapons. An exchange of only 100 weapons could have catastrophic climatic consequences putting two billion of the world's most vulnerable people at risk of famine. This has reinforced the global taboo against use, but there remains a gap in international law wherein these weapons are not yet clearly illegal. Despite the books and studies that tell terrifying tales of accidents and near-misses, funds are allocated not for disarmament but for modernisation. Only those who possess nuclear arsenals can dismantle them, but the incentive to do so can be brought by others, including through negotiations on a treaty to ban nuclear weapons.

A ban treaty could be negotiated now, even without the participation of the nuclear armed states. It would clarify any questions about the legality of nuclear weapons, and could outlaw the use, development, production, stockpiling, transfer, acquisition, deployment, and financing of nuclear weapons, as well as assistance with these acts under any circumstances. History shows that such international prohibitions establish and codify norms among states to regard inhumane weapons as illegitimate. They lose their political status, and so do not continue attracting money and resources to be invested in their production, modernisation, proliferation, and perpetuation.

Don't Bank on the Bomb provides the information needed for anyone who wants to make sure their money does not support nuclear weapons. By providing information on the companies involved, the financial institutions investing and more, this report is a tool to assist with the stigmatisation of nuclear weapons facilitating their outlaw and elimination.

¹ Hans Kristensen, "Status of World Nuclear Forces" <http://fas.org/issues/nuclear-weapons/status-world-nuclear-forces/>. Last accessed 12 August 2014.

² Bruce Blair, "World Nuke Spending to Top \$1 Trillion Per Decade," Time, 4 June 2011, www.battleland.blogs.time.com/2011/06/04/world-nuke-spending-to-top-1-trillion-per-decade/; also see Bruce G. Blair and Matthew A. Brown, Global Zero Cost Study, June 2011, [www.globalzero.org/files/scott/Global Zero Cost Study, June 2011.pdf](http://www.globalzero.org/files/scott/Global%20Zero%20Cost%20Study,%20June%202011.pdf)

About this report

The Don't Bank on the Bomb reports raise awareness about the private financing of nuclear weapons producers. The series of reports, first published in 2012, have generated extensive media coverage in many countries, most notably in Canada, Germany, Italy, the Netherlands and Sweden where prime time television and radio programmes were using the report to question named financial institutions. The report also helps campaigners approach financial institutions to discuss the implications of their investment policies.

The 2013 report also inspired several financial institutions to revisit their investment policies to get out of the 'Hall of Shame' or into the 'Hall of Fame'. We hope, with this year's report, to further strengthen that trend and welcome all feedback or requests for information and advice.

Methodology

Research

The research on financial institutions and financial transactions for this report was commissioned by PAX to the Dutch economic research consultancy Profundo. Profundo is an economic research consultancy analysing commodity chains, financial institutions and corporate social responsibility issues. All research was done between March and September 2014. Profundo provided factual data including profiles of nuclear weapon producers and financial institutions and all raw data on transactions and investments. PAX is responsible for the interpretations of these data in this report.

Nuclear weapon producers

The nuclear weapon producers listed in this report are involved directly in the development, testing, production or maintenance of nuclear weapons related technology, parts, products or services. The company's involvement is related to warheads, or to specifically designed nuclear capable delivery systems such as missiles. This includes 'dual use' (military and civilian) technology but excludes technology that is not specifically designed for, but can be adapted or configured for use in nuclear warfare. The list of 28 selected nuclear weapons companies in this report is not exhaustive. The companies identified in this report are based in France, Germany, India, Italy, the Netherlands, the United Kingdom and the United States.

Financial Institutions

The research done for this report identified a total of 411 financial institutions that were found to be substantively involved in financing the 28 selected nuclear weapons producing companies since January 2011.

The financial institutions can be banks, pension funds, asset managers, insurance companies and others. Substantive involvement is formulated for this report as: providing corporate loans, project finance or working capital facilities; underwriting share or bond issuances; and (managing) investments in shares and bonds of the 28 selected producing companies. For 'substantive' holdings of bonds and shares, a threshold was set of 0.5% of all outstanding holdings. As a result, all financial institutions with only bonds or share holdings below 0.5% involvement are excluded from this report. It is important to take note of the fact that this threshold excludes many institutions. And while it allows us to focus on the 411 substantively involved institutions, it also means that the aggregate holdings of all financial institutions world wide are much larger than what this report examines.

Investment Policies

In the research phase of this report 58 financial institutions were examined which may have a specific nuclear weapons policy. Of these, 35 are included in this report. Financial institutions with a clear and comprehensive nuclear weapons exclusion policy are included in the "Hall of Fame", while financial institutions whose nuclear weapons policy is less strict or clear are included in the "Runners-Up" category.

The Hall of Fame criteria are defined as follows:

- The financial institution has published its policy and/or a summary of it in English;
- The policy excludes investments in nuclear weapon companies (withdrawing past investments and avoiding future investments)
- The policy has an 'all-in' comprehensive scope:
 - no exceptions for any types of nuclear weapon companies
 - no exceptions for any types of activities by nuclear weapon companies
 - no exceptions for any type of financing or investment by the financial institution
- The financial institution does not currently finance or invest in any of the nuclear weapons producing companies identified in this report

The Hall of Fame criteria are strictly applied. No financial institution in the Hall of Fame has any financial involvement in any of the nuclear weapons producers identified in this report.

Runners-Up have a policy in place that does not meet all of the above criteria. The Runners-Up category is quite broad. It includes financial institutions with weak policies, and institutions with very strong policies that meet almost, but not all, of the Hall of Fame criteria. Because financial institutions in the Runner-Up category have policies in place that are not fully comprehensive, they can appear both in the Runners-Up chapter for discussion of their policy and in the Hall of Shame chapter for their financial involvements in the producers.

All of the financial institutions in the Hall of Fame and Runners-up were contacted in April and May 2014 to fill in a standardised questionnaire about their nuclear weapons investment policy. Clarifying questions were asked in June and July. Responses allowed us make final decisions about placement in the Hall of Fame or Runners-Up.

More background information, updates and news on nuclear weapons, the producers and their financiers can be found on the DontBankOnTheBomb.com website.

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Hall of Fame



ASN Bank (the Netherlands)
Banca Etica (Italy)
Folksam (Sweden)
Philips Pension Fund (the Netherlands)
PNO Media (the Netherlands)
SNS REAAL (the Netherlands)
Storebrand Group (Norway)
Triodos Bank (the Netherlands)

In this chapter, we examine financial institutions that have comprehensive policies preventing investments in nuclear weapon producers.

The financial institutions in this chapter all have publicly available policies – or summaries thereof – excluding investments in nuclear weapons companies. They actively withdraw from past investments and avoid future investments and their exclusion policies have an ‘all-in’ comprehensive scope applied at the highest (group) level. Since the banking group usually sets the investment policy and since the group directly or indirectly supervises its subsidiaries, we research the group policy.

These policies exclude investment in any type of:

- nuclear weapon associated companies
- activity (production, development, maintenance) by nuclear weapon associated companies
- financing or investment by the financial institution

The policies of 58 financial institutions were analysed for this report. We conclude that eight institutions deserve a place in the Hall of Fame.

Methodology

To identify financial institutions with a policy on nuclear weapons, we researched a variety of sources: NGO reports, screening-agency information, financial institutions' reports and websites, information from campaigners worldwide and other public sources. For practical reasons, the scope of this report is limited to those financial institutions that provide an English investment policy or a summary of that policy. The list of institutions in the Hall of Fame is therefore not exhaustive. We welcome additions from those able to provide them.

For the purposes of this report, nuclear weapon producers are defined as companies that produce key components to test, develop, maintain, modernise and deploy nuclear weapons. There are countless companies involved in the broad nuclear weapons complex, and this report only details those most heavily involved in the production and maintenance of nuclear warheads and their specifically designed delivery systems (such as missiles and launch tubes). The report does not include companies involved in the production of delivery platforms (such as nuclear capable bombers and submarines).

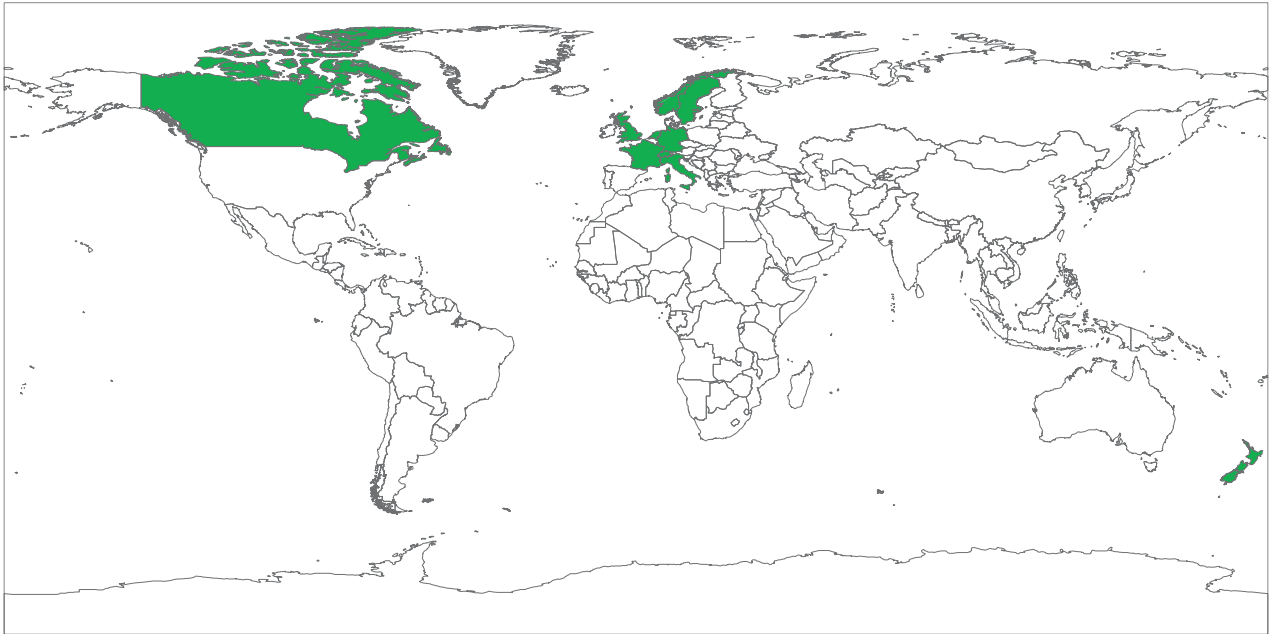
Financial institutions whose nuclear weapons policy does not meet all of the above criteria are included in the "Runners-Up" chapter. In advance of this report, all financial institutions were asked to fill in a standardised questionnaire with detailed questions on the scope and content of their nuclear weapons policies. Financial institutions that did not respond are not included.

Of the eight financial institutions listed in the Hall of Fame, three publish a list of companies that they exclude from their investment universe. The companies excluded are listed in the profiles of the financial institutions in this chapter as a resource. Three other financial institutions in the Hall of Fame work with an inclusion list rather than an exclusion list. Two others do not make their lists public.

Each financial institution profile in the Hall of Fame includes a brief description of the institution, a summary of key policy elements, and the exclusion list if applicable.

We researched investment in companies on our producers list for each of the financial institutions listed in the Hall of Fame. None of the financial institutions listed in the Hall of Fame invest in any of the 28 identified nuclear weapon producers

Mapping Financial Institution Policies



The map above illustrates the locations of financial institutions with policies related to nuclear weapons.

Changes from the 2013 report

This year we welcome one new financial institution into our Hall of Fame.

- **SNS Reaal (the Netherlands)**, one of the major Dutch bank insurance companies, further expanded the scope of its policy in 2013 and 2014.

We commend SNS Reaal for its decision to expand its policy to prevent the financing of nuclear weapon producers and we hope that SNS Reaal's policy will be an inspirational example to many more financial institutions.

We regret that five financial institutions that were in the 2013 Hall of Fame are not included this year.

- **Fonds de Compensation** (Luxembourg) and **Spoorwegpensioenfond** (the Netherlands) would qualify for the Hall of Fame this year based on their comprehensive exclusion policies. However, both funds were found to be investing in nuclear weapon associated companies. Both institutions are relegated to the Runners-Up.
- **New Zealand Superannuation Fund** (New Zealand) is relegated to the Runners-Up category as a new assessment revealed that the policy does not apply to companies trading in nuclear weapons and companies involved in specifically designed delivery systems.
- **KPA Pension (Sweden)** is now included in the Hall of Fame profile of its parent company, Folksam (Sweden). Folksam is 60% owner of KPA and Folksam's policies apply to all institutions in its group.
- **J. Safra Sarasin Bank** (Switzerland) is regrettably not included in the report at all this year. J. Safra Sarasin Bank is currently revising its ethical investment policies after a large institutional restructuring. The status of the old policies is unclear and at the time of writing it is equally unclear what the scope and content of the new policy will be.

The Hall of Fame

ASN Bank (Ethical bank, the Netherlands)

ASN Bank is the largest ethical bank in the Netherlands. It aims to promote a sustainable society by supporting and investing in socially responsible businesses and organisations.¹ In 2013, ASN Bank served more than 600,000 customers.²

ASN Bank's Issue Paper on Human Rights sets absolute criteria for the arms sector. Consequently, ASN Bank refrains from all funding and investments in companies that are involved in the development, manufacture, distribution of or trade in arms. For a precise definition of arms, ASN Bank refers to the Common Military List of the European Union.³ This extensive list of weapons includes radioactive materials that are "adapted for use in war" and result in human or animal casualties, degraded equipment or damaged crops or the environment.⁴

ASN Bank's exclusion policy applies to its commercial banking, investment banking and asset management activities, regardless of whether they are managed internally or by external asset managers.⁵

Instead of using an exclusion list, ASN Bank only invests in a company after a thorough examination of its activities and policies. The resulting 'inclusion list' is based on findings of data providers EIRIS and Sustainalytics, news reports and reports by civil society organisations.⁶ The list is published on the ASN Bank website. If a company is taken off the inclusion list, ASN will notify the company and publish the reason on its website.⁷

Website:	Twitter:	Facebook
https://www.asnbank.nl	@asnbank	https://www.facebook.com/asnbank

Banca Etica (Ethical bank, Italy)

Banca Etica is an Italian banking institution that operates exclusively in the field of sustainable and alternative finance.⁸ It manages savings from private customers, companies, organisations and institutions and invests in initiatives that pursue both social and economic goals.⁹ Banca Etica serves more than 30,000 private customers and nearly 6,000 organisations.¹⁰

Article 5 of Banca Etica's founding charter states that "*any and all financial relations with the economic activities that, even in an indirect manner, inhibit the human development and contribute to fundamental human rights violations are excluded.*"¹¹ Consequently, Banca Etica's annual report of 2012 states that the bank does not want to get involved with anything related to weapons.¹² This means that Banca Etica does not finance nuclear weapon producers or companies that are involved in nuclear weapons in any other way.¹³

In addition, asset manager Etica Sgr, which is part of Banca Etica's group, excludes investments in companies that develop, produce, maintain or trade nuclear weapons or delivery systems that are specifically designed for these weapons.¹⁴ Etica Sgr's external asset managers are also held to a policy that excludes nuclear, chemical and biological weapon producers from all funds.¹⁵ Etica Sgr and its external asset managers only operate actively managed funds.¹⁶

Instead of an exclusion list, Banca Etica makes use of an inclusion list of companies that ensure that their activities have a beneficial social and environmental impact.¹⁷ The list is not publicly available.

Website:	Twitter:
http://www.bancaetica.it/	@bancaetica

Folksam (Private, Sweden)

Folksam is a Swedish insurance company that offers a wide variety of insurance, savings and loan products. With about four million customers, it is one of Sweden's largest investment managers.¹⁸

Folksam excludes companies that are involved in the development, manufacture and maintenance of nuclear weapons or delivery systems designed for nuclear weapons, as well as companies trading in these weapons.¹⁹

The exclusion policy applies to all of Folksam's commercial banking and asset management activities, regardless of whether they are managed internally or by external asset managers.

Folksam's publicly available exclusion list features the following companies involved in nuclear weapons: BAE Systems, Boeing, Finmeccanica, Honeywell International, Jacobs Engineering, Northrop Grumman and Safran.²⁰

Folksam is 60% owner of KPA Pension which was listed in the Hall of Fame in 2013 as a separate financial institution.²¹ As Folksam's policies apply to all companies in its group, we have included KPA Pension in Folksam's profile.

Website:
<http://www.folksam.se/>

Twitter:
[@Folksam](https://twitter.com/Folksam)

Facebook
<https://www.facebook.com/folksam>

Philips Pension Fund (Private, the Netherlands)

Philips Pension Fund is one of the largest corporate retirement plans in the Netherlands. It offers pension services to employees of Philips Electronics in the Netherlands.²² In 2013, Philips Pension Fund had over 103,000 participants.²³

In 2008, Philips Pension Fund started to integrate environmental, social and governance (ESG) criteria across its investments. Philips Pension Fund's exclusion policy states that the pension fund does not wish to invest in companies that are involved in the manufacture of controversial weapons. It includes five kinds of weapons in this category: anti-personnel mines, biological weapons, chemical weapons, cluster munitions and nuclear weapons.²⁴ Philips Pension Fund has clarified that it also excludes companies that are in any other way involved in delivery systems specifically designed for nuclear weapons.²⁵

Philips Pension Fund's exclusion policy applies to all asset management activities.²⁶ Annually, the Fund draws up a list of excluded companies.²⁷ The list is based on information from different external research organisations and is not publicly available.

Website:
www.philipspensioenfonds.nl/

Twitter:
[@PhilipsPensioen](https://twitter.com/PhilipsPensioen)

Facebook
<https://www.facebook.com/philipspensioen>

PNO Media (Private, the Netherlands)

PNO Media manages pensions for companies and organisations from the Dutch media industry. PNO Media is one of the larger pension funds in the Netherlands. It serves about 500 media companies and 48,100 clients.²⁸

In December 2012, PNO Media updated its responsible investment code and its exclusion list, involvement in nuclear weapons was added as an exclusion criterion.²⁹ PNO Media therefore excludes companies involved in the production, trade or maintenance of nuclear weapons. The 2012 Annual

Report Responsible Investment lists several examples that would qualify for exclusion: a company that develops nuclear weapons; a company that is responsible for the maintenance of nuclear weapons; and a company that produces components that are specifically designed for nuclear weapons.³⁰

PNO Media's exclusion policy applies to all its asset management activities, regardless of whether they are managed internally or by external asset managers.³¹

PNO Media publishes an exclusion list, which is based on the advice of Hermes Equity Ownership Services. The latter makes use of the findings of external research organisation Sustainalytics.³² The exclusion list of PNO Media currently contains 28 companies involved in biological, chemical or nuclear weapons: Areva, Babcock & Wilcox, Babcock International, BAE Systems, Boeing, Dassault Aviation, EADS³³, Fluor, GenCorp, General Dynamics, Honeywell International, Huntington Ingalls Industries, Jacobs Engineering, Kratos Defense & Security Solutions, Larsen & Toubro, Leidos, Lockheed Martin, MOOG, Norinco International, Northrop Grumman, Oceaneering International, Raytheon, Rockwell Collins, Rolls-Royce, Safran, Serco, Thales and URS.³⁴

Website:
<http://www.pnomedia.nl/>

Twitter:
[@PNO_Media](https://twitter.com/PNO_Media)

SNS REAAL (Government owned, the Netherlands)

SNS REAAL is one of the major financial bank insurance companies of the Netherlands. It focuses primarily on the retail market, including small and medium-sized businesses. SNS REAAL offers three key product groups: savings and investments, mortgages and other property finance, and insurance and pensions.³⁵ In February 2013, the Dutch government nationalised SNS REAAL.³⁶

SNS REAAL's exclusion policy applies to all asset management categories, including assets managed by external managers.³⁷ The Fundamental Investment Principles of SNS REAAL's asset manager ACTIAM, state that it *"does not invest in companies directly involved in the production, development, sale, or distribution of controversial weapons and/or essential and specialised components or services."*³⁸ The asset manager considers nuclear weapons to be controversial weapons.³⁹

ACTIAM's exclusion list, which is based on the findings of data provider Sustainalytics⁴⁰ currently contains 31 companies involved in controversial weapons: Aeroteh, Alliant Techsystems, Aryt Industries, Ashot Ashkelon, Babcock & Wilcox, Babcock International, BAE Systems, Boeing, Computer Sciences Corp, EADS⁴¹, Exelis, Finmeccanica, GenCorp, Hanwha Corp, General Dynamics, Honeywell International, Jacobs Engineering, Larsen & Toubro, Lockheed Martin, Norinco International, Northrop Grumman, Poongsan Corp, Raytheon, Rheinmetall, Rolls Royce, Safran, Serco, Singapore Technologies, Splav, Textron and Thales.⁴²

Website:
<http://www.snsreaal.nl/>

Twitter:
[@snsreaal](https://twitter.com/snsreaal)

Facebook
<https://www.facebook.com/snsreaal>

Storebrand Group (Private, Norway)

Storebrand Group is a leading institution in the Nordic market for long-term savings and insurance, serving 1.8 million customers in Norway and Sweden.⁴³

Storebrand Group *"restricts investment in companies that are involved in the development, production, testing and storage of nuclear weapons, or in the production of components made explicitly for use in nuclear weapons."*⁴⁴

The exclusion policy applies to all asset management activities. External asset managers are instructed

to comply with the policy.⁴⁵

Over the past year, Storebrand Group has significantly increased the number of companies it excludes for involvement in the production of controversial weapons, from 13 companies in 2012 to 25 in 2014. The list is limited to companies included in the MSCI All Country Indexes, the Oslo Stock Exchange and the Stockholm Stock Exchange. The exclusion list, based on information from data provider Sustainalytics, is not made public.⁴⁶

Website:	Twitter:	Facebook
http://www.storebrand.no/	@storebrand_no	https://www.facebook.com/storebrand.no

Triodos Bank (Ethical bank, the Netherlands)

Triodos Bank is one of the world's leading sustainable banks, operating in Belgium, Germany, the Netherlands, Spain and the United Kingdom. Its banking and investment activities are directed at bringing positive social, environmental and cultural change.⁴⁷

Triodos Bank excludes all companies involved in arms-related activities. This includes the development, manufacture, maintenance and selling of weapons, as well as specifically designed components for weapons and services for the arms industry that are essential to the functioning of weapons.⁴⁸ The policy applies to both conventional and non-conventional weapons, including nuclear weapons.⁴⁹

Triodos Bank's exclusion policy applies to its commercial banking, investment banking and asset management activities, regardless of whether they are managed internally or by external asset managers.⁵⁰

Triodos Bank pro-actively supports the banning of nuclear weapons. Emphasising the value of transparency⁵¹, Triodos publishes an inclusion list, based on information from data provider Sustainalytics⁵², which contains all companies eligible for investments by Triodos SRI funds and Triodos Bank Private Banking.

Website:	Twitter:	Facebook
http://www.triodos.com/	@TriodosNL ; @TriodosUK ; @TRiodosBE ; @triodos_bank_de	https://www.facebook.com/TriodosFoundation

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- 50 Triodos Bank, "How we do what we do: Our approach to lending", p.2, available at <http://www.triodos.co.uk/downloads/our-approach-to-lending.pdf>, last viewed 26 June 2014; Triodos Bank, "Triodos Bank minimum standards for direct lending and investments", p.3, available at <http://www.triodos.com/downloads/investment-management/research/minimum-standards.pdf> (last viewed 11 June 2014); Triodos Bank, written response to Profundo dated 27 May 2014.
- 51 Triodos Bank "Sustainable investment universe", Triodos Bank website (<http://www.triodos.com/en/investment-management/socially-responsible-investment/sustainable-investment-universe/recent-results/>), viewed 11 June 2014.
- 52 Triodos Bank, written response to Profundo dated 27 May 2014.

Runners-Up

In this chapter we look at financial institutions that have a policy excluding investments in nuclear weapons companies, but whose policies are not sufficiently comprehensive for a place in the Hall of Fame.

The policies of institutions in the Runners-Up are not fully implemented or fail to meet one of the following criteria:

- no exceptions for any types of nuclear weapon associated companies
- no exceptions for any types of activity (production, development, maintenance) by nuclear weapon associated companies
- no exceptions for any types of financing or investment by the financial institution

By including a Runners-Up category, we aim to contribute to discussions on exclusion policies and their implementation. We commend the financial institutions in the Runners-Up category for having policies that acknowledge that investing in nuclear weapon producers is undesirable and we encourage them to further strengthen these policies. Ultimately we hope to see more institutions in the Hall of Fame in future updates of this report.

The Runners-Up category offers a place to some financial institutions that are almost eligible for the Hall of Fame, but also some institutions with a policy that contains loopholes that still allow for considerable investments in nuclear weapon producers. As a result, institutions can be listed in this Runners-Up chapter for their policy and at the same time in the Hall of Shame for their investments in nuclear weapon producers.

In this chapter, we describe the nuclear weapons policies of each financial institution. We also comment on the reasons why any particular institution is not eligible for a place in the Hall of Fame.

To be included in the Runners-Up, financial institutions need to have made their policy, or a summary of it, publicly available in English. In advance of this report, all financial institutions were asked to complete a standardised questionnaire with detailed questions on the scope and content of their nuclear weapons policies. Financial institutions that did not respond are not included. This list of financial institutions in this chapter is by no means exhaustive. We welcome additions from those able to provide them.

Changes from the 2013 report

This year, ten new financial institutions are included in the Runners-Up category. Six institutions: **BNP Paribas (France)**, **Commerzbank (Germany)**, **Crédit Agricole (France)**, **Credit Suisse (Switzerland)**, **SEB (Sweden)** and **Van Lanschot (the Netherlands)** are included for adopting and implementing policies that exclude nuclear weapon producers. **New Zealand Superannuation** fund is relegated from the Hall of Fame after a revised assessment of the scope of its policy. **Fonds de Compensation (Luxembourg)** and **Spoorwegpensioenfonds (the Netherlands)** are relegated from the Hall of Fame because although their policies remain strong, investments were found for both in nuclear weapon producing companies. The policy of public transportation pension fund **SPOV** is assessed for the first time this year. Like **Spoorwegpensioenfonds**, **SPOV** is placed in the Runners-Up because investments were found in a nuclear weapon producing company.

Three institutions leave the Runners-Up category this year. For **SNS Reaal** the reason is positive, as it has been awarded a place in this year's Hall of Fame. **Belfius Bank** is not in this year's report because it did not respond to our enquiries. **KBC** is removed from the Runners-Up category because the group level controversial weapons policy of **KBC** does not exclude investments in nuclear weapon producing companies. Last year's entry for **Syntrus Achmea** is replaced by an entry for parent company **Achmea** this year.

Several financial institutions in the Runners-Up have made positive policy changes in the past months. **Pensioenfonds Horeca & Catering (the Netherlands)** decided to end investments in US Small Cap funds; **Rabobank (the Netherlands)** now applies its exclusion policy to most passively managed funds and **Swedbank (Sweden)** divested from investment holdings in nuclear weapon producers. We encourage these institutions to further strengthen their policies in the future. **Delta Lloyd (the Netherlands)** and **DNB (Norway)** adopted exclusion policies that seem to be comprehensive, however investments were still found. We encourage **Delta Lloyd** and **DNB** to fully divest from the remaining nuclear weapons associated companies in their portfolios so that we may welcome them into the Hall of Fame in our next report.

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The Runners-Up

ABN Amro (Government-managed, the Netherlands)

ABN Amro is a Dutch banking group that serves retail, private and commercial banking customers in the Netherlands and across the globe. The Dutch state acquired ownership of the Dutch activities of ABN Amro Holding N.V. and Fortis Bank Nederland in 2008. ABN Amro and Fortis Bank Nederland (formerly part of the Dutch-Belgian Fortis Group) merged in 2010 to form the current ABN Amro.¹

ABN Amro's Defence Policy states that the banking group does not finance or invest in companies involved in the manufacture, maintenance and trade of nuclear weapons or delivery systems that are specifically designed for nuclear weapons.² ABN Amro also excludes companies that develop nuclear weapons, provided that they are based in a country that is not a NATO Member State and has not joined the Non-Proliferation Treaty (NPT).³

The exclusion policy applies to ABN Amro's commercial banking, investment banking and asset management activities, except for its passively managed funds and third-party investments.⁴ Regarding the latter, ABN Amro only excludes nuclear weapon producers from non-NATO Member States that have not joined the NPT.⁵ The exclusion policy "does not apply to assets managed by external parties for which ABN AMRO has developed a separate engagement strategy."⁶

In 2012, ABN Amro introduced its Controversial Weapons List, which features businesses that are excluded for their involvement in controversial weapons.⁷ The list, which is based on the findings of data provider Sustainalytics, is not publicly available.⁸

We commend ABN Amro for having a policy excluding nuclear weapon producers. For a place in the Hall of Fame, ABN Amro should apply its policy to all financial products that the bank offers, including, for example, passively managed funds. For third-party investments, ABN Amro should exclude all nuclear weapon producing companies regardless of their country of origin. Furthermore, ABN Amro should apply its policy to assets managed by external parties. We encourage ABN Amro to further strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website:
<http://www.abnamro.com/>

Twitter:
[@ABNAMRO](https://twitter.com/ABNAMRO)

Facebook:
<https://www.facebook.com/abnamro>

Achmea (Private, the Netherlands)

Achmea¹ is the largest insurance company in the Netherlands, serving about half of all Dutch households. Achmea provides its almost 8 million customers with health, life and other types of insurance.⁹

According to its exclusion policy, Achmea does not invest in companies involved in the development, testing, production, maintenance, sale and trade of nuclear weapons or delivery systems designed for nuclear weapons.¹⁰ "Companies that produce delivery systems which have been designed exclusively for delivering nuclear warheads are excluded from investments. In general Achmea excludes producers of nuclear weapons as such, as well as companies which deliver essential parts and/or services for producing such weapons", according to Achmea.¹¹

The policy is applied to 98% of Achmea's investments. The remaining 2% of the assets are invested in externally managed funds, to which the policy does not apply. Achmea does offer alternatives (funds excluding nuclear weapons). Furthermore, the policy applies to the pool of fixed-interest securities and

1 In the 2013 Don't Bank on the Bomb, Syntrus Achmea was listed. However, Syntrus Achmea is part of Achmea and therefore parent company Achmea is listed in this report.

to pension fund mandates, but only if the pension fund requests this. Therefore, some pension funds could still invest outside Achmea's policy.¹²

The exclusion list, which is publicly available, contains 26 companies involved in nuclear weapons: Alliant Techsystems, Areva, Babcock International Group, BAE Systems, Boeing, EADS¹³, Finmeccanica, Fluor, General Dynamics, Honeywell International, Huntington Ingalls Industries, Jacobs Engineering, Kratos Defence and Security Solutions, Larsen & Toubro, Leidos, L-3 Communications, Lockheed Martin, MOOG, Northrop Grumman, Raytheon, Rolls-Royce, Safran, Serco, Thales, United Technologies and URS.¹⁴ In its investment selection, Achmea uses the services of Ethix, a specialised firm in social responsible investment consulting activities.

We commend Achmea for having a policy excluding nuclear weapon producers. For a place in the Hall of Fame, Achmea should apply its policy to external asset managers for both actively and passively managed funds.¹⁵ Furthermore, the policy should be applied to all pension fund mandates. We encourage Achmea to further strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website:
<https://www.achmea.nl>

Twitter:
[@achmea](https://twitter.com/achmea)

Facebook:
<https://www.facebook.com/achmea>

BNP Paribas (Private, France)

BNP Paribas is a leading French bank that offers services in corporate and investment banking, private banking and asset management. It operates in 75 countries.¹⁶

BNP Paribas' Corporate Social Responsibility Sector Policy on Defence states that *"providing financial products and services to or investing in companies that produce, trade, store or carry out any other activity related to 'controversial weapons' should be avoided."*¹⁷ This includes all specifically designed components that represent a significant building block in the functioning of the weapon. BNP Paribas considers nuclear weapons to be controversial weapons. However, the policy does not apply to companies that contribute only to government-controlled nuclear weapon programs in NATO Member States that have joined the NPT.¹⁸ BNP defines a nuclear weapon as *"a device that is capable of releasing nuclear energy in an uncontrolled manner and which has a group of characteristics that are appropriate for use for warlike purposes."* This definition is drawn from the Treaty for the Prohibition of Nuclear Weapons in Latin America and the Caribbean.¹⁹

The exclusion policy applies to all commercial banking and investment banking activities, as well as to BNP Paribas' asset management arm.²⁰ An exception is made for investments made on behalf of third parties and for passively managed funds.²¹ The exclusion policy covers only new clients and new financing agreements.²² Existing loan contracts not in compliance with BNP Paribas' policies are discussed with clients and can be terminated within a specific timeframe.²³

BNP Paribas currently excludes around 90 controversial weapon producers. It does not publish the list.²⁴

BNP Paribas has made an estimated 7,052 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on BNP Paribas' investments can be found in the Hall of Shame.

We commend BNP Paribas for having a policy excluding nuclear weapon producers. As BNP Paribas does not exclude companies that are involved in government-controlled nuclear weapon programs in NATO Member States, it means BNP Paribas allows investment in nuclear weapon producers that operate in France, the United Kingdom and the United States. This is a major loophole in BNP Paribas' nuclear weapons policy. In addition, the policy does not apply to all asset management activities or third party investments and covers only new financing agreements. We encourage BNP Paribas to strengthen the

policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website: http://www.bnpparibas.com/	Twitter: @BNPPARIBAS_NET	Facebook: https://www.facebook.com/bnpparibas.net
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Commerzbank (Private, Germany)

Commerzbank is one of the leading banks in Germany and Poland. It offers banking and capital market services to nearly 15 million private customers and 1 million business and corporate clients.²⁵

According to Commerzbank's policy on the armaments sector, the bank *"does not in any circumstances involve itself in transactions related to controversial weapons."*²⁶ For a definition of controversial weapons, Commerzbank refers to the German War Weapons Control Act²⁷, which provides an elaborate definition of nuclear weapons based on the revised Brussels Treaty of 1954.²⁸

In principle, this means that Commerzbank excludes all companies that are involved in controversial weapons. However, if the involvement constitutes only a small part of the company's businesses, Commerzbank allows investment as long as the bilateral contract specifically states that funds will not be used for any activity that is related to controversial weapons.²⁹

The exclusion policy applies to the bank's commercial banking and investment banking activities, as well as to the investments made on its own account and its actively managed funds. However, clients can request the execution of a buying-order of a specific investment that may contain a nuclear weapon producer. The same applies to orders of such investments through Online-Banking.³⁰

Commerzbank does not publish its exclusion list, which is based on the findings of data provider Sustainalytics.³¹

Commerzbank has made an estimated 2,847 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on Commerzbank's investments can be found in the Hall of Shame.

We commend Commerzbank for having a nuclear weapons policy. For a place in the Hall of Fame, Commerzbank should apply its policy to all nuclear weapon producers, including companies whose involvement in controversial weapons constitutes only a small part of their activities. Furthermore, Commerzbank's should apply its exclusion policy to all asset management categories. We encourage Commerzbank to strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website: https://www.commerzbank.de	Twitter: @commerzbank	Facebook: https://www.facebook.com/commerzbank
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The Co-operative Bank (Private, United Kingdom)

The Co-operative Bank is a British bank offering a wide range of banking products from mortgages and loans to credit cards and saving products. At the end of 2013, The Co-operative Bank separated from The Co-operative Group. The Co-operative Group is now a 30% shareholder with the remainder of shares held by investors.³² The Co-operative Bank's focus is changing to retail and small and medium-sized business customers.³³

The Co-operative Bank is currently updating its Ethical Policy, based on a poll of its customers' views (June 2014).³⁴ In the mean-time, it continues to implement its existing Ethical Policy.³⁵

The Co-operative Bank's current investment policy excludes investment in nuclear weapon producers. According to Co-operative Bank the policy contains specific clauses that restrict investments to certain business sectors or activities.³⁶ Businesses found to be in conflict with the policy are excluded. The Ethical Policy states, "We will not finance: (...) the manufacture or transfer of indiscriminate weapons."³⁷ Indiscriminate weapons include cluster munitions, anti-personnel landmines, depleted uranium munitions, incendiary munitions, chemical and biological weapons.³⁸ This also includes "products or services classed as strategic to nuclear weapons." In addition, the bank will not finance any company that manufactures, sells and exports nuclear weapons to oppressive regimes or that exports strategic parts or services for nuclear weapons to oppressive regimes.³⁹

The policy applies to all asset classes relevant to the Co-operative Bank.⁴⁰ The Co-operative Bank terminates loan contracts of customers violating its Ethical Policy.⁴¹ There is no publicly available exclusion list.

We commend the Co-operative Bank for having a nuclear weapons policy. The Co-operative Bank only excludes nuclear weapon producers if they have contracts with oppressive regimes. This is a major loophole. In addition, the Co-operative Bank did not provide sufficient information on the types of nuclear weapons excluded and if the policy is applied to all nuclear weapon producers, regardless of their home country. We look forward to analysing the Bank's new ethical policy and hope that the Bank will adopt a strengthened policy, so that we may welcome the bank into the Hall of Fame in a future update of this report.

Website:

<http://www.co-operativebank.co.uk/>

Twitter:

@CoopBankUK_help

Crédit Agricole (Private, France)

Crédit Agricole Group is a French banking group operating in retail, corporate and investment banking and offering special financial services.⁴² With 49 million customers, 7.4 million mutual shareholders and 1.2 million shareholders, Crédit Agricole is one of the leading banks in Europe.⁴³

Crédit Agricole's policy on the armaments sector states that investments from the bank's own account or on behalf of third parties (apart from indexed investing), financing of any sort, and services are prohibited for companies that are linked to the production, storage or sale of sensitive arms, including nuclear weapons.⁴⁴ The bank regards the warhead to be the essential element of a nuclear weapon. Consequently, it defines a nuclear weapon producer as a company that is involved in the design, manufacturing, modernisation and maintenance of nuclear warheads. Therefore, companies that produce 'non-nuclear' components of these weapons do not fall under this category.⁴⁵

The exclusion policy applies to commercial and investment banking activities, as well as to Crédit Agricole's own investments. Not all investments made on behalf of third parties, i.e. discretionary mandates and passively managed funds, are included in the policy.⁴⁶ The exclusion policy does not apply to external asset managers either.⁴⁷

Crédit Agricole uses an exclusion list⁴⁸ based on the findings of external consultants,⁴⁹ but does not publish the list.

Crédit Agricole has made an estimated 4,710 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on Crédit Agricole's investments can be found in the Hall of Shame.

We commend Crédit Agricole for having a nuclear weapons policy. For a place in the Hall of Fame, Crédit Agricole should broaden its definition of a nuclear weapon producer. It should exclude companies

involved in the production of, or any other activity related to specifically designed components for nuclear weapons. Furthermore, *Crédit Agricole* should apply its policy to all of its financial products, including all asset management categories. We encourage *Crédit Agricole* to strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website: http://www.credit-agricole.fr/	Twitter: @CreditAgricole	Facebook: https://www.facebook.com/CreditAgricole
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Credit Suisse (Private, Switzerland)

Credit Suisse is a Swiss bank that focuses on private banking and investment banking for corporate, institutional and government clients and for high-net-worth private clients worldwide. The bank also serves retail clients in Switzerland.⁵⁰ Credit Suisse has operations in more than 50 countries.⁵¹

Credit Suisse's Controversial Weapons Policy is based on the Swiss Federal War Materials Act. As a result, the bank *"will not directly finance the development, manufacture and acquisition of nuclear, biological and chemical weapons, anti-personnel mines and cluster munitions."*⁵² The manufacture of nuclear weapons also covers the maintenance of these weapons. In addition, Credit Suisse does not finance activities related to delivery systems that are specifically designed for nuclear weapons. However, the Bank states it *"may provide services to nuclear weapon producers if the financing of the development, manufacture or acquisition of such weapons can be excluded."*⁵³

Credit Suisse also states that it excludes investment banking activities related to nuclear weapons and investments in nuclear weapon producers that it makes on its own account. The exclusion policy does not apply to Credit Suisse's other asset management activities nor to its external asset managers. The bank does not publish its exclusion list, which is based on information provided by Sustainalytics.⁵⁴

Credit Suisse has made an estimated 1,422 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on Credit Suisse's investments can be found in the Hall of Shame.

We commend Credit Suisse for having a nuclear weapons policy. To be listed in the Hall of Fame, Credit Suisse should exclude the financing of nuclear weapon producers instead of only the activities related to nuclear weapons. Furthermore, Credit Suisse should apply its policy to all asset management categories and it should divest from investment holdings in nuclear weapon producers. We encourage Credit Suisse to further strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website: https://www.credit-suisse.com/	Twitter: @CreditSuisse	Facebook: https://www.facebook.com/creditsuisse
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Delta Lloyd Group (Private, the Netherlands)

Delta Lloyd Group is a Dutch financial institution that offers products and services in the areas of insurance, pensions, investing, and banking.⁵⁵

In February 2013, Delta Lloyd announced an expansion of its policy on controversial weapons to include nuclear weapons, specifying that *"Delta Lloyd no longer invests in companies that are involved in the production, maintenance or testing of nuclear weapons"*.⁵⁶ As a result of this decision, Delta Lloyd divested from four companies with a joint value of about €3.8 million and added a total of 30 companies to its exclusion list.⁵⁷

Both internal and external asset managers of Delta Lloyd must comply with the exclusion list. The policy is applied to all of Delta Lloyd's banking activities.⁵⁸

In the first quarter of 2014, the following publicly listed companies were excluded for involvement in nuclear weapons: Alliant Techsystems, Babcock International, Babcock & Wilcox, GenCorp, General Dynamics, Huntington Ingalls Industries, L&T Finance Holdings, Northrop Grumman, Raytheon, Safran and Technofan.⁵⁹ The publicly available exclusion list is based on the findings of external research company Sustainalytics.⁶⁰

We commend Delta Lloyd for having a nuclear weapons policy and for expanding the scope of its policy. Below the threshold investments in nuclear weapon producers listed in this report hold Delta Lloyd back from entering the Hall of Fame. We encourage Delta Lloyd to divest from the remaining nuclear weapons associated companies in its portfolio, so that it may be listed in the Hall of Fame in our next report.

Website: http://www.deltalloydgroep.com/	Twitter: @deltalloyd	Facebook: https://www.facebook.com/deltalloyd
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DNB (Private, Norway)

DNB is Norway's largest financial services group, serving 2.1 million retail customers and 220,000 corporate clients in Norway. It offers a wide variety of financial services, including loans, savings, advisory services, and insurance pension products.⁶¹

DNB does not invest in companies that are in any way involved in weapons of mass destruction or central components for the use of these weapons. The financial group defines weapons of mass destruction as NBC weapons (nuclear, biological and chemical weapons) and excludes companies regardless of their origin.⁶²

In 2013, DNB decided to extend its weapons of mass destruction policy to its commercial banking activities, which means that DNB no longer provides credit or finance to (projects of) companies with activities related to nuclear weapons.⁶³

The exclusion policy applies to all asset management categories, regardless of whether they are managed by DNB's internal or external asset managers. DNB maintains an internal blacklist of companies, which is based on information from external research providers GES Investment Services and GMI Ratings.⁶⁴ DNB does not publish its exclusion list.⁶⁵

DNB has made an estimated 62 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on DNB's investments can be found in the Hall of Shame.

We commend DNB for having a nuclear weapons policy and for expanding the scope of its policy in the past months. Investments in nuclear weapon producer(s) listed in this report hold DNB back from entering the Hall of Fame. We encourage DNB to divest from the remaining nuclear weapons associated company in its portfolio, so that it may be listed in the Hall of Fame in our next report.

Website: https://www.dnb.no/	Twitter: @dnb_nor	Facebook https://www.facebook.com/dnb
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Fonds de Compensation (Government-managed, Luxembourg)

The Fonds de Compensation de la Sécurité Sociale, SICAV-FIS (FDC) was created in 2007 as a specialised investment fund to invest part of Luxembourg's excess pension reserves. As a public institution, FDC is subject to the supervision of Luxembourg's Minister of Social Security.⁶⁶

At the end of 2011, FDC formalised its socially responsible investment policy by excluding companies

that do not respect international standards and conventions ratified by the Grand Duchy of Luxembourg.⁶⁷ As Luxembourg is a party to the Non-Proliferation Treaty and the Comprehensive Nuclear Test-Ban-Treaty, FDC excludes all businesses involved in the production, development, maintenance and trade of nuclear weapons or delivery systems that are specifically designed for nuclear weapons.⁶⁸ The exclusion policy applies to all of FDC's asset management activities. External asset managers also have to apply the policy.⁶⁹

FDC's publicly available exclusion list is revised every six months and is based on the findings of external research organisation Global Engagement Services (GES).⁷⁰ It currently contains 15 nuclear weapon producers: Airbus, Alliant Techsystems Inc, Babcock & Wilcox, BAE Systems, Boeing, Finmeccanica, GenCorp, General Dynamics, Honeywell International, Jacobs Engineering, Lockheed Martin, Northrop Grumman, Raytheon, Safran and Serco.

FDC was listed in the Hall of Fame of 2013's report. This year however, we found a number of below the threshold investments in nuclear weapon associated companies in its current portfolio which is why FDC is relegated to the Runners-Up category. We encourage FDC to divest from these companies so that it may be listed in the Hall of Fame in our next report.

Website:

<http://www.fdc.lu/>

Government Pension Fund Global (Government-managed, Norway)

Government Pension Fund Global was established in 1990 by the Norwegian Ministry of Finance. The fund, managed by a branch of the Norwegian Central Bank, is a fiscal policy tool to ensure that Norwegian state revenues from petroleum activities benefit present and future generations in Norway in an equal manner. It facilitates government savings in order to finance rising public pension expenditures for the long term.⁷¹

The Government Pension Fund Global's guidelines "*establish that the fund assets shall not be invested in companies that, themselves or through entities they control²: produce weapons that violate fundamental humanitarian principles through their normal use.*" The Revised National Budget for 2004 provides a detailed list of weapons covered by the exclusion criteria, including nuclear weapons.⁷²

Government Pension Fund Global's nuclear weapons policy applies to all internal and external asset management activities carried out by the fund.⁷³

Government Pension Fund Global excludes producers and developers of nuclear weapons, but the policy does not apply to companies maintaining nuclear weapons. Furthermore, the policy is not airtight regarding delivery systems specifically designed for the use of nuclear weapons. Notably, the production of submarine components specifically designed for launching nuclear missiles is not considered production of nuclear weapons by the Government Pension Fund Global.⁷⁴

The exclusion list of Government Pension Fund Global currently contains 12 companies involved in nuclear weapons: Alliant Techsystems, Babcock & Wilcox, Boeing, EADS Co⁷⁵, EADS Finance BV⁷⁶, GenCorp, Honeywell International, Jacobs Engineering, Lockheed Martin, Northrop Grumman, Safran and Serco Group.⁷⁷ The external research provider used by the pension fund is DSR.⁷⁸

Government Pension Fund Global has made an estimated 844 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on Government Pension Fund Global's investments can be found in the Hall of Shame.

We commend Government Pension Fund Global for having a nuclear weapons policy. For a place in the

² This includes joint ventures.

Hall of Fame, Government Pension Fund Global should exclude companies involved in the maintenance of nuclear weapons or delivery systems specifically designed for nuclear weapons. We encourage Government Pension Fund Global to strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:

<http://www.regjeringen.no/en/dep/fin/selected-topics/the-government-pension-fund.html?id=1441>

ING (Private, the Netherlands)

ING Group is a global financial service company of Dutch origin, operating in the fields of banking, asset management, life insurance and retirement services.⁷⁹ ING serves over 47 million private, corporate and institutional customers from more than 40 countries.⁸⁰

ING's nuclear weapons policy states that companies that mainly focus on defence-related businesses and that are involved in the development, manufacture, maintenance and trading of nuclear weapons or specifically designed delivery systems are excluded. However, ING may finance or invest in nuclear weapon producers with largely non-defence related businesses if those companies indicate that ING funds will not be used for nuclear weapons related activities.⁸¹

The policy applies to ING's commercial banking and investment banking, as well as to the investments made on its own accounts and actively managed funds managed both internally and externally.⁸² ING makes three exceptions to the exclusion policy. The policy does not apply to: investments made on behalf of clients in the US, where ING claims it cannot enforce its policy; investments made within the boundaries of an explicit customer mandate; and funds following an index.⁸³ ING requires that its external asset managers apply the exclusion policy to their discretionary mandates.⁸⁴

ING's exclusion list, which is based on information from NGOs, customer screening and Sustainalytics, is not publicly available.⁸⁵

ING has made an estimated 344 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on ING's investments can be found in the Hall of Shame.

We commend ING for having a nuclear weapons policy. For a place in the Hall of Fame, ING should exclude companies regardless of the relative proportion of nuclear weapons related activities of the company and ING should exclude companies as a whole rather than the activities of nuclear weapon producers. ING should apply its policy to all its markets including in the US, to all its customers and to all its products, including funds following an index. We encourage ING to further strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website:

<http://www.ing.com/>

Twitter:

@ING_News

Facebook:

<https://www.facebook.com/ING>

KLP (Private, Norway)

Kommunal Landspensjonkasse (KLP) is Norway's largest life insurance company. It delivers financial and insurance services to the public sector, businesses associated with the public sector and their employees.⁸⁶

KLP follows the recommendations made by the Council of Ethics of the Norwegian Government Pension Fund Global.⁸⁷ As a result, KLP does not invest in companies that develop, manufacture, maintain, buy or sell weapons or key components for weapons that breach fundamental humanitarian principles.

KLP applies its exclusion policy only to those activities and components that contribute entirely or primarily to nuclear weapons. Following the reasoning of the Norwegian Government Pension Fund Global, it does not consider the producers of submarine based nuclear weapon delivery systems as nuclear weapon producers.⁸⁸ The policy applies to internal and external asset managers.⁸⁹

KLP's exclusion list currently contains 13 companies with activities related to nuclear weapons: Babcock & Wilcox, Boeing, EADS⁹⁰, Finmeccanica, GenCorp, General Dynamics, Honeywell International, Jacobs Engineering, Lockheed Martin, Northrop Grumman, Raytheon, Safran and Serco.⁹¹ The exclusion list is based on the findings of data provider Global Engagement Services (GES) and on the recommendations of the Council of Ethics of the Norwegian Government Pension Fund.⁹²

We commend KLP for having a nuclear weapons policy. KLP comprehensively covers all of its financial products with its policy, but for a place in the Hall of Fame, KLP should apply its policy to all types of nuclear weapons companies. We encourage KLP to further strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:

<https://www.klp.no/>

Facebook:

<https://www.facebook.com/klp.no>

NIBC (Private, the Netherlands)

NIBC is a Dutch bank that offers corporate and consumer banking activities. The corporate banking arm covers a combination of advice, financing and co-investment activities, whereas the consumer banking department focuses primarily on residential mortgages and online retail saving deposits in Belgium, Germany and the Netherlands.⁹³ NIBC is not active in asset management, nor does it outsource asset management activities.⁹⁴

NIBC's sustainability policy excludes financing the manufacture, use, trade, stockpile or service of highly controversial weapons. NIBC considers nuclear weapons to be highly controversial weapons. NIBC uses the following definition of nuclear weapons: *"For the purpose of this policy, the term nuclear weapon includes the weapon as a whole, as well as its key component parts, specifically designed to form part of the nuclear weapon (e.g. nuclear warheads, missiles carrying the warheads, tailor-made electric/electronic systems, enriched plutonium / uranium, specifically designed engines and guidance systems). Submarines that are designed to launch nuclear missiles are also considered a key component of nuclear weapon production. Services such as testing and maintaining / upgrading of nuclear weapons qualify as servicing nuclear weapons and therefore are also excluded from financing."*⁹⁵

However, NIBC allows for investments in specific projects of nuclear weapon producers, *"provided that the financial services are used for the specific project and not used for the production, sale or distribution of controversial weapons."*⁹⁶ The policy applies to investment banking activities. In loan contracts with companies, NIBC includes 'material adverse clauses', which obliges companies to make notice of any material changes in their activities. NIBC makes use of a non-published exclusion list.⁹⁷

We commend NIBC for having a nuclear weapons policy. For a place in the Hall of Fame, NIBC should exclude producers as a whole rather than only the activities of producers related to nuclear weapons. We encourage NIBC to further strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:

www.nibc.nl/

Twitter:

@NIBC_Bank

Facebook:

<https://www.facebook.com/nibcdirectnl>

Nordea (Private, Sweden)

Nordea is the largest financial services group in northern Europe. It offers private, retail, corporate, and institutional banking products, as well as life and pension products. Nordea serves approximately 10 million households and around 0.5 million corporate customers.⁹⁸

As of 2012, Nordea has excluded companies that contribute to the development or manufacture of new nuclear weapon programs, including delivery systems that are specifically designed for nuclear weapons.⁹⁹ The decision to exclude nuclear weapon producers is in line with Nordea's 2010 policy on illegal weapons.¹⁰⁰ Nordea's policy does not exclude companies that are involved in already developed nuclear weapons. Companies that contribute to the maintenance of new nuclear weapon programs are also not excluded.¹⁰¹

Nordea's exclusion policy applies to all asset management activities, except for its passively managed funds. External asset managers are encouraged to implement Nordea's Policy for Responsible Investment.¹⁰² Nordea does not apply the exclusion policy to its commercial banking activities¹⁰³, nor to its investment banking activities.¹⁰⁴

Nordea's exclusion list currently contains 11 companies involved in nuclear weapons: Babcock International, BAE Systems, EADS¹⁰⁵, Finmeccanica, General Dynamics, Hanwha Corporation, Lockheed Martin, Northrop Grumman, Rolls-Royce, Safran and United Technologies.¹⁰⁶ The exclusion list is based on the findings of data provider Ethix SRI Advisors.¹⁰⁷

We commend Nordea for having a nuclear weapons policy. For a place in the Hall of Fame, Nordea should strengthen its policy to cover companies involved in nuclear weapon maintenance and modernisation. Furthermore, the policy should apply to Nordea's commercial banking and investment banking activities and to its passively managed funds. In addition, its external asset managers should be required to apply Nordea's policy. We encourage Nordea to further strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website:
www.nordea.com/

Twitter:
[@Nordea](https://twitter.com/Nordea)

Facebook:
<https://www.facebook.com/Nordea>

New Zealand Superannuation Fund (Government-managed, New Zealand)

New Zealand Superannuation Fund accumulates and invests state contributions to help future governments pay for the increasing costs of superannuation entitlements in New Zealand. The Fund is managed by Guardians, who are appointed by the Governor General on the recommendation of New Zealand's Minister of Finance.¹⁰⁸

Since 2008, the New Zealand Superannuation Fund excludes all companies involved in the manufacture and testing of nuclear explosive devices. The Fund draws its definition of nuclear weapons from the New Zealand Nuclear Free Zone, Disarmament and Arms Control Act of 1987, and accordingly defines a nuclear explosive device as "any nuclear weapon or other explosive device capable of releasing nuclear energy, irrespective of the purpose for which it could be used, whether assembled, partly assembled, or unassembled, but does not include the means of transport or delivery of such a weapon or device if separable from and not an indivisible part of it."¹⁰⁹ On 10 June 2013, New Zealand Superannuation Fund announced an extension of its exclusion policy to companies that are "involved in the operation or management of military bases where nuclear explosive devices are deployed, maintained, refitted, stored or developed."¹¹⁰ New Zealand Superannuation Fund, however, does not exclude all companies that are involved in specifically designed nuclear weapons delivery systems.¹¹¹

The exclusion policy applies to the portfolios that are managed exclusively for the New Zealand Superannuation Fund. The vast majority of its other funds are covered by the policy as well. The policy

does not extend to two hedge fund mandates that hold bonds or equities.¹¹²

The exclusion list, which is based on information from screening agency MSCI¹¹³, currently contains 17 companies involved in nuclear explosive devices, cluster munitions and anti-personnel mines: Alliant Techsystems, Babcock & Wilcox, Bechtel, Fluor, Hanwha Corporation, Honeywell International, Huntington Ingalls Industries, Jacobs Engineering, Kratos Defence & Security Solutions, Lockheed Martin, Northrop Grumman, Poonsang Holdings, Poonsang Corporation, Serco, Singapore Technologies Engineering, Textron and URS.¹¹⁴

Last year, New Zealand Superannuation Fund featured in the Hall of Fame. A re-examination of the Fund's policy however, revealed that New Zealand Superannuation Fund does not exclude companies involved in delivery systems specifically designed for nuclear weapons. Furthermore, the policy does not apply to two hedge funds. This prevents New Zealand Superannuation Fund from retaining a place in this year's Hall of Fame. We encourage New Zealand Superannuation Fund to further strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:

<https://www.nzsuperfund.co.nz/>

Twitter:

@NZSuperFund

Pensioenfonds APF (Private, the Netherlands)

Pensioenfonds APF provides retirement benefits for employees of AkzoNobel.¹¹⁵ It has close to 6,000 active participants, more than 13,000 former participants and over 18,000 pensioners.¹¹⁶

Pensioenfonds APF excludes companies involved in the development, testing, production, maintenance, selling or distribution of nuclear weapons.¹¹⁷ The exclusion criteria also prohibit investment in companies involved in the development, manufacture and maintenance of missiles that are primarily used for carrying nuclear munitions and of submarines equipped with ballistic missiles.¹¹⁸

The exclusion policy applies to all investments made by the pension fund's external asset manager Syntus Achmea, including direct investments in European, US and Japanese assets. Pensioenfonds APF also invests in several Emerging Markets Funds, for which nuclear weapons are not an exclusion criterion. Consequently, Pensioenfonds APF's exclusion policy regarding nuclear weapons applies to approximately 93% of its investment portfolio.¹¹⁹

The exclusion list, which is based on the findings of external research organisation Ethix SRI Advisors, is not publicly available.¹²⁰

We commend Pensioenfonds APF for having a nuclear weapons policy. To be listed in the Hall of Fame, it should strengthen the policy to cover investments in Emerging Markets Funds that do not exclude nuclear weapons. We encourage Pensioenfonds APF to further strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:

<https://www.pensioenfondsapf.nl/>

Pensioenfonds Horeca & Catering (Private, the Netherlands)

Pensioenfonds Horeca & Catering is the mandatory pension fund for the Dutch hospitality and catering industry. Pensioenfonds Horeca & Catering has about 850,000 participants.¹²¹

After researching the importance of socially responsible investment to employers and employees from the hospitality and catering industry in 2007, Pensioenfonds Horeca & Catering started employing an active exclusion policy as of 2008.¹²² The policy is based on the recommendations made by the Council

of Ethics of the Norwegian Government Pension Fund Global. As such, Pensioenfonds Horeca & Catering excludes producers and developers of nuclear weapons.

All Pensioenfonds Horeca & Catering's investments are managed by external asset managers, to which the exclusion policy applies. Because Horeca & Catering uses the recommendations of the Council of Ethics of the Norwegian Government Pension Fund Global, it does not exclude (all) companies involved in maintenance of nuclear weapons, nor specifically designed delivery systems.¹²³

Pensioenfonds Horeca & Catering improved its responsible investment policy since the 2013 'Don't Bank on the Bomb' report by terminating its investment in the passive US Small Cap Investment Fund. The exclusion policy now applies to 100% of the public equity investments.¹²⁴ Furthermore, the pension fund decided in 2014 to strengthen the policy by no longer depending on the recommendations of the Norwegian Government Pension Fund: *"The Fund will formulate its own exclusion policy where certain themes are excluded from the investment universe. One of these themes is controversial weapons, including cluster and nuclear weapons. An external research provider will be selected in 2014."*¹²⁵

The pension funds' exclusion list currently contains 11 companies that are involved in nuclear weapons: Babcock & Wilcox, Boeing, EADS Co¹²⁶, EADS Finance BV¹²⁷, GenCorp, Honeywell International, Jacobs Engineering, Lockheed Martin, Northrop Grumman, Safran and Serco.¹²⁸

We commend Pensioenfonds Horeca & Catering for strengthening its nuclear weapons policy. For a place in the Hall of Fame, Pensioenfonds Horeca & Catering should exclude all companies involved in maintenance of nuclear weapons and companies involved in specifically designed delivery systems. We look forward to assessing Pensioenfonds Horeca & Catering's revised policy and encourage it to further strengthen its policy, so that it may be listed in the Hall of Fame in our next report.

Website:
www.phenc.nl/

Facebook:
<https://www.facebook.com/PensioenfondsHorecaEnCatering>

PGGM (Private, the Netherlands)

PGGM is a leading Dutch pension administrator that provides services in pension administration, communication, board advisement and asset management.¹²⁹ It manages pension assets for seven pension funds¹³⁰ and serves over 570,000 participants.¹³¹

PGGM's controversial weapons policy states that PGGM does not invest in companies whose *"activities include the production, development and sale of adapted high-grade components of the nuclear warhead, the rocket or the entire weapon and the maintenance and improvement of the weapon."* This was defined in line with the UN Treaty for the Prohibition of Nuclear Weapons in Latin America and the Caribbean (Treaty of Tlatelolco), as the 1968 Non-Proliferation Treaty does not contain a clear definition of nuclear weapons.¹³²

PGGM's exclusion policy applies to all asset management activities, regardless of whether they are managed internally or by external asset managers.¹³³

PGGM's exclusion list is based on information from external agencies¹³⁴ and currently includes 23 companies involved in nuclear weapons: Babcock & Wilcox, Babcock International, BAE Systems, Boeing, EADS¹³⁵, Exelis, Finmeccanica, Fluor, GenCorp, General Dynamics, Honeywell International, Huntington Ingalls Industries, Jacobs Engineering, Lockheed Martin, MOOG, Northrop Grumman, Raytheon, Rockwell Collins, Safran, Serco, Thales, URS and Walchandnagar Industries.¹³⁶

We commend PGGM for having a nuclear weapons policy. Below the threshold investments in nuclear weapon producer(s) listed in this report hold PGGM back from entering the Hall of Fame. We encourage

PGGM to divest from the remaining nuclear weapons associated companies in its portfolio, so that it may be listed in the Hall of Fame in our next report.

Website: https://www.pggm.nl	Twitter: @PGGMzeist	Facebook: https://www.facebook.com/pages/PGGM/152369754795160
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Rabobank (Private, the Netherlands)

Rabobank Group, based in the Netherlands, is one of the world's leading financial institutions. It offers services in the field of banking, asset management, leasing, insurance and real estate.¹³⁷

In its Armaments Industry policy, Rabobank states that it does not provide financial services to companies involved in controversial armaments, nor does it invest its own funds in any activity related to these weapons. The financial group considers nuclear weapons controversial weapons.¹³⁸ Involvement includes the development, manufacture, maintenance and selling of nuclear weapons and of delivery systems that are specifically designed for nuclear weapons.¹³⁹

The exclusion policy applies to Rabobank's commercial banking, investment banking, and all asset management activities, including passively managed funds distributed by Rabobank.¹⁴⁰ The policy is also applicable to Rabobank's direct investments.¹⁴¹ However, the policy allows for investments in passively managed funds containing less than 5% of controversial weapon producers.¹⁴²

An exception is made for passively managed funds controlled by external asset managers, as Rabobank states that its externally managed passive funds cannot be linked to more than 5% of its stock basket to controversial weapons. Rabobank has been in dialogue with external asset managers who do not yet exclude nuclear weapons.¹⁴³

Rabobank's exclusion list, which is based on external research, is not publicly available.¹⁴⁴

We commend Rabobank for having a nuclear weapons policy. Since last year's report, Rabobank has extended its nuclear weapons policy to the majority of its passively managed funds that are controlled by its own asset managers. However, the policy allows for investments in passively managed funds containing less than 5% of controversial weapon producers. The same exception is made for external passive funds. We encourage Rabobank to further strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website: https://www.rabobank.com/	Twitter: @Rabobank	Facebook: http://www.facebook.com/rabobank
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Royal Bank of Canada (Private, Canada)

The Royal Bank of Canada (RBC) is one of Canada's largest banks and provides personal and commercial banking, wealth management, insurance, investor services and capital markets products and services around the globe. The bank serves more than 16 million personal, business, public sector and institutional clients in 44 countries.¹⁴⁵

RBC does not provide financial services to companies involved in the development, production and trade of nuclear weapons and delivery systems that are specifically designed for these weapons.

The policy applies to corporate credit granting and project finance.¹⁴⁶ RBC also terminates existing loan contracts with nuclear weapon producers on a case-by-case basis. The bank has an exclusion list for certain countries, but the potential exclusion of companies is discussed on a case-by-case basis.¹⁴⁷

RBC is currently reviewing its weapons policy and consideration is being given to expanding the scope to its investment banking and asset management activities. RBC will also consider extending its policy to exclude companies involved in the maintenance of weapons of mass destruction.¹⁴⁸

RBC has made an estimated 1,165 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on RBC's investments can be found in the Hall of Shame.

We commend RBC for having a nuclear weapons policy. For a place in the Hall of Fame, RBC should apply its exclusion policy to investment banking and asset management activities. Moreover, companies involved in nuclear weapons maintenance and modernisation should be excluded. We look forward to assessing RBC's update of its nuclear weapons policy. We encourage RBC to further strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:
www.rbc.com/

Twitter:
[@RBC](https://twitter.com/RBC)

Facebook:
<https://www.facebook.com/rbc>

SEB (Private, Sweden)

Skandinaviska Enskilda Banken (SEB) is the leading corporate and investment bank in the Nordic countries, serving large corporations and financial institutions with corporate banking, trading and capital markets and global transaction services. SEB also provides about four million individual customers with financial advice and services for among others savings, loans, pension solutions and life insurance.¹⁴⁹

In the second half of 2013, SEB decided to no longer invest in companies involved in the development and manufacture of nuclear weapons.¹⁵⁰ Consequently, the bank divested from all investment holdings in these companies.¹⁵¹

The exclusion policy currently applies to all investments made on SEB's own account and to its actively managed funds. The bank is working on an update of its nuclear weapons policy that may feature more asset management categories, both managed internally and externally. SEB has already taken the decision to exclude nuclear weapons from its passively managed funds, but it is still implementing this in practice.¹⁵² Furthermore, SEB is looking into the possibilities of expanding the policy to its commercial banking and investment banking activities. The bank is also assessing whether to exclude companies involved in the maintenance and trade of nuclear weapons, as well as companies with activities related to delivery systems that are specifically designed for nuclear weapons.¹⁵³

SEB's exclusion list currently contains 12 companies with activities related to nuclear weapons: Babcock International, BAE Systems, EADS¹⁵⁴, Finmeccanica, General Dynamics, Huntington Ingalls Industries, Larsen & Toubro, Lockheed Martin, Northrop Grumman, Rolls Royce, Safran and United Technologies.¹⁵⁵ The exclusion list is based on the findings of data provider Ethix SRI Advisors.¹⁵⁶

SEB has made an estimated 662 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on SEB's investments can be found in the Hall of Shame.

We commend SEB for having a nuclear weapons policy. To be listed in the Hall of Fame, SEB should exclude companies involved in the maintenance of nuclear weapons and companies with activities related to specifically designed delivery systems. Furthermore, SEB's policy should cover commercial banking and investment banking activities and should be applied to all financial products. We look forward to assessing SEB's updated nuclear weapons policy and hope that it may be listed in the Hall of Fame in our next report.

Website:
<http://sebgroup.com/>

Twitter:
[@SEBGroup](https://twitter.com/SEBGroup)

Facebook:
<https://www.facebook.com/sebsverige>

Spoorwegpensioenfond (Private, the Netherlands)

Spoorwegpensioenfond (Railways Pension Fund) offers a pension plan to companies and past and present employees in the Dutch railway transport industry. It has over 29,000 active participants, 25,000 pensioners and 65 affiliated companies.¹⁵⁷

Spoorwegpensioenfond excludes investment in all companies that are directly involved in the development, production or maintenance of nuclear weapons or delivery systems for these weapons, as well as the trade in both.¹⁵⁸ Direct involvement is understood as “being involved in the production of key components of a nuclear weapon and/or components that are specifically designed to be used for/in nuclear weapons.”¹⁵⁹

Spoorwegpensioenfond’s exclusion policy applies to all asset management activities. External asset managers are instructed to fully apply the policy.¹⁶⁰

The pension fund recently increased its transparency by publishing the complete exclusion list, which currently contains 20 companies with activities related to nuclear weapons: Alliant Techsystems (ATK), Babcock International, Babcock & Wilcox, BAE Systems, Boeing, Dassault Aviation, EADS¹⁶¹, Exelis, GenCorp, General Dynamics, Huntington Ingalls Industries, Jacobs Engineering, Lockheed Martin, Northrop Grumman, Raytheon, Safran, Serco, Thales, United Technologies and URS.¹⁶²

Spoorwegpensioenfond was listed in the Hall of Fame of 2013’s report. This year however, we found an investment in nuclear weapons associated company ThyssenKrupp in its portfolio, which keeps Spoorwegpensioenfond from a place in the Hall of Fame. We encourage Spoorwegpensioenfond to divest from ThyssenKrupp so that it may be listed in the Hall of Fame in our next report.

Website:

<http://www.spoorwegpensioenfond.nl/>

Twitter:

@SPF_NL

SPOV (Private, the Netherlands)

Stichting Pensioenfond Openbaar Vervoer (SPOV- Public Transportation Pension Fund) offers a pension plan to companies, employees and former employees of the Dutch public transport sector. The pension fund has somewhat less than 11,000 members and over 10,000 pensioners.¹⁶³

SPOV does not invest in controversial weapons, which the pension fund defines as those weapons that cause a disproportionate number of human casualties. Nuclear weapons are among the examples of controversial weapons explicitly mentioned by SPOV.¹⁶⁴ SPOV excludes all companies involved in the development, production or maintenance of “key components of a nuclear weapon and/or components that are specifically designed to be used for/in nuclear weapons.” SPOV also excludes companies involved in the trade of nuclear weapons.¹⁶⁵

The exclusion policy applies to all asset management activities. External asset managers are instructed to fully apply the policy.¹⁶⁶

The pension fund recently increased its transparency by publishing the complete exclusion list, which currently contains 20 companies with activities related to nuclear weapons: Alliant Techsystems, Babcock International, Babcock & Wilcox, BAE Systems, Boeing, Dassault Aviation, EADS¹⁶⁷, Exelis, GenCorp, General Dynamics, Huntington Ingalls Industries, Jacobs Engineering, Lockheed Martin, Northrop Grumman, Raytheon, Safran, Serco, Thales, United Technologies and URS.¹⁶⁸

We commend SPOV for having a nuclear weapons policy. We encourage SPOV to divest from ThyssenKrupp, the last remaining nuclear weapons associated company in its portfolio, so that it may be listed in the Hall of Fame in our next report.

Website:

<http://www.spov.nl/>

Twitter:

@SPOV_NL

Swedbank (Private, Sweden)

Swedbank is Sweden's largest financial institution serving eight million private customers and over 600,000 corporate and institutional customers. Swedbank also has operations in Estonia, Latvia and Lithuania.¹⁶⁹

Swedbank's Position Paper on Defence Equipment outlines that "*Swedbank applies a zero tolerance principle for financial services to customers belonging to a Group that is manufacturing, modernising, selling or buying nuclear weapons.*"¹⁷⁰ If a company decides to get involved in nuclear weapons, Swedbank does not terminate existing loan contracts. However, a renewal of loans falls under the restrictions of the Position Paper and is not allowed.¹⁷¹ Swedbank Robur, Swedbank's asset manager, has implemented a policy that prohibits investment in nuclear weapon producers.¹⁷²

Swedbank also divests from investment holdings in nuclear weapon producers.¹⁷³ The policy applies to all asset management categories, except for investments made on behalf of third parties.¹⁷⁴ Swedbank has decided to exclude nuclear weapon producers from its index funds and it is currently in the process of implementing that decision.¹⁷⁵ Swedbank Robur mainly works with internal asset managers and has not yet focused on engagement with external fund-of-fund managers. However, it plans to do so in the future.¹⁷⁶

Swedbank Robur's published exclusion list contains 11 companies involved in nuclear weapons: Babcock & Wilcox, Babcock International, Airbus, GenCorp, Jacobs Engineering, Motovilikhinskie Zavody, Northrop Grumman, Raytheon, Safran, Serco and United Technologies.¹⁷⁷ The list is based on information from external research providers Global Engagement Services (GES) and Ethix SRI Advisors.¹⁷⁸

We commend Swedbank for having a nuclear weapons policy. We welcome the decision by Swedbank to divest from investment holdings in nuclear weapon producers. For a place in the Hall of Fame, the bank should also apply its policy to all asset management categories and third party investments, and terminate existing loan contracts with nuclear weapon producers. We encourage Swedbank to further strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:
www.swedbank.se/

Twitter:
[@Swedbank](https://twitter.com/Swedbank)

Facebook:
<https://www.facebook.com/swedbanksverige>

UniCredit (Private, Italy)

UniCredit is a leading Italian banking group that provides corporate, investment and private banking services.¹⁷⁹ It operates in 17 European countries.¹⁸⁰

UniCredit's Position Statement on the Defence/Weapons Industry states that "*any involvement of UniCredit in business transactions concerning weapons is restricted to countries that comply with the most important international Treaties and Conventions on the following issues: nuclear weapons, biological & chemical weapons, conventional weapons, missiles, small arms, light weapons and dual-use goods.*"¹⁸¹ In addition, the bank "*abstains from financing transactions involving manufacturing, maintaining or trading controversial/unconventional products such as nuclear, biological & chemical weapons of mass destruction, cluster bombs, mines and Uranium 238.*"¹⁸²

UniCredit considers delivery systems that are specifically designed for nuclear weapons to fall under the nuclear weapons category. Its definition of manufacturing includes the development of these weapons as well.¹⁸³

UniCredit's nuclear weapons policy applies to its commercial banking and investment banking activities.¹⁸⁴ The bank's asset management unit, Pioneer Investments, does not apply the nuclear

weapons policy to all asset management categories.¹⁸⁵

UniCredit makes use of an exclusion list, but the list is not publicly available.¹⁸⁶ The list is based on information from specialist advisory firms and tools such as Oekom and RepRisk.¹⁸⁷

UniCredit has made an estimated 1,786 million USD available to the nuclear weapon producers listed in this report since January 2011. More information on UniCredit's investments can be found in the Hall of Shame.

We commend UniCredit for having a nuclear weapons policy. For a place in the Hall of Fame, UniCredit should exclude companies as a whole rather than the activities of nuclear weapon producers. In addition, it remains unclear which nuclear weapons policy is maintained by UniCredit's asset manager. We encourage UniCredit to strengthen the policy, so that it may be listed in the Hall of Fame in a future update of this report.

Website:
<https://www.unicreditgroup.eu>

Twitter:
[@UniCredit_PR](https://twitter.com/UniCredit_PR)

Van Lanschot (Private, the Netherlands)

Van Lanschot Bankiers offers private banking to wealthy private customers, entrepreneurs and family companies, and merchant banking to business professionals and executives, healthcare professionals, and associations and foundations.

Van Lanschot does not finance or invest in companies involved in the development, production, testing, storing, maintenance and selling of controversial weapons, including nuclear weapons, or of essential components for these weapons, including specifically designed delivery systems.¹⁸⁸

Van Lanschot's exclusion policy applies to its commercial banking, investment banking and internal asset management activities. In 2013, 60% of the private banking and 71% of the asset management assets were screened by the responsible investment policy.¹⁸⁹

Not all funds that are controlled by external asset managers on behalf of Van Lanschot are incorporated in the nuclear weapons policy. However, the bank explains to its clients whether or not the investments managed by external asset managers comply with its policy, and leaves the decision to divest with the client.¹⁹⁰

Kempen & Co, Van Lanschot's asset manager and subsidiary, maintains an exclusion list on its website. It currently contains 7 companies involved in nuclear weapons: Bechtel, Babcock & Wilcox, Fluor, Honeywell International, Jacobs Engineering, Newport News Nuclear and Serco.¹⁹¹ The list is based on the findings of external research provider Global Engagement Services (GES).¹⁹²

We commend Van Lanschot for having a nuclear weapons policy. For a place in the Hall of Fame, Van Lanschot should apply the policy to all financial products including those managed by external asset managers. We encourage Van Lanschot to strengthen the policy, so that it may be listed in the Hall of Fame in our next report.

Website:
<https://www.vanlanschot.nl/>

Twitter:
[@VanLanschot](https://twitter.com/VanLanschot)

Facebook:
<https://facebook.com/vanlanschot>

Notes

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Nuclear Weapons Producers

In some nuclear-armed states – in particular the United States, the United Kingdom and France – private companies carry out the work of maintaining and modernising nuclear arsenals. This report looks at companies that are providing the necessary infrastructure to develop, test, maintain and modernise nuclear weapons. These companies are involved in producing or maintaining necessary elements to keep nuclear weapons in these arsenals. The companies described in this chapter are substantially involved in the nuclear weapons programmes of France, India, Israel, the United Kingdom and the United States and are themselves based in France, Germany, India, Italy, the Netherlands, the United Kingdom and the United States.

In other nuclear-armed countries – Russia, China, Pakistan and the Democratic People’s Republic of Korea (North Korea) – the maintenance and modernisation of nuclear forces is carried out primarily or exclusively by government agencies.

The nuclear weapons producers in this chapter were selected on the basis of a predetermined set of criteria.

- Information on investments is publicly available.
- The company is directly involved in the development, testing, production, maintenance or trade of nuclear weapons related technology, parts, products or services.
- The company’s involvement is related to warheads, or to delivery systems such as missiles, that are uniquely developed for nuclear tasks. This includes technology that is designed for ‘dual use’ (military and civilian) but excludes technology that is not designed for, but can be used in nuclear warfare. It does not include delivery platforms such as bombers and submarines.

The general definition of what constitutes a nuclear weapons producing company in this report remains unchanged, however there is a minor change in how the definition is applied. In this year’s report, a distinction is made between ‘delivery systems’ and ‘delivery platforms’. Delivery systems (missiles, rockets, missile torpedo launch installations, etc) continue to be considered ‘crucial components’ of

Aecom (United States)
Airbus Group (the Netherlands)
ATK (United States)
Babcock & Wilcox (United States)
BAE Systems (United Kingdom)
Bechtel (United States)
Boeing (United States)
CH2M Hill (United States)
Finmeccanica (Italy)
Fluor (United States)
GenCorp (United States)
General Dynamics (United States)
Honeywell International (United States)
Huntington Ingalls Industries (United States)
Jacobs Engineering (United States)
Larsen & Toubro (India)
Leidos (United States)
Lockheed Martin (United States)
Northrop Grumman (United States)
Raytheon (United States)
Rockwell Collins (United States)
Safran (France)
Serco (United Kingdom)
TASC (United States)
Textron (United States)
Thales (France)
ThyssenKrupp (Germany)
URS (United States)

nuclear arsenals. Delivery platforms (submarines, bombers, fighter planes, etc) however, are excluded. The reason for this clarification is that the previous application of the definition of a producer risked leading to methodological inconsistencies. While we believe that any definition has its own debatable grey areas, this clarification sets a much clearer boundary allowing for consistent application of the definition. It is important to note that some of the companies listed are involved in numerous activities related to the production of nuclear weapons and this chapter provides information on their wider involvement which could include both delivery systems and platforms.

The resulting list of companies compiled in this report is not exhaustive. It is an attempt to identify the privately owned companies that are currently most involved in the nuclear weapon industrial complex. There are numerous other companies involved on a smaller scale or more indirectly. For example, companies involved in the production of small parts used in the assembly or maintenance of nuclear devices or delivery vehicles. In that sense, it is important to note that the total involvement of financial institutions in the nuclear weapons industry is much larger than what is identified in this report. State owned or controlled nuclear industries are sadly outside the scope of this research as well, as are companies not publicly listed. The financing of nuclear programmes in China, India, Israel, The Democratic People's Republic of Korea (North Korea), Pakistan and Russia remain largely invisible.

The initial list of nuclear weapons producers was compiled through a wide variety of sources, including financial institution exclusion lists, civil society reports, media reports, etc.

Changes from previous reports

The first report was launched in 2012 and included 20 nuclear weapons producers. That number was expanded to 27 in 2013, and through additional research and information gathering now includes 28 companies.

In addition, some companies have changed their name. EADS is now Airbus Group; SAIC has divided into two companies, SAIC and Leidos. SAIC is no longer involved in the maintenance of nuclear arsenals, but Leidos is. Alliant Techsystems is now officially called ATK.

Bharat Electronics has been removed as the radar systems they produce for India's Defense Research and Development Organisation are not specifically designed for nuclear capable missiles.

Redhall Group was included in 2012 but has been excluded. They are a BAE Systems subcontractor and work on nuclear powered submarines but no current contracts for nuclear weapons delivery systems could be found.

Rolls-Royce was included in 2012 and 2013, but further research demonstrated that the parts they produce for the Royal Navy are not key components required for delivering Trident missiles. The stricter application of the nuclear weapons producing company definition excludes them from the 2014 report. This is also the case for Babcock International.

Raytheon, TASC and Textron have been included as research indicates recent contracts for the production of key components for nuclear weapons.

Finmeccanica was out of the 2013 report, as its earlier contracts had expired. However, new contracts bring them back into the report in 2014.

Modernisation

Ray Acheson

All of the nuclear-armed states are modernising their nuclear arsenals, and some are continuing to expand them.¹ China, the Democratic People's Republic of Korea (North Korea), France, India, Israel, Pakistan, Russia, the United Kingdom, and the United States collectively possess approximately 16,300 nuclear weapons.² They are preparing to spend an estimated one trillion US\$ on nuclear weapons over the next decade.³

While the nuclear-armed states pour grossly inflated sums into nuclear weapons, the fulfilment of disarmament commitments lies fallow. France and the UK have "capped" their arsenals and Russia and the US have somewhat reduced their deployed weapons under the New Strategic Arms Reduction Treaty. However, their modernisation planning and spending undermines the idea that these governments are committed in any way to achieving disarmament. Instead, they have each normalized into their political and economic architectures "smaller but still potentially world-destroying nuclear arsenals," despite post-Cold War social and political changes that were expected to make nuclear disarmament possible.⁴

China is reportedly phasing out its older missiles and replacing them with new ones in order to increase their range and sophistication.⁵ It is expected that after this is accomplished, China will speed up the modernisation of its sea-based strategic force.⁶

France is in the middle of a broad modernisation of its nuclear forces involving submarines, aircraft, missiles, warheads, and production facilities that will continue for another decade. The modernisation programme will ensure that it can maintain its capability until at least the 2030s.⁷

India is focusing on increasing the diversity, range, and sophistication of nuclear delivery vehicles. There are also plans to expand the nuclear weapons and missile production complex as well as the capacity to enrich uranium.⁸

Israel is continuing to "enhance" its triad of delivery systems. Nuclear weapons modernisation is related to modernisation activities in the

security sector generally, including in areas of information technology, advanced military technology, and outer space technology.

Pakistan has been rapidly developing and expanding its nuclear arsenal, increasing its capacity to produce plutonium, and testing and deploying a diverse array of nuclear-capable ballistic and cruise missiles.

The **Russian Federation** is retiring most of its currently operational Inter-Continental Ballistic Missiles (ICBMs) but new multiple-warhead missiles are being deployed to replace them. Russia is also upgrading its Sub Surface Ballistic Nuclear (SSBN) fleet and its strategic bomber fleet.

The **United Kingdom** is upgrading its current warheads in conjunction with the United States. Between 2015 and 2020 the UK will decide on the development of a new nuclear warhead. US modernisation of the D5 missile system will apply equally to the missiles on British submarines. If the Trident renewal programme is approved, the delivery of the first submarines will take place in 2028.

The **United States** is officially committed to modernising its nuclear bombs and warheads; the submarines, missiles, and aircraft that carry them; and the laboratories and plants that design, maintain, and manufacture nuclear weapons. US policy and budget documents all manifest an intent to keep some thousands of nuclear weapons in service for the foreseeable future, together with the capability to bring stored weapons back into service and to design and manufacture new weapons should they be desired.

The companies identified in this report are all involved in the modernisation programmes of nuclear armed states.

Profiles of Nuclear Weapons Producers

This section provides basic information about each of the 30 identified nuclear weapons producers, including their work on nuclear weapons. Information was gathered using websites and annual reports of military companies; military and government sources; research reports; trade magazines and general press reports. The selection of the nuclear weapon companies was based on availability of information on the company's involvement in the production of nuclear weapons and the likelihood that the company is predominantly financed by financial institutions.

Each section includes information about the general type of work the company does, contact information (website and Twitter, Facebook if available), financial information about the company and details about their involvement in nuclear weapons. A list is also included showing which financial institutions invest in each producer.

Quick guide:

Which companies in this report are involved in which arsenals?

France: Airbus Group (formerly EADS, the Netherlands), Safran (France), Thales (France)

India: Larsen & Toubro (India)

Israel: ThyssenKrupp (Germany)

United Kingdom: ATK (United States), BAE Systems (United Kingdom), GenCorp (United States), General Dynamics (United States), Honeywell International (United States), Jacobs Engineering (United States), Lockheed Martin (United States), Northrop Grumman (United States), Raytheon (United States), Serco (United Kingdom).

United States: Aecom (United States), ATK (United States), Babcock & Wilcox (United States), BAE Systems (United Kingdom), Bechtel (United States), Boeing (United States), CH2M Hill (United States), Finmeccanica (Italy), Leidos (United States), Lockheed Martin (United States), Fluor (United States), GenCorp (United States), General Dynamics (United States), Honeywell International (United States), Huntington Ingalls Industries (United States), Northrop Grumman (United States), Raytheon (United States), Rockwell Collins (United States), TASC (United States), Textron (United States), URS (United States)

Aecom (United States)

Company profile

Aecom is based in the United States and provides professional technical and management support services to a broad range of markets, including transportation, facilities, environmental, energy, water and government.⁹

In the financial year ending 30 September 2013, Aecom reported revenues of US\$ 8.1 billion (€ 6 billion), resulting in an operating profit of US\$ 377 million (€ 278 million) and a net income of US\$ 239 million (€ 176 million).¹⁰

Website:
www.aecom.com

Twitter:
@AECOM

Nuclear weapons

Together with partners Babcock & Wilcox, CH2M Hill and Northrop Grumman, Aecom is a joint venture partner in National Security Technologies (NSTec). The exact ownership distribution is not known. Since 2006, NSTec has managed the Nevada National Security Site (NNSS), previously known as the Nevada Test Site.¹¹ The US\$ 3.1 billion (€ 2.3 billion) contract includes operation and maintenance of over 500 facilities and laboratories as well as associated infrastructure, vehicles, and IT/communications.¹² The NNSS is the only US nuclear test site where subcritical tests are still taking place, and is a critical facility for the modernisation of the US nuclear arsenal. The most recent subcritical test was the Pollux test in December 2012.¹³

The joint venture is responsible for managing the nuclear explosives safety team, as well as support hazardous chemical spill testing, emergency response training, among other tasks.¹⁴ Aecom states it specifically oversees remote field experiments, multiple laboratory operations, waste management systems, and the design and fabrication of electronic, mechanical and structural systems at the NNSS.¹⁵

Investors

The following financial institutions have made approximately 9430 million USD available to AECOM since January 2011.

Alyeska Investment Group	Advisors	Mitsubishi UFJ Financial	RHJ International
ANZ	E.SUN Financial	Morgan Stanley	Scotiabank
AQR Capital Management	Fidelity Investments	Northern Trust	SinoPac Holdings
AXA	First Trust Advisors	Norwegian Government Pension Fund - Global	Standard Chartered
Bank of America	Geode Capital Management	Opus Capital Management	State Bank of India
Bank of Communications	Gotham Asset Management	Polar Capital Holdings	State Street
Barclays	Grupo BBVA	Poplar Forest Capital	Sumitomo Mitsui Financial
BB&T Corporation	HSBC	Power Financial Corporation	Taiwan Business Bank
BlackRock	Hua Nan Financial	Primecap	Taiwan Cooperative Financial
BMO Financial	JPMorgan Chase	Principal Financial	Taiwan Financial Holding
BNP Paribas	Keycorp	Prudential Financial	Two Sigma Investments
Central Bank of Libya	LSV Asset Management	Pzena Investment Management	US Bancorp
Chiba Bank	Lyrical Partners		Vanguard
Comerica	Mega Financial		W.T.B. Financial
Country Trust Bank			Wellington Management
Crédit Agricole			Wells Fargo
Dimensional Fund			



Airbus Group (The Netherlands)

Company profile

Airbus Group, based in the Netherlands, engages in the manufacture and sale of commercial aircraft, civil and military helicopters, commercial space launch vehicles, missiles, military aircraft, satellites, military systems and military electronics. In May 2014, the company changed its corporate name from EADS to Airbus Group.¹⁶

In the year ending 31 December 2013, Airbus/EADS generated revenues of € 59.3 billion, resulting in an operating profit of € 2.6 billion and a net profit of € 1.5 billion.¹⁷

Website:
<http://www.airbus.com/>

Twitter:
[@Airbus](https://twitter.com/Airbus)

Facebook
<https://www.facebook.com/AirbusGroup>

Nuclear weapons

Airbus/EADS and its predecessor companies have been involved in the French nuclear weapons programme from the outset. The company's subsidiary Astrium is the prime contractor for development, production, deployment and maintenance services for all French nuclear missile systems. Safran, Thales, SNPE (part of Safran-subsiary Herakles) and DCNS are the main subcontractors. Airbus/EADS developed and produced the M4, M45 and M5-generations of ballistic missiles which feature multiple warheads and have a range of over 4,000 km. Astrium also developed an enhanced version, the M45, with higher-performance TN75 nuclear warheads. The M45 entered service aboard the Triomphant submarine in 1997.¹⁸ The nuclear submarine Le Terrible has been equipped with the M51 since late 2010. The missile will also enter operational service aboard the other new-generation submarines, Triomphant and Téméraire, after retrofit. A second version of the missile, with new nuclear warheads, will be commissioned from 2015.¹⁹ Airbus/EADS is also involved in the feasibility studies for the new class of French nuclear-capable "future submarines".²⁰

Investors

The following financial institutions have made approximately 24352 million USD available to Airbus Group since January 2011.

ANZ	Groupe BPCE	Manulife Financial
Bank of America	Grupo BBVA	MassMutual Financial
Barclays	Grupo Santander	Mitsubishi UFJ Financial
BayernLB	Helaba	Mizuho Financial
BlackRock	HSBC	Morgan Stanley
BNP Paribas	Industrial and Commercial Bank	Primecap
Capital Group	of China	Principal Financial
Citigroup	ING Group	Royal Bank of Canada
Commerzbank	Intesa Sanpaolo	Royal Bank of Scotland
Commonwealth Bank of	JPMorgan Chase	Skandinaviska Enskilda Banken
Australia	KfW	Société Générale
Crédit Agricole	Legg Mason	Sumitomo Mitsui Financial
Crédit Mutuel	Lloyds Banking Group	Toronto-Dominion Bank
Credit Suisse		UBS
DBS		UniCredit
Deutsche Bank		Vanguard
DZ Bank		Viking Global Investors
Erste Bank		Westpac Banking
Goldman Sachs		



ATK (United States)

Company profile

ATK, formerly known as Alliant Techsystems, based in the United States, supplies aerospace and military products to the US government, allied nations and prime contractors. The company's main business segments are aerospace systems, armament systems, missile products, security and sporting.²¹

In the financial year ending 31 March 2014, ATK reported revenues of USD 4.8 billion (€ 3.7 billion), resulting in an operating profit of USD 590 million (€ 460 million) and a net profit of USD 341 million (€ 266 million).²²

Website:
<http://www.atk.com/>

Twitter:
@ATK

Facebook
<https://www.facebook.com/ATK>

Nuclear weapons

In November 2009, ATK received a USD 100 million (€ 67 million) contract from Lockheed Martin to produce rocket propulsion systems for all three stages of the US Navy's Trident II (D5) solid propellant, inertial guided missile system through 2013.²³

ATK is also responsible for refurbishing all three solid propellant stages of the Minuteman III Intercontinental Ballistic Missile (ICBM) under the plan to keep the missiles operational until at least 2030.²⁴

In October 2013, ATK Launch Systems was awarded a USD 49.4 million (€ 36.4 million) contract for research and development of the Medium Class Stage III motor that may be applicable to multiple future common strategic propulsion systems. This begins the development of a flight motor design that will be a direct replacement for the SR-73, which is the third stage motor on the Minuteman III ICBM. Work is expected to be completed by October 2016.²⁵

Investors

The following financial institutions have made approximately 5539 million USD available to ATK since January 2011.

Affiliated Managers Group
AJO
Allianz
Alyeska Investment Group
Amalgamated Bank of
Chicago
American Century
Companies
AQR Capital Management
Arovid Associates
Associated Banc-Corp
Banco de Sabadell
BancPlus
Bank Hapoalim
Bank of America
Bank of America
Bank of America
Bank of New York Mellon
Banner Bank
BB&T Corporation
BlackRock
California First National
Bancorp
Cascade Bancorp

Central Pacific Financial
Corporation
Citigroup
Comerica
Crédit Mutuel
D.E. Shaw & Co.
Dimensional Fund Advisors
Discovery Capital
Management
E.SUN Financial
Eastern Bank
Fidelity Investments
Fifth Third Bancorp
First Eagle Investment
Management
First Niagara Financial
Fubon Group
Geode Capital Management
Goldman Sachs

Hua Nan Financial
JPMorgan Chase
Keycorp
Land Bank of Taiwan
LSV Asset Management
Mitsubishi UFJ Financial
Mitsubishi UFJ Financial
Mizuho Financial
Morgan Stanley
Morgan Stanley
New York State Common
Retirement Fund
Northern Trust
Northern Trust
Old Mutual
People's United Financial
PNC Financial Services
Point72 Asset Management
Raymond James Financial

Regions Financial
Royal Bank of Canada
Royal Bank of Canada
Siemens Financial Services
State Bank of India
State Street
Stifel Financial
Sumitomo Mitsui Financial
SunTrust Banks
SunTrust Banks
Synovus Financial
Corporation
The London Company of
Virginia
TIAA-CREF
Trimaran Capital Partners
Two Sigma Investments
US Bancorp
US Bancorp
Vanguard
Wells Fargo
Wells Fargo
Western & Southern Mutual



Babcock & Wilcox (United States)

Company profile

Babcock & Wilcox Company, based in the United States, provides energy technology and services primarily for the nuclear, fossil fuel and renewable power markets worldwide. The company's four business units are nuclear energy, nuclear operations, power generation and technical services.²⁶

In the financial year ending 31 December 2013, Babcock & Wilcox reported revenues of USD 3.3 billion (€ 2.4 billion), resulting in an operating profit of USD 536 million (€ 389 million) and a net profit of USD 346 million (€ 251 million).²⁷

Website: www.babcock.com/	Twitter: @BabcockWilcox	Facebook https://www.facebook.com/ TheBabcockWilcoxCompany
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Nuclear weapons

Babcock & Wilcox offers various services, including uranium processing, environmental site restoration and operating services, for a number of government-owned facilities, primarily within the US nuclear weapons complex.²⁸

The nuclear operations division of the company engages in uranium processing as well as the manufacture of heavy-walled nuclear components and vessels.²⁹ Subsidiaries of the Technical Services Group of Babcock & Wilcox maintain several US nuclear weapons related facilities. In the Y-12 National Security Complex in Tennessee, jointly managed by Babcock & Wilcox and Bechtel National, nuclear weapons are produced and refurbished.³⁰ At the Pantex Plant in Texas, the life extension programme for the W76 warheads deployed on Trident II (D5) ballistic missiles is expected to continue through 2018 and also involves engineers, scientists and technicians from Y-12, Savannah River Site, Kansas City Plant, Los Alamos National Laboratory and Sandia National Laboratories.³¹ At Pantex, Babcock & Wilcox is responsible for security maintenance, processing, packaging and transport of nuclear materials.³²

The Lawrence Livermore (LLNL) and Los Alamos National Laboratories (LANL) are jointly managed by Babcock & Wilcox, University of California, Bechtel and URS Corporation.³³ The LANL contract alone has a total value of USD14 billion (€ 10 billion).³⁴

Babcock & Wilcox, with Aecom, CH2M Hill and Northrop Grumman, is also a joint venture partner in National Security Technologies (NSTec) which manages the Nevada National Security Site (NNSS), previously known as the Nevada Test Site.³⁵

In April 2014, Babcock & Wilcox announced that it was awarded four new incrementally funded contracts totalling USD 76.8 million (€ 55.6 million) for engineering design, fabrication and further development work on the Ohio-class submarine replacement program.³⁶ The next generation nuclear ballistic submarine (Ohio-class Replacement Program boats (ORP)) will field 16 missile tubes armed with Trident II (D5) submarine launched ballistic missiles. Under the terms of the latest START treaty, the replacement boat force will carry about 70 percent of the US strategic nuclear warheads, placing a greater emphasis on the navy over the air force's nuclear bombers and intercontinental ballistic missile (ICBM) forces.³⁷



Investors

The following financial institutions have made approximately 3308 million USD available to Babcock & Wilcox since January 2011.

Allianz	Janus Capital Group
Ameriprise Financial	JPMorgan Chase
Bank of America	Kingstown Capital Management
BB&T Corporation	LionEye Capital Management
Becker Capital Management	Lord, Abbett & Co
BlackRock	Luminus Management
Blue Harbour Group	Millennium Management
BNP Paribas	Mitsubishi UFJ Financial
Boston Private Financial	New Jersey Department of the Treasury
Burgundy Asset Management	Northern Trust
Comerica	PNC Financial Services
Crédit Agricole	Reinhart Partners
D.E. Shaw & Co.	Schroders
Fidelity Investments	Scotiabank
Fifth Third Bancorp	Starboard Value
First Trust Advisors	State Street
Geode Capital Management	Sumitomo Mitsui Financial
Glenview Capital Management	T. Rowe Price
Greenlight Capital	Toronto-Dominion Bank
Groupe BPCE	US Bancorp
Grupo BBVA	Vanguard
Hancock Holding	Wells Fargo
Invesco	

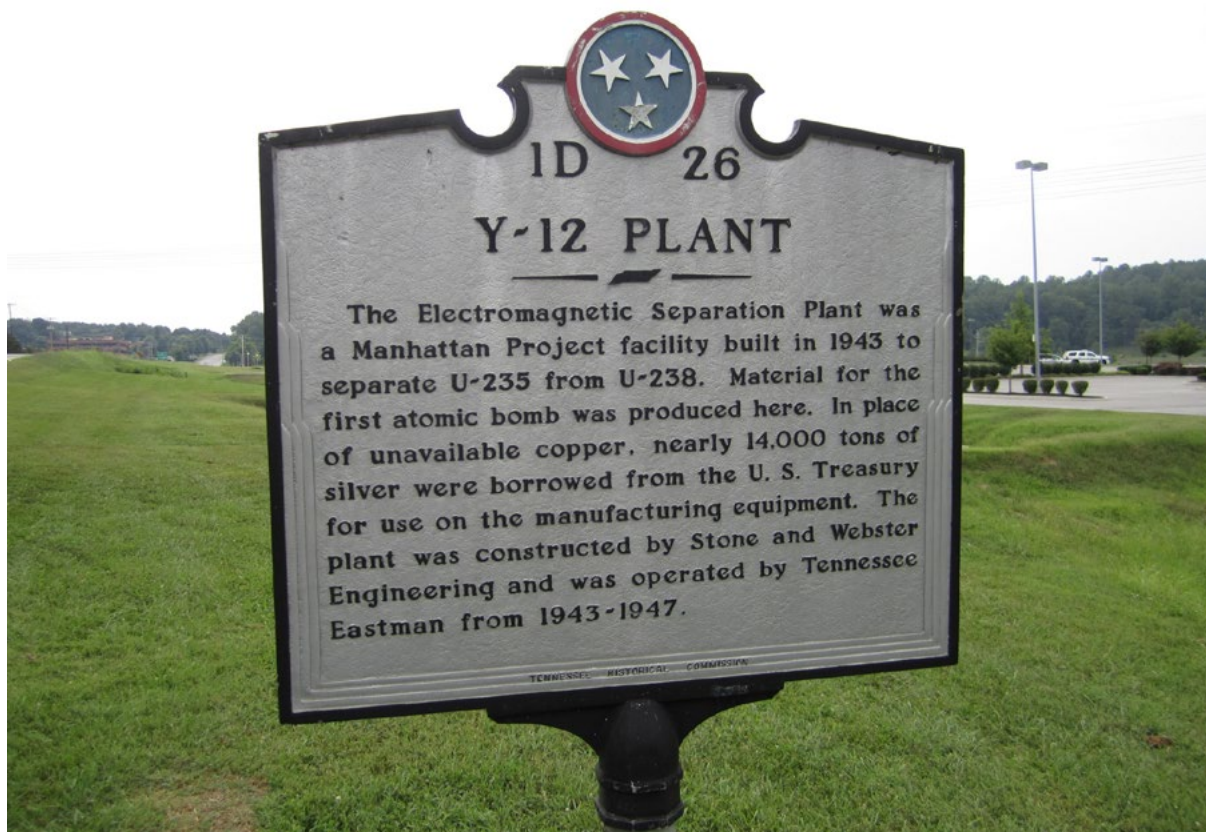


Photo courtesy of Knoxblogs.com by Frank Munger

BAE Systems (United Kingdom)

Company profile

BAE Systems, based in the United Kingdom, operates as a military, security and aerospace company worldwide. The company's main segments are electronic systems, intelligence & security, maritime, military air & services and support solutions.³⁸

In the financial year ending 31 December 2013, BAE Systems reported revenues of £ 16.9 billion (€ 20.2 billion), resulting in an operating profit of £ 806 million (€ 965 million) and a net profit of £ 168 million (€ 201 million).³⁹

Website: www.baesystems.com/	Twitter: @BAESystemsplc	Facebook: https://www.facebook.com/BAESystemsplc
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Nuclear weapons

In December 2013, BAE Systems Technology Solutions was awarded a US\$ 56.5 million (€ 41.7 million) contract for the US and UK Trident II (D5) strategic weapons system programmes, US guided missile submarine attack weapons system programmes, nuclear weapons security, and future concepts, with completion expected in September 2014. BAE Systems will also provide various products for the Common Missile Compartment concept development effort to ensure that the existing Trident II (D5) is compatible with the concept being pursued for the program. The maximum value, including the base period and two optional years is US\$ 171.4 million (€ 124.6 million).⁴⁰

In August 2013, BAE Systems took over from Northrop Grumman as the prime contractor for Minuteman III Intercontinental Ballistic Missile (ICBM) system engineering/technical assistance support, training and development. The contract awarded by the US Air Force is worth more than US\$ 535 million (€ 403.3 million) and runs through 2021. The takeover of tasks by BAE from Northrop Grumman was completed in June 2014.⁴¹

Investors

The following financial institutions have made approximately 20475 million USD available to BAE Systems since January 2011.

Aberdeen Asset Management	Commerzbank	Lincoln National Corporation	Pacific Mutual
ABP	Commonwealth Bank of Australia	Lloyds Banking Group	Prudential
Allianz	Crédit Agricole	Loews Corporation	Prudential Financial
Allstate Corporation	Crédit Mutuel	LSV Asset Management	Royal Bank of Canada
American Century Companies	Credit Suisse	Majedie Asset Management	Royal Bank of Scotland
American International Group	Deutsche Bank	Manulife Financial	Schroders
Ameriprise Financial	Epoch Investment Partners	Marathon Asset Management	Silchester International Investors
ANZ	Fidelity Investments	MassMutual Financial	Skandinaviska Enskilda Banken
Artemis Investment Management	Franklin Resources	Mercator Asset Management	Société Générale
AXA	Global Atlantic Financial	MetLife	State Street
Bank of America	Goldman Sachs	Mitsubishi UFJ Financial	Sumitomo Mitsui Financial
Bank of New York Mellon	Grantham, Mayo, Van Otterloo	Mizuho Financial	Sun Life Financial
Barclays	Invesco	Morgan Stanley	Symetra Financial
BlackRock	JPMorgan Chase	National Bank of Abu Dhabi	TIAA-CREF
BNP Paribas	Jupiter Fund Management	New York Life Insurance Company	Toronto-Dominion Bank
Capital Group	Kuwait Investment Authority	Northwestern Mutual Life Insurance	UBS
Citigroup	Legal & General		Unum Group
CNO Financial	Liberty Mutual Insurance		USS Investment Management
			Vanguard
			Wells Fargo

BAE SYSTEMS

Bechtel (United States)

Company profile

Bechtel Group, a private company based in the United States, operates as an engineering, construction and project management company. Its business units are civil infrastructure, communications, mining and metals, oil, gas and chemicals, power and US government services.⁴²

In the financial year ending 31 December 2012, Bechtel Group reported revenues of USD 37.9 billion (€ 25.4 billion). Profits are not reported by the company.⁴³

Website:
<http://www.bechtel.com/>

Twitter:
@Bechtel

Facebook:
<https://www.facebook.com/bechtelcorp>

Nuclear weapons

Bechtel's business unit US Government Services (Bechtel National) assists the US Department of Energy (DoE) in the areas of national security, scientific research and environmental clean-up. In the Y-12 National Security Complex in Tennessee, jointly managed by Bechtel National and Babcock & Wilcox, nuclear weapons are produced and refurbished.⁴⁴

The Lawrence Livermore (LLNL) and Los Alamos National Laboratories (LANL), jointly managed by Babcock & Wilcox, University of California, URS Corporation and Bechtel, play an important role in the research, design, development and production of nuclear weapons.⁴⁵ The contract of the consortium to manage the LANL's nuclear and other operations has a total value of USD 14 billion (€ 10 billion).⁴⁶

Investors

The following financial institutions have made approximately 6475 million USD available to Bechtel since January 2011.

Bank of America
Barclays
BNP Paribas
Citigroup
Crédit Agricole

JPMorgan Chase
Lloyds Banking Group
Mitsubishi UFJ Financial
Royal Bank of Scotland



Boeing (United States)

Company profile

Boeing, based in the United States, is the world's largest aerospace company and a leading manufacturer of jetliners and military, space and security systems. Its products and services include commercial and military aircraft, satellites, bombs and missiles, electronic and military systems, launch systems, advanced information and communication systems, and performance-based logistics and training.⁴⁷

In the financial year ended 31 December 2013, Boeing reported revenues of US\$ 86.6 billion (€ 63.0 billion), resulting in an operating profit of US\$ 6.6 billion (€ 4.8 billion) and a net profit of US\$4.6 billion (€ 3.3 billion).⁴⁸

Website:

<http://www.boeing.com/boeing/>

Twitter:

@Boeing

Nuclear weapons

Since 1958, Boeing has been responsible for the development and production of the US long-range nuclear LGM-30 Minuteman Intercontinental Ballistic Missiles (ICBM) (versions I, II and III). All Minuteman I and II have been retired.⁴⁹ However, there are still 450 Minuteman III deployed today.⁵⁰

Boeing is responsible for guidance, flight controls, secure codes, ground subsystems, weapons systems testing and engineering in this project. The modernisation programme is meant to extend the service life of Minuteman III through the year 2030.⁵¹

Since 2013, Boeing along with Lockheed Martin, Northrop Grumman and Raytheon, are under contract to conduct studies in support of the Air Force Long-Range Standoff (LRSO) missile plans. This line-up is expected to become a four-way competition to build a Long Range Standoff weapon. The Air Force and National Nuclear Security Administration have not yet chosen a nuclear warhead to go on the LRSO.⁵² It is expected to incorporate one of three existing nuclear warhead designs: either the B61-12, the W84, or the W80-1.⁵³



Investors

The following financial institutions have made approximately 59302 million USD available to Boeing since January 2011.

Adage Capital Management	Loop Capital
American Century Companies	Manulife Financial
ANZ	MetLife
AXA	Mitsubishi UFJ Financial
Bank of America	Mizuho Financial
Bank of China	Morgan Stanley
Bank of New York Mellon	National Bank of Abu Dhabi
Barclays	Neuberger Berman
BayernLB	New York Life Insurance Company
BlackRock	Northern Trust
BNP Paribas	Northwestern Mutual Life Insurance
Capital Group	Prudential
Citigroup	Prudential Financial
Commerzbank	Riyad Bank
Crédit Agricole	Royal Bank of Canada
Credit Suisse	Royal Bank of Scotland
DBS	Société Générale
Deutsche Bank	Standard Chartered
Eaton Vance	State Street
Epoch Investment Partners	Sumitomo Mitsui Financial
Evercore	T. Rowe Price
Fidelity Investments	TIAA-CREF
Geode Capital Management	UBS
Goldman Sachs	US Bancorp
Groupe BPCE	Vanguard
Grupo BBVA	Waddell & Reed Financial
Grupo Santander	Wells Fargo
Hartford Financial Services	Westpac Banking
Huntington Bancshares	Williams Capital Group
ICICI Bank	
Industrial and Commercial Bank of China	
Intesa Sanpaolo	
Janus Capital Group	
JPMorgan Chase	
Lloyds Banking Group	

CH2M Hill (United States)

Company profile

CH2M Hill provides consulting, design, design-build, operations, and programme management services for the energy, environmental, facilities, resources, transportation and water sectors.⁵⁴

In financial year 2013, CH2M Hill generated revenues of US\$ 5.9 billion (€ 4.3 billion), resulting in an operating profit of US\$ 192 million (€ 139 million) and a net profit of US\$ 118 million (€ 86 million).⁵⁵

Website:
www.ch2m.com/

Twitter:
[@ch2mhill](https://twitter.com/ch2mhill)

Facebook:
<https://www.facebook.com/CH2MHILL>

Nuclear weapons

CH2M Hill, with Aecom, Babcock & Wilcox and Northrop Grumman, is a joint venture partner in National Security Technologies (NSTec). The exact ownership distribution is not known. Since 2006, NSTec manages the Nevada National Security Site (NNSS), previously known as the Nevada Test Site.⁵⁶ This US\$ 3.1 billion (€ 2.3 billion) contract includes the operation and maintenance of over 500 facilities and laboratories as well as the associated infrastructure, vehicles, and IT/communications.⁵⁷ The NNSS is the only US nuclear test site where subcritical tests are still taking place. The most recent one was the Pollux test in December 2012.⁵⁸

Among other, the joint venture is responsible for managing the nuclear explosives safety team, as well as support hazardous chemical spill testing, emergency response training. CH2M Hill claims to be tasked with planning and integration for the entire site, waste management, including operating a low level radioactive disposal facility, environmental restoration of the land contaminated from many years of nuclear testing, and legal counsel.⁵⁹

Investors

The following financial institutions have made approximately 2000 million USD available to CH2M Hill since January 2011.

Bank of America
BNP Paribas
HSBC
JPMorgan Chase
Mitsubishi UFJ Financial

Northern Trust
Royal Bank of Scotland
US Bancorp
Wells Fargo

CH2MHILL®

Finmeccanica (Italy)

Company profile

Finmeccanica, based in Italy, develops products and services in the fields of aerospace, military, security and transportation.⁶⁰

In the year ending 31 December 2013, Finmeccanica generated revenues of € 16.0 billion, resulting in an operating profit of € 46 million and a net profit of € 28 million.⁶¹

Website:
www.finmeccanica.com/

Twitter:
[@finmeccanicaweb](https://twitter.com/finmeccanicaweb)

Nuclear weapons

Finmeccanica's US-subsiary DRS obtained a US\$ 25 million (€ 18.8 million) contract from the US Air Force in June 2013 for the design, development and delivery of two Transporter Erector Replacement Vehicles to support the Intercontinental Ballistic Missile (ICBM) Minuteman III-fleet.⁶² Transporter Erectors play a critical role as the sole vehicle used for transporting, positioning and removing the Minuteman III-boosters at various US-launch facilities. It is considered a vital piece of equipment for the ICBM weapon system.⁶³

Delivery of the first two Transporter Erectors is to be completed by November 2015. If all options are exercised by the Air Force, the total value of the Transporter Erector Replacement Program (TERP) could reach over US\$ 92 million (€ 69.3 million) for up to 26 mobile vehicles to be delivered through 2019. The operation is overseen by the Air Force Global Strike Command.⁶⁴

Investors

The following financial institutions have made approximately 5797 million USD available to Finmeccanica since January 2011.

Anima	BNP Paribas	Grantham, Mayo, Van	Mediolanum
Banca Carige	Citigroup	Otterloo	Mitsubishi UFJ Financial
Banca Monte dei Paschi di Siena	Commerzbank	Grupo BBVA	Morgan Stanley
Banca Popolare di Sondrio	Crédit Agricole	Grupo Santander	Norwegian Government Pension Fund - Global
Banca Popolare Emilia Romagna	Crédit Mutuel	Gruppo BPM	Royal Bank of Scotland
Bank of America	Deutsche Bank	Intesa Sanpaolo	Société Générale
Bank of China	Dimensional Fund Advisors	JPMorgan Chase	Sumitomo Mitsui Financial
Barclays	DNCA Finance	Libyan Investment Authority	UBI Banca
BlackRock	Fidelity Investments	Majedie Asset Management	UniCredit
	General Electric		Vanguard
	Goldman Sachs		



Fluor (United States)

Company profile

Fluor, based in the United States, provides complex engineering, procurement, construction, and maintenance (EPCM) projects for commercial and government clients.⁶⁵

In the year ending 31 December 2013, Fluor generated revenues of US\$ 27.3 billion (€ 19.3 billion), resulting in an operating profit of US\$ 1.2 billion (€ 872 million) and a net profit of US\$ 668 million (€ 485 million).⁶⁶

Website:
www.fluor.com

Twitter:
@FluorCorp

Nuclear weapons

Fluor is the lead partner in Savannah River Nuclear Solutions (SRNS), a joint venture with Honeywell and Newport News Nuclear (part of Huntington Ingalls).⁶⁷ SRNS is responsible for the management and operation of the Department of Energy's Savannah River Site and Savannah River National Laboratory in South Carolina under a US\$ 4 billion (€ 2.7 billion) five-year contract until 2013. The Department of Energy prolonged the contract in September 2012 until September 2016. The extension brings the total value of the SRNS contract to approximately US\$ 8 billion (€ 5.4 billion).⁶⁸

SRNS is responsible for site management and operation, environmental management, management of the nuclear arsenal, the removal of excess nuclear materials, and environmental services. The Tritium Extraction Facility at the Savannah River Site is the only source of new tritium for the US nuclear stock. Tritium, a radioactive form of hydrogen (also called "super heavy water"), is essential for the continued operation of the US nuclear arsenal.⁶⁹

Investors

The following financial institutions have made approximately 12859 million USD available to Fluor since January 2011.

Aetna	Employees' Retirement	Impala Asset	Pension Fund - Global
Allianz	System	Management	Orix Corporation
Allstate Corporation	Carmignac Gestion	ING Group	Pacific Mutual
American Financial Group	Citigroup	Intesa Sanpaolo	Peconic Partners
American International	Crédit Agricole	Invesco	Pekin Singer Strauss
Group	Credit Suisse	JPMorgan Chase	Asset Management
American National	Crestview Partners	Kansas City Life Insurance	Protective Life Corp
Financial Group	Fidelity Investments	Group	Prudential Financial
American United Mutual	Genworth Financial	Knights of Columbus	Scotiabank
Insurance	Geode Capital	Legg Mason	Standard Chartered
ANZ	Management	Lloyds Banking Group	State Farm
Auto-Owners Insurance	Goldman Sachs	Mitsubishi UFJ Financial	State Street
AXA	Grupo Santander	Modern Woodmen of	Sun Life Financial
Bank of America	Guardian Life Insurance	America	SunTrust Banks
Bank of New York Mellon	Company of America	New York Life Insurance	The Travelers Companies
Barclays	HSBC	Company	Thrivent Financial
Beck, Mack & Oliver	Illinois Mutual Life	Northern Trust	TIAA-CREF
BlackRock	Insurance	Norwegian Government	UBS
BNP Paribas			United Fire Group
Boston Mutual Life			US Bancorp
Insurance			Vanguard
Brown Advisory			Voya Financial
California Public			Wells Fargo

FLUOR[®]

GenCorp (United States)

Company profile

GenCorp, based in the United States, is engaged in aerospace and military (through subsidiary Aerojet) and real estate (Easton).⁷⁰

In the financial year ending 30 November 2013, GenCorp generated revenues of US\$ 1.4 billion (€ 1.0 billion), resulting in an operating profit of US\$ 22 million (€ 16 million) and a net profit of US\$ 168 million (€ 123 million). The aerospace and military activities organized under Aerojet accounted for 99% of the revenues.⁷¹

Website: www.gencorp.com/	Twitter: @AerojetRdyne	Facebook: https://www.facebook.com/AerojetRdyne
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Nuclear weapons

Aerojet, GenCorp's aerospace and military company, has been involved in design, development and production of land-based and sea-based nuclear ballistic missile systems for 50 years.⁷² It currently produces solid and liquid propulsion systems for the Minuteman III and Trident II (D5) nuclear missile systems.⁷³ There are 450 Minuteman III currently deployed and they are expected to stay active until at least 2030.⁷⁴ The submarine-launched Trident II (D5) missile is currently aboard US Ohio-class and British Vanguard-class submarines.⁷⁵ The US is planning to keep the Trident II missiles deployed until 2042.⁷⁶

In December 2013, Aerojet was awarded a US\$ 28.9 million (€ 21.2 million) contract under the Air Force Nuclear Weapons Center Propulsion Applications Program (PAP) to develop a Medium Class Stage III motor with propulsion technologies applicable to multiple future common strategic propulsion systems. The programme aims to provide a direct replacement solution option for the Minuteman III stage III motors. Besides modernising and replacing Minuteman III, the motors are also meant to support a wide range of potential strategic propulsion systems. Work is planned to be completed by October 2016.⁷⁷

Investors

The following financial institutions have made approximately 2450 million USD available to GenCorp since January 2011.

Affiliated Managers Group	First Eagle Investment Management	Lawson Kroeker Investment Management	Retirement System
Ameriprise Financial	Gamco Investors	Lazard	Old Mutual
AQR Capital Management	GenCorp, Inc. Retirement Savings Plan	Legal & General	Oppenheimer Holdings
Bank of America	Geode Capital Management	Legg Mason	OxFORD Asset Management
Bank of New York Mellon	Glenhill Capital Management	Lodge Hill Capital	Principal Financial
BlackRock	Hartford Financial Services	Lord, Abbett & Co	Regions Financial
BlueMountain Capital Management	Hirzel Capital Management	M&T Bank Corporation	Royal Capital Management
Capstone Investment Advisors	Invesco	MFP Investors	Silverback Asset Management
Carlson Capital	IONIC Capital Management	Mitsubishi UFJ Financial	Skytop Capital Management
Chesapeake Partners Management	JPMorgan Chase	Morgan Stanley	State Street
Citigroup	Keeley Asset Management	New York Life Insurance Company	Steel Partners Holdings
City National Corporation	Kennedy Capital Management	NewSouth Capital Management	Sun Life Financial
Creative Solution Services	Kingstown Capital Management	Northern Trust	Sunrise Partners
D.E. Shaw & Co.		NorthPointe Capital	SunTrust Banks
Deutsche Bank		Ohio Public Employees	T. Rowe Price
Dimensional Fund Advisors			TIAA-CREF
Eaton Vance			Tiger Management
Ferguson Wellman Capital Management			US Bancorp
Fidelity Investments			Vanguard
			Water Street Capital
			Wells Fargo
			Winslow Asset Management



General Dynamics (United States)

Company profile

General Dynamics, based in the United States, provides business aviation, land and expeditionary combat systems, armaments and munitions, shipbuilding and marine systems, and information systems, technologies, and mission-critical information systems and technology.⁷⁸

In the financial year ended 31 December 2013, General Dynamics generated revenues of US\$ 31.2 billion (€ 22.7 billion), resulting in an operating profit of US\$ 3.7 billion (€ 2.6 billion) and a net profit of US\$ 2.4 billion (€ 1.7 billion).⁷⁹

Website:
www.generaldynamics.com/

Twitter:
@GD_AIS

Nuclear weapons

Since 2005, General Dynamics' Advanced Information Systems (GDAIS) has been involved in a project with Honeywell International and Raytheon to stretch the lifecycle of the guidance systems of the Trident II (D5) nuclear missiles of the US Navy.⁸⁰ In January 2012, it obtained another US\$ 96 million (€ 75 million) contract for production and deployed-systems support of the Trident II-weapons system, with a maximum contract value of US\$ 225 million (€ 173 million) if all options are exercised.⁸¹ The submarine-launched Trident II (D5) missile is currently aboard US Ohio-class and British Vanguard-class submarines.⁸² The US are planning to keep the Trident II missiles deployed until 2042.⁸³

In December 2013, GDAIS was awarded a US\$ 115 million (€ 84.2 million) contract for a range of engineering, development, and production activities to support to US and UK Trident II Strategic Weapons Systems. The maximum dollar value, including the base period and one option year, is US\$ 217.7 million (€ 159.4 million). Work is expected to be completed by March 2016.⁸⁴

General Dynamics Electric Boat, a subsidiary of General Dynamics, built the Ohio-class nuclear submarines for the US Navy, equipped with up to 24 multiple warhead ballistic missiles (SLBMs). The strategic weapon on board is the Trident II (D5) missile.⁸⁵ As the website of General Dynamics Electric Boat claims, these submarines are "*the most powerful ships ever put to sea*", referring to the nuclear explosive power aboard the submarines.⁸⁶ In January 2013, the company was awarded a US\$ 4.6 billion (€ 3.5 billion) contract to design and develop the next-generation strategic deterrent submarine.⁸⁷

Investors

The following financial institutions have made approximately 34162 million USD available to General Dynamics since January 2011.

Abrams Bison Investments
Aflac
Allstate Corporation
American Family Mutual Insurance
Ameriprise Financial
ANZ
Bank of America
Bank of New York Mellon
Barclays
BlackRock
Capital Group
Cowen
Credit Suisse
Evercore
Fidelity Investments
First Pacific Advisors
Franklin Resources

General Electric
Geode Capital Management
Goldman Sachs
Groupe BPCE
Grupo BBVA
Grupo Santander
Invesco
JPMorgan Chase
Lazard
Lincoln National Corporation
Lloyds Banking Group
Longview Asset Management
Lord, Abbett & Co
Marsico Capital Management
Mitsubishi UFJ Financial

Mizuho Financial
National Bank of Abu Dhabi
Neuberger Berman
New York Life Insurance Company
Northern Trust
Northwestern Mutual Life Insurance
Och-Ziff Capital Management Group
Old Mutual
PNC Financial Services
Power Financial Corporation
Prudential Financial
Riyad Bank

Royal Bank of Scotland
Ruffer
Sanders Capital
Scotiabank
State Farm
State Street
Sumitomo Mitsui Financial
SunTrust Banks
Svenska Handelsbanken
Swiss Re
The Travelers Companies
TIAA-CREF
Toronto-Dominion Bank
US Bancorp
Vanguard
Wellington Management
Wells Fargo
Williams Capital Group

GENERAL DYNAMICS

Compelling Corporate Change

Can the people take on corporate giants and win? The mass boycott of General Electric (GE) in the 1980s was successful in putting pressure on the company to end its decades-long involvement in the nuclear weapons industry. Kelle Louaillier, the executive director of Corporate Accountability International (formerly Infact), explained how it was done in this 2012 interview with ICAN Australia.

ICAN: WHAT INVOLVEMENT DID GE HAVE IN NUCLEAR WEAPONS PRODUCTION?

Kelle Louaillier (KL): In 1984 in the United States, thousands of companies were involved in some way in producing parts for nuclear weapons systems. GE produced more parts to more major nuclear weapons systems than any other corporation. GE was involved in the promotion of nuclear weapons to the government and in production since day one, with its role in the Manhattan Project.

Specifically, GE was responsible for the critical components, including, for example, the neutron “trigger” for every US nuclear bomb. Notably, before becoming president, Ronald Regan was a spokesman for GE.

ICAN: HOW DID YOU PUT PRESSURE ON GE TO END ITS INVOLVEMENT?

KL: Corporate Accountability International, then called Infact, organized an international grassroots campaign, including a consumer boycott of all General Electric products and services. We used the full range of tactics, from engaging more than 500 campaign-endorsing allied organizations to calling on medical professionals to stop purchasing expensive life-saving medical equipment from GE.

We produced a short documentary film, *Deadly Deception*, that was shown in movie theatres and on TV stations in more than 40 nations. Our organizing strategies focused on key corporate vulnerabilities: exposing the truth behind GE’s corporate image; creating internal conditions demanding the company move out of the nuclear weapons business, impacting sales; altering the cost–benefit ratio for GE to be in the nuclear weapons business; and more.

ICAN: HOW DID PEOPLE RESPOND? WAS THERE ANY PUBLIC RESISTANCE?

KL: Once the public began to understand industry’s role in the nuclear weapons build-up – both creating the demand for and directly providing the weapons – the campaign was met with overwhelming public support. For the campaign’s kick-off, events were held in 36 cities in 26 states, with 18 million people participating.

By 1990 four million people in the United States alone were boycotting GE. Campaign activities continued in all 50 US states, across Canada and into Western Europe. In 1989, three years into the boycott and five years into the overall campaign, GE spent four times more on brand advertising – not product advertising – to defend its brand image than in the past four years combined.

ICAN: WHEN AND WHY DID GE FINALLY DECIDE TO END ITS INVOLVEMENT?

KL: In April of 1993, General Electric completed its move out of the nuclear weapons business. GE announced this move as a “business decision” – underscoring a key approach to Corporate Accountability International’s campaigns. By altering the cost–benefit ratio (which takes years when engaging a multi-billion-dollar transnational corporation), we can all make change real.

Our international boycott of GE products cost the company over \$50 million in lost medical equipment sales. Major retail stores including Safeway and Target began stocking light bulbs made by other companies. When our campaign began, 50,000 nuclear warheads were on constant alert and the United States was building five nuclear bombs a day. At the close of the campaign, no nuclear bombs were in production on US soil. Allied organizations continue to work toward the elimination of weapons of mass destruction.

ICAN: WHAT ADVICE DO YOU HAVE FOR OTHER CAMPAIGNERS?

KL: This isn’t a numbers game: big business will always have more resources than campaigners. What we have at the core of it all is righteous truth that puts people’s lives (public health and human rights), environmental safety, and democracy ahead of corporate greed.

Think and organize with boldness: the stakes are high enough to ask people to do what might seem impossible. Be smart, be strategic, have a laser focus, be clear about what you are campaigning to achieve – and let your adversary know what is required of them. Dig in for the long haul. Keep your friends close and your adversaries closer ... there are people within these corporations making decisions: know them, expose them, and call on them to change. With enough pressure, they will.

For more information, visit www.stopcorporateabuse.org.

Honeywell International (United States)

Company profile

Honeywell International, based in the United States, operates as a diversified technology and manufacturing company. The company's business units are aerospace, automation and control solutions, transportation systems and specialty materials.⁸⁸

In the financial year ending 31 December 2013, Honeywell International generated revenues of US\$ 39.1 billion (€ 28.4 billion), resulting in an operating profit of US\$ 5.5 billion (€ 4.0 billion) and a net profit of US\$ 3.9 billion (€ 2.8 billion).⁸⁹

Website: honeywell.com/	Twitter: @Honeywell_Aero	Facebook: https://www.facebook.com/HoneywellAero
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Nuclear weapons

Honeywell Federal Manufacturing & Technologies manages and operates the Kansas City Plant, a facility of the National Nuclear Security Administration (NNSA), where an estimated 85% of the non-nuclear components for US nuclear weapons are produced.⁹⁰ In 2010, the NNSA extended the contract with Honeywell to manage the facility for a maximum of five years.⁹¹ The Los Alamos Office of the Kansas City Plant supports the manufacturing of detonator assemblies and collaborates with Los Alamos National Laboratory (LANL) to develop fiber-optic sensors to support hydrodynamic testing.⁹²

Honeywell is co-owner of Savannah River Nuclear Solutions (SRNS), together with lead partner Fluor and Newport News Nuclear (part of Huntington Ingalls). Since 2008, SRNS has been responsible for the management and operation of the Department of Energy's Savannah River Site and Savannah River National Laboratory in South Carolina under a US\$ 4 billion (€ 2.7 billion) five-year contract. The Department of Energy prolonged the contract in September 2012 to September 2016. The extension brings the total value of the SRNS contract to approximately US\$ 8 billion (€ 5.4 billion).⁹³

SRNS is responsible for site management and operation, environmental management, management of the nuclear arsenal, the removal of excess nuclear materials, and environmental services. The Tritium Extraction Facility at the Savannah River Site is the only source of new tritium for the US nuclear stockpile. Tritium, a radioactive form of hydrogen (also called "super heavy water"), is essential for the continued operation of the US nuclear arsenal.⁹⁴

Honeywell Technology Solutions (HTSI) has a contract with the US government's Defense Threat Reduction Agency (DTRA) and is responsible for maintaining an inventory of instrumentation to monitor and record data associated with the testing on the White Sands Missile Range in New Mexico of simulated nuclear weapons and conventional weapons.⁹⁵

Honeywell, with General Dynamics and Raytheon, were involved in a project to stretch the lifecycle of the Trident II (D5) nuclear missiles of the US Navy.⁹⁶ The company produced components for integrated circuits at its factory in Plymouth (Minnesota).⁹⁷ The submarine-launched Trident II (D5) missile is currently aboard US Ohio-class and British Vanguard-class submarines, which have 24 launch tubes.⁹⁸ The US are planning to keep the Trident II missiles deployed until 2042.⁹⁹

Honeywell

Investors

The following financial institutions have made approximately 50718 million USD available to Honeywell International since January 2011.

Adage Capital Management	JPMorgan Chase
Allianz	Lazard
American Century Companies	Legg Mason
American International Group	Lincoln National Corporation
Ameriprise Financial	Lloyds Banking Group
ANZ	Mitsubishi UFJ Financial
Bank of America	Mizuho Financial
Bank of China	Morgan Stanley
Bank of New York Mellon	Northern Trust
Barclays	Northwestern Mutual Life Insurance
BlackRock	Old Mutual
BNP Paribas	Primecap
Capital Group	Prudential Financial
Citigroup	Royal Bank of Canada
Commonwealth Bank of Australia	Royal Bank of Scotland
Crédit Agricole	Scotiabank
Danske Bank	Société Générale
DBS	Standard Chartered
Deutsche Bank	State Farm
DNB	State Street
Evercore	Sumitomo Mitsui Financial
Fidelity Investments	Sun Life Financial
Franklin Resources	T. Rowe Price
Gamco Investors	TIAA-CREF
General Electric	Toronto-Dominion Bank
Geode Capital Management	UBS
Goldman Sachs	UniCredit
Grupo BBVA	US Bancorp
Grupo Santander	Vanguard
HSBC	Wellington Management
Industrial and Commercial Bank of China	Wells Fargo
ING Group	Westpac Banking
Intesa Sanpaolo	White Mountains Insurance
Invesco	Williams Capital Group

Huntington Ingalls Industries (United States)

Company profile

Huntington Ingalls Industries (HII), based in the United States, designs, constructs and maintains nuclear and non-nuclear ships for the US Navy and Coast Guard and offers after-market services for military ships around the world.¹⁰⁰

In the financial year ending 31 December 2013, HII generated revenues of US\$ 6.8 billion (€ 5.1 billion), resulting in an operating profit of US\$ 512 million (€ 271 million) and a net profit of US\$ 261 million (€110 million).¹⁰¹

Website:

<http://www.huntingtoningalls.com/>

Twitter:

@hiindustries

Facebook:

<http://www.facebook.com/HuntingtonIngallsIndustries>

Nuclear weapons

Huntington Ingalls' subsidiary Newport News Nuclear is co-owner of Savannah River Nuclear Solutions (SRNS), with lead partner Fluor and Honeywell. SRNS is since 2008 responsible for the management and operation of the Department of Energy's Savannah River Site and Savannah River National Laboratory in South Carolina under a US\$ 4 billion (€ 2.7 billion) five-year contract. The Department of Energy prolonged the contract in September 2012 to September 2016. The extension brings the total value of the SRNS contract to approximately US\$ 8 billion (€ 5.4 billion).¹⁰²

SRNS is responsible for site management and operation, environmental management, management of the nuclear arsenal, the removal of excess nuclear materials, and environmental services. The Tritium Extraction Facility at the Savannah River Site is the only source of new tritium for the US nuclear stock. Tritium, a radioactive form of hydrogen (also called "super heavy water"), is essential for the continued operation of the US nuclear arsenal.¹⁰³

Investors

The following financial institutions have made approximately 4759 million USD available to Huntington Ingalls Industries since January 2011.

Affiliated Managers Group
AJO
Allianz
American International Group
American United Mutual Insurance
Ameriprise Financial
AXA
Bank of America
Bank of New York Mellon
BlackRock
BMO Financial
CI Financial
Citigroup
Credit Suisse
D.E. Shaw & Co.
Dimensional Fund Advisors
Earnest Partners
Eaton Vance
Fidelity Investments
Fifth Third Bancorp
First Eagle Investment

Management
First Trust Advisors
Franklin Resources
Geode Capital
Management
Gotham Asset
Management
Guardian Life Insurance
Company of America
Guggenheim Capital
Hotchkis & Wiley
Jacobs Levy Equity
Management
Janus Capital Group
JPMorgan Chase
Lord, Abnett & Co

Man Group
Mitsubishi UFJ Financial
Morgan Stanley
New York Life Insurance
Company
New York State Common
Retirement Fund
Northern Trust
Norwegian Government
Pension Fund - Global
Old Mutual
Oppenheimer Holdings
Orix Corporation
Pennant Capital
Management
PNC Financial Services

Prudential Financial
RE Investment Corporation
Renaissance Technologies
Royal Bank of Scotland
Scotiabank
Siemens Financial Services
Smith Asset Management
Group
State Street
Sumitomo Mitsui Financial
Sun Life Financial
SunTrust Banks
Thrivent Financial
TIAA-CREF
Toronto-Dominion Bank
Two Sigma Investments
UBS
Unum Group
US Bancorp
Vanguard
Wedge Capital
Management
Wells Fargo



Jacobs Engineering (United States)

Company profile

Jacobs Engineering Group, based in the United States, provides professional, technical and construction services. Among its primary markets are aerospace and military, energy, oil and gas and infrastructure.¹⁰⁴

In the financial year ending 27 September 2013, Jacobs Engineering generated revenues of US\$ 11.8 billion (€ 8.7 billion), resulting in an operating profit of US\$ 669 million (€ 495 million) and a net profit of US\$ 423 million (€ 313 million).¹⁰⁵

Website:

<http://www.jacobs.com>

Nuclear weapons

In December 2008, Jacobs Engineering acquired a one-third share in the joint venture AWE-ML, the company that manages the United Kingdom's Atomic Weapons Establishment (AWE). The other partners are Lockheed Martin and Serco.¹⁰⁶ AWE is responsible for the maintenance of warheads for the UK's nuclear arsenal, i.e. the Trident, a submarine-launched, intercontinental ballistic missile system carried by the fleet of Vanguard-class submarines.

AWE's involvement with Trident covers the entire life cycle, from initial concept to assessment, design, component manufacture and assembly, in-service support and decommissioning and disposal.¹⁰⁷ AWE-ML has a 25 year-long non-revocable contract to run AWE that expires in March 2025.¹⁰⁸

Investors

The following financial institutions have made approximately 6954 million USD available to Jacobs Engineering since January 2011.

Affiliated Managers Group	EdgePoint Investment Group	Scotiabank
Ameriprise Financial	Fidelity Investments	Silvercrest Asset Management
ANZ	Findlay Park Partners	State Street
Artisan Partners	Geode Capital Management	Sumitomo Mitsui Financial
Bank of America	HSBC	T. Rowe Price
Bank of New York Mellon	Invesco	Thrivent Financial
Barclays	Janus Capital Group	Toronto-Dominion Bank
BlackRock	Lloyds Banking Group	Two Sigma Investments
BNP Paribas	Lord, Abbett & Co	US Bancorp
Calamos Asset Management	Madison Investment	Vanguard
Capital Group	Mitsubishi UFJ Financial	Waddell & Reed Financial
Carmignac Gestion	Northern Trust	Wellington Management
Century Operating Corporation	Platinum Asset Management	Wells Fargo
D.F. Dent & Company	Primecap	William Blair & Company
Dimensional Fund Advisors	Royal Bank of Scotland	
Eaton Vance	Ruane, Cunniff & Goldfarb	

JACOBS™

Larsen & Toubro (India)

Company profile

Larsen & Toubro, based in India, is a technology, engineering, construction and manufacturing company. It has nine operating divisions, among which are heavy engineering, construction and power.¹⁰⁹

In the financial year ending 31 March 2013, Larsen & Toubro generated revenues of Rp 627 billion (€8.9 billion), resulting in an operating profit of Rp 64.5 billion (€ 920 million) and a net profit of Rp 49.1 billion (€ 700 million).¹¹⁰

Website:

<http://www.larsentoubro.com>

Facebook:

<https://www.facebook.com/pages/Larsen-Toubro-Ltd/>

Nuclear weapons

Larsen & Toubro is involved in designing and building the Advanced Technology Vessel, the future nuclear-armed submarine (SSBN) of the Indian navy. The project, with a total value of US\$ 3 billion, was initiated in 1970 and its objective is to build five nuclear submarines, each equipped with a dozen K-15 nuclear missiles.¹¹¹ The K-15, developed by the Defence Research and Development Organisation (DRDO) of the Indian Ministry of Defence, has a strike range of 700 km,¹¹² while the K-4, with a 3,000 km range, is also undergoing testing for launch from the SSBN.¹¹³ The expected date for the sea trial has been postponed several times, now expected in the course of 2014.¹¹⁴ Another three submarines of the same class are in different stages of construction.¹¹⁵

According to media reports, Larsen & Toubro is responsible for developing the launcher system for the nuclear-capable surface-to-air Akash missile system developed by India's state-owned Defence Research and Development Organisation (DRDO).¹¹⁶

Investors

The following financial institutions have made approximately 10386 million USD available to Larsen & Toubro since January 2011.

A.K. Group	Darashaw	IDFC	Pension Fund - Global
Abu Dhabi Investment Authority	Deutsche Bank	JM Financial	Reliance Capital
Altius Finserv Private	Edelweiss Financial Services	JPMorgan Chase	Royal Bank of Scotland
ANZ	Equator Securities	Kotak Mahindra Bank	SPA Group
Aviva	Equirus Capital	L&T Employees Welfare Foundation	Standard Chartered
Axis Bank	Export Development Canada	Life Insurance Corporation of India	State Bank of India
Barclays	FirstRand	LKP Group	Sumitomo Mitsui Financial
BlackRock	General Insurance Corporation of India	Lombard Odier Darier Hentsch	Sumitomo Mitsui Trust
Blue Cross Blue Shield Association	GIC	Mata Securities India	TIAA-CREF
Carmignac Gestion	Goldman Sachs	Matthews International Capital Management	Trust Investment Advisors
Citigroup	Housing Development Finance Corporation	Mitsubishi UFJ Financial	UTI Asset Management
Commonwealth Bank of Australia	HSBC	Mizuho Financial	Vanguard
Corpbay Financial Services	ICAP	New India Assurance	Viel & Cie.
Credit Suisse	ICICI Bank	Norwegian Government	Yes Bank



LARSEN & TOUBRO

Leidos (United States)

Company profile

In September 2013, US-based Science Applications International Corporation (SAIC), was split into two entities: SAIC which remains entirely devoted to government IT services, and Leidos Holding with its principal operating company Leidos, which took over national security and commercial health and engineering sectors.¹¹⁷

In the financial year ending 31 January 2014, Leidos reported revenues of US\$ 5.8 billion (€ 4.3 billion), resulting in an operating income of US\$ 164 million (€ 120 million) and a net profit of US\$ 166 million (€122 million).¹¹⁸

Website:
<https://www.leidos.com/>

Twitter:
[@leidosinc](https://twitter.com/leidosinc)

Facebook:
<https://www.facebook.com/LeidosInc>

Nuclear weapons

Leidos' work for the National Nuclear Security Administration (NNSA) includes technical and programmatic support for weapons maintenance, security, life extension, and weapons system modifications. Leidos supports the development and deployment of production technologies for materials, production, purchasing, and inspection and testing of replacement parts used in nuclear weapons and ballistic missiles, and for joint test assemblies.¹¹⁹

In October 2012, Leidos obtained a task order by the US Defense Information Systems Agency (DISA) to provide strategic command, control and communications (C3) system engineering and technical services in support of the Nuclear C3 System. The single-award contract has a one-year base period of performance, four one-year options, and a total contract value of US\$18 million (€ 14 million) if all options are exercised.¹²⁰

Investors

The following financial institutions have made approximately 1705 million USD available to Leidos since January 2011.

Addison Clark Management Advisors Asset Management	Bank of America Bank of New York Mellon BlackRock	LSV Asset Management MassMutual Financial Mayo Capital Partners Morgan Stanley	Schroders Sentry Insurance Shelter Mutual Insurance
Allstate Corporation	Boston Private Financial	National Life Group	State Street
American Family Mutual Insurance	CPP Investment Board	Nationwide	The Phoenix Companies
American International Group	D.E. Shaw & Co. Dimensional Fund Advisors	New York Life Insurance Company	The Travelers Companies
American National Insurance	Fidelity Investments	Northern Trust	Two Sigma Investments
American United Mutual Insurance	First Manhattan	Norwegian Government Pension Fund - Global	Unum Group
AQR Capital Management	Genworth Financial	Ohio National Mutual	Vanguard
Auto-Owners Insurance	Gosha Trading	Principal Financial	Winton Capital Management
AXA	ING Group	Protective Life Corp	Woodmen of the World and/or Omaha
	Lincoln National Corporation	Prudential	Woodmen Life Insurance Society
	Loews Corporation	RE Investment Corporation	



Lockheed Martin (United States)

Company profile

Lockheed Martin, based in the United States, focuses on aeronautics, space systems, electronic systems and information systems. Its most important divisions are aerospace and defence, information technology and new technologies.¹²¹

In the financial year ending 31 December 2013, it generated revenues of USD 45.4 billion (€ 33 billion), resulting in an operating profit of USD 4.5 billion (€ 3.3 billion) and a net profit of USD 3.0 billion (€ 2.2 billion).¹²²

Website: www.lockheedmartin.com	Twitter: @LockheedMartin	Facebook: https://www.facebook.com/lockheedmartin
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Nuclear weapons

Lockheed Martin is the world's largest weapons producer.¹²³ It produces and maintains a wide variety of conventional weapons around the world, as well as nuclear weapons for both the United States and the United Kingdom.¹²⁴

Lockheed Martin is responsible for the construction of the Trident II (D5) nuclear missiles for the US Ohio-class submarines and the British Vanguard-class submarines.¹²⁵ Trident II (D5) is the only US submarine-launched intercontinental ballistic missile system still in production.¹²⁶ The United States is planning to keep Trident II missiles deployed until 2042.¹²⁷

In September 2013, Lockheed Martin was awarded a USD 15.2 million (€ 11.4 million) contract to support the fiscal year 2014 Trident II (D5) Missile production schedule. Work is expected to be completed in September 2018.¹²⁸

In November 2013, Lockheed Martin was awarded USD 8.3 million (€ 6.1 million) for new Trident II (D5) missile production, D5 life extension development and production, and D5 deployed systems support. This contract includes unexercised option items, which if exercised, will bring the contract value to USD 803.2 million (€ 594.3 million). Initial work is expected to be completed December 2014, if options are exercised work will continue to November 2018.¹²⁹

In December 2013, Lockheed Martin Space Systems was awarded a USD 61.1 million (€ 44.4 million) contract for engineering services and various low-value missile test hardware. It provides for integrating the Trident II missile and re-entry strategic weapon systems subsystems into the common missile compartment for the Ohio replacement and United Kingdom (UK) successor programmes and designing a testing fixture for nozzle shield retention, and designing an integrated test facility that will be compatible with existing and new submarine fleets. Completion is expected in December 2018.¹³⁰

In March 2014, Lockheed Martin Space Systems was awarded a USD 21.3 million (€ 15.5 million) contract by the US Navy Strategic Systems Programs Office to provide engineering and technical services, and deliverable materials in support of the UK Trident II Missile System until June 2016.¹³¹

In March 2014, the Department of the US Navy published a pre-solicitation for the financial year 2015 for the production of Trident II (D5) missile body and re-entry body hardware as well as services related to the support of deployed Fleet Ballistic Missile systems. The government did not publish the intent as a request for competitive proposals but with the intention to conduct negotiations only with Lockheed



Martin Space Systems Company.¹³²

Lockheed Martin holds a 33.3% share and takes the lead in the joint venture AWE-ML, the company that manages the United Kingdom's Atomic Weapons Establishment (AWE). The other partners are Jacobs Engineering and Serco.¹³³ The AWE is responsible for the maintenance of the warheads for the country's Trident nuclear arsenal. AWE's involvement with Trident missiles covers the entire life cycle, from initial concept to assessment, design, component manufacture and assembly, in-service support and decommissioning and disposal.¹³⁴ AWE-ML has a 25 year-long non-revocable contract to run the AWE that expires in March 2025.¹³⁵

As a member of the ICBM Prime Integration Team, Lockheed Martin is involved in the production and maintenance of the Minuteman III nuclear intercontinental ballistic missiles.¹³⁶ Lockheed Martin is responsible for the weapons, control and re-entry systems in this project until recently led by Northrop Grumman. The project is still ongoing with leadership awarded to BAE Systems in 2013.¹³⁷

In March 2011, the company received a USD 12.5 million (€ 8.8 million) one-year contract for the refurbishment of re-entry vehicle arming and fusing assemblies for the Minuteman III missiles. According to the latest plans, these nuclear missiles will continue to be part of the US nuclear defence programme until at least 2030.¹³⁸

Along with Boeing, Northrop Grumman and Raytheon, Lockheed Martin is under contract since 2013 to conduct trade studies in support of the Air Force Long-Range Standoff (LRSO) missile plans. This line-up is expected to become a four-way competition to build a Long Range Standoff weapon. The Air Force and National Nuclear Security Administration have not yet chosen a nuclear warhead to go on the LRSO.¹³⁹ It is expected to incorporate one of three existing nuclear warhead designs: either the B61-12, the W84, or the W80-1.¹⁴⁰ This selection process should begin in summer 2014 and last about a year, but was pushed back by three years, deferring almost \$1 billion in spending beyond financial year 2018.¹⁴¹

Investors

The following financial institutions have made approximately 34358 million USD available to Lockheed Martin since January 2011.

American International Group	Franklin Resources	Prudential Financial
Ameriprise Financial	Genworth Financial	Royal Bank of Canada
ANZ	Geode Capital Management	Royal Bank of Scotland
Bank of America	Goldman Sachs	Ruffer
Bank of New York Mellon	Janus Capital Group	State Street
BlackRock	JPMorgan Chase	Sumitomo Mitsui Financial
Caisse de dépôt et placement du Québec	Lloyds Banking Group	Sun Life Financial
Capital Group	MassMutual Financial	TIAA-CREF
Citigroup	Mitsubishi UFJ Financial	UBS
Comerica	Mizuho Financial	Unum Group
Crédit Agricole	Morgan Stanley	US Bancorp
Deutsche Bank	Northern Trust	Vanguard
First Eagle Investment Management	Northwestern Mutual Life Insurance	Veritas Asset Management
	Orix Corporation	Wellington Management
		Wells Fargo

Northrop Grumman (United States)

Company profile

Northrop Grumman Corporation, based in the United States, provides products, services and solutions in the military aerospace, electronics, information systems and shipbuilding sectors.¹⁴²

In the financial year ending 31 December 2013, Northrop Grumman generated revenues of USD 24.7 billion (€ 17.9 billion), resulting in an operating profit of USD 3.1 billion (€ 2.2 billion) and a net profit of USD 1.9 billion (€ 1.4 billion).¹⁴³

Website: http://www.northropgrumman.com	Twitter: @northropgrumman	Facebook: https://www.facebook.com/NorthropGrumman
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Nuclear weapons

After acquiring the US company TRW in 2002, Northrop Grumman inherited the leadership of the ICBM Prime Integration Team. This ongoing project was initiated in 1997 and has a total value of USD 6.5 billion (€ 5 billion). Northrop Grumman and its principle partners ATK, Boeing and Lockheed Martin, were responsible for the production and maintenance of the Minuteman III nuclear Intercontinental Ballistic Missiles (ICBM). There are 450 Minuteman III still deployed today.¹⁴⁴ The 15-year contract between the Air Force and Northrop Grumman expired in August 2013, when Northrop Grumman lost its role of prime contractor to BAE systems.¹⁴⁵ To cover the time between then and the new team, the Air Force awarded Northrop Grumman a partial bridge contract worth USD 165 million (€ 128.3 million).¹⁴⁶ This bridge contract has been extended twice (for USD 9.9 million (€ 7.4 million) in September 2013¹⁴⁷ and for USD 13.7 million (€ 10.0 million) in March 2014) for sustaining engineering services for the ICBM weapon system to be completed in September 2014.¹⁴⁸

Since 2013 Northrop Grumman along with Boeing, Lockheed Martin and Raytheon, is under contract to conduct trade studies in support of the Air Force Long-Range Standoff (LRSO) missile plans. This line-up is expected to become a four-way competition to build a Long Range Standoff weapon. The Air Force and National Nuclear Security Administration have not yet chosen a nuclear warhead to go on the LRSO.¹⁴⁹ It is expected to incorporate one of three existing nuclear warhead designs: either the B61-12, the W84, or the W80-1.¹⁵⁰ This selection process should begin in summer 2014 and last about a year, but was pushed back by three years, deferring almost \$1 billion in spending beyond financial year 2018.¹⁵¹

Northrop Grumman, together with partners Babcock & Wilcox, Aecom and CH2M Hill, is a joint venture partner in National Security Technologies (NSTec). Since 2006, NSTec manages the Nevada National Security Site (NNSS), previously known as Nevada Test Site.¹⁵² Northrop Grumman was the managing partner, but decreased its interest in NSTec in 2011.¹⁵³ The exact ownership distribution is not known. This USD 3.1 billion (€ 2.3 billion) contract includes operation and maintenance of over 500 facilities and laboratories as well as the associated infrastructure, vehicles, and IT/communications.¹⁵⁴ The NNSS is the only US nuclear test site where subcritical tests are still taking place. The most recent one was the Pollux test in December 2012.¹⁵⁵

Northrop Grumman was awarded a USD 112.9 million (€ 82.5 million) contract for ongoing support to the Trident II (D5) Underwater Launcher System and Advanced Launcher Development Program Support of the US and the UK in December 2013. It is also expected to advance and support the conduct of the technology development of cost-effective launcher subsystem architecture for the Ohio-class Replacement Program.¹⁵⁶

Investors

The following financial institutions have made approximately 25288 million USD available to Northrop Grumman since January 2011.

AJO	Danske Bank	Pacific Mutual
Allianz	Deutsche Bank	Piper Jaffray
Allstate Corporation	Dimensional Fund Advisors	PNC Financial Services
American Family Mutual Insurance	Drexel Hamilton	Power Financial Corporation
American International Group	DZ Bank	Prudential
American National Insurance	First Eagle Investment Management	Prudential Financial
Ameriprise Financial	Franklin Resources	Royal Bank of Scotland
ANZ	Geode Capital Management	Sammons Enterprises
AQR Capital Management	Goldman Sachs	Scotia Bond
AXA	Gulf Bank	Scotiabank
Bank of America	Intesa Sanpaolo	State Farm
Bank of New York Mellon	Invesco	State Street
Barclays	Janus Capital Group	Sumitomo Mitsui Financial
BayernLB	JPMorgan Chase	Sun Life Financial
BB&T Corporation	Lincoln National Corporation	SunTrust Banks
BlackRock	Lloyds Banking Group	Symetra Financial
BMO Financial	LSV Asset Management	Taiwan Business Bank
BNP Paribas	Macquarie Group	Taiwan Cooperative Financial
Capital Group	Manulife Financial	TIAA-CREF
Capital One Financial Corporation	Mischler Financial Group	Toronto-Dominion Bank
Charles Schwab	Mitsubishi UFJ Financial	UniCredit
Chubb	Mizuho Financial	US Bancorp
Citigroup	Morgan Stanley	Vanguard
CNO Financial	National Bank of Abu Dhabi	Wellington Management
Comerica	Nationwide	Wells Fargo
Credit Suisse	Northern Trust	Western & Southern Mutual
	Old Mutual	Williams Capital Group
		Winton Capital Management

NORTHROP GRUMMAN



Raytheon (United States)

Company profile

Raytheon is a US-based company providing mainly military electronics, mission systems integration and other capabilities in the areas of sensing and command, control, communications and intelligence systems as well as a broad range of mission support services.¹⁵⁷

In the financial year ending 31 December 2013, Raytheon generated revenues of USD 23.7 billion (€ 17.2 billion), resulting in an operating profit of USD 2.9 billion (€ 2.1 billion) and a net profit of USD 2.0 billion (€ 1.4 billion).¹⁵⁸

Website:

<http://www.raytheon.com>

Twitter:

@Raytheon

Facebook:

<https://www.facebook.com/Raytheon>

Nuclear weapons

Since 2005, Raytheon has been involved in a project with partners Honeywell International and General Dynamics to stretch the lifecycle of the guidance systems of the Trident II (D5) nuclear missiles of the US Navy.¹⁵⁹ In January 2012, it obtained another USD 96 million (€ 75 million) contract for production and deployed-systems support of the Trident II-weapons system, with a maximum contract value of USD 225 million (€ 173 million) if all options are exercised.¹⁶⁰ The submarine-launched Trident II (D5) missile is currently aboard US Ohio-class and British Vanguard-class submarines.¹⁶¹ The US are planning to keep the Trident II missiles deployed until 2042.¹⁶²

In September 2013, Raytheon was awarded a USD 33.4 million (€ 24.8 million) contract for contractor logistic support, installation, and sustainment of Minuteman MEECN (Minimum Essential Emergency Communication Network) programme and Minuteman MEECN programme upgrade. Work is expected to be completed by September 2016.¹⁶³

In December 2013, Raytheon was awarded a USD 134.4 million (€ 98.0 million) US Air Force contract to design a communications system for command and control of nuclear-armed bombers. The Global Aircrew Strategic Network Terminals Increment I (ASTN) is a multi-path communication system used to disseminate nuclear command and control messages from national-level decision authorities to geographically dispersed locations. Development is expected to be completed by December 2016, with production, installation, and sustainment options extending to December 2020.¹⁶⁴ The overall ASTN programme has a value of USD 500 million (€ 371 million).¹⁶⁵

Along with Boeing, Lockheed Martin and Northrop Grumman, Raytheon is under contract since 2013 to conduct trade studies in support of the Air Force Long-Range Standoff (LRSO) missile plans. This line-up is expected to become a four-way competition to build a Long Range Standoff weapon. The Air Force and National Nuclear Security Administration have not yet chosen a nuclear warhead to go on the LRSO.¹⁶⁶ It is expected to incorporate one of three existing nuclear warhead designs: either the B61-12, the W84, or the W80-1.¹⁶⁷ This selection process should begin in summer 2014 and last about a year, but was pushed back by three years, deferring almost USD 1 billion in spending beyond financial year 2018.¹⁶⁸

Investors

The following financial institutions have made approximately 18622 million USD available to Raytheon since January 2011.

Aflac	Invesco	Prudential
Allianz	Invest AD	Prudential Financial
Allstate Corporation	Janus Capital Group	Riyad Bank
American Family Mutual Insurance	JPMorgan Chase	Royal Bank of Scotland
American International Group	Legg Mason	Sasco Capital
Ameriprise Financial	Lincoln National Corporation	Schafer Cullen Capital Management
ANZ	Lloyds Banking Group	Scotiabank
AXA	LSV Asset Management	State Farm
Bank of America	Macquarie Group	State Street
Bank of New York Mellon	MassMutual Financial	Sumitomo Mitsui Financial
Barclays	MetLife	Symetra Financial
BlackRock	Mitsubishi UFJ Financial	T. Rowe Price
BNP Paribas	Morgan Stanley	TIAA-CREF
Citigroup	New York Life Insurance Company	UBS
Crédit Agricole	Northern Trust	Unum Group
Credit Suisse	Northwestern Mutual Life Insurance	US Bancorp
Deutsche Bank	Old Mutual	Vanguard
General Electric	Orix Corporation	Wellington Management
Geode Capital Management	Principal Financial	Wells Fargo
Gulf International Bank	Protective Life Corp	Western & Southern Mutual
Intesa Sanpaolo		White Mountains Insurance

Raytheon

Rockwell Collins (United States)

Company profile

Rockwell Collins, based in the United States, provides design, production and support solutions for customers in the aerospace and military sector, such as cockpit electronics, communications, information management and simulation and training.¹⁶⁹

During the financial year that ended 30 September 2013, Rockwell Collins reported revenues of USD 4.6 billion (€ 3.4 billion), resulting in an operating profit of USD 880 million (€ 661 million) and a net profit of USD 632 million (€ 467 million).¹⁷⁰

Website: www.rockwellcollins.com	Twitter: @RockwellCollins	Facebook: https://www.facebook.com/rockwellcollins
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Nuclear weapons

In 2006, the US Air Force awarded a technology development contract of unknown duration to Rockwell Collins for the Minuteman Modernization Program Upgrade (MMP Upgrade). The company was selected to improve the satellite communications capacity of the Minuteman Launch Control Centers. The upgrade ensures that all Minuteman units receive Emergency Action Messages from the National Command Authority under all circumstances.¹⁷¹

Investors

The following financial institutions have made approximately 6389 million USD available to Rockwell Collins since January 2011.

Affiliated Managers Group	Capital Group	New York Life Insurance
Allstate Corporation	D.E. Shaw & Co.	Company
American Century Companies	Epoch Investment Partners	Northern Trust
American Family Mutual	Farallon Capital Management	Norwegian Government Pension
Insurance	First Manhattan	Fund - Global
American International Group	General Electric	Power Financial Corporation
American United Mutual	Geode Capital Management	Principal Financial
Insurance	Guggenheim Capital	Protective Life Corp
Ameritas Mutual	Hartford Financial Services	Prudential Financial
Artisan Partners	ING Group	StanCorp Financial
Atlanta Life Financial	Intesa Sanpaolo	State Farm
Aviva	Janus Capital Group	State Street
AXA	JPMorgan Chase	The Travelers Companies
Bank of New York Mellon	Liberty Mutual Insurance	TIAA-CREF
Bessemer	Lincoln National Corporation	ValueAct Holdings
BlackRock	Madison Investment	Vanguard
Boston Private Financial	National Life Group	White Mountains Insurance



Safran (France)

Company profile

Safran, based in France, is a high-tech group with three key business areas: aerospace, defence and security.¹⁷² The French state has a 27.08% stake in the company.¹⁷³

In 2013, Safran reported revenues of € 14.7 billion, resulting in an operating profit of € 1.5 billion and a net profit of € 1.4 billion.¹⁷⁴

Website: http://www.safran-group.com	Twitter: @SAFRAN	Facebook: https://www.facebook.com/GroupeSafran
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Nuclear weapons

Safran, together with Airbus (formerly EADS), Thales and others, obtained an estimated € 3 billion contract in December 2004 to build the M51 nuclear missile for the new French submarines. Airbus' subsidiary Astrium is the lead contractor, whereas Safran (through its subsidiaries Herakles, Snecma), Thales, and DCNS were selected as the main subcontractors.¹⁷⁵

The M51 features multiple warheads, with far greater payload mass and volume than the M4. It also offers a longer range, enabling submarines to expand their patrol zones. The nuclear submarine Le Terrible has been equipped with the M51 since late 2010. The missile will also enter operational service aboard the other new-generation submarines, Triomphant and Téméraire, after retrofit. A second version will be commissioned from 2015.¹⁷⁶

Safran's subsidiary Snecma is the prime contractor of the propulsion system for the M51 missile project, producing all inert components in the rocket motors. Sagem, another subsidiary of Safran, developed the navigation systems for the M51, which will improve the accuracy of the missile.¹⁷⁷ SNPE Matériaux Energétiques (SME), a subsidiary of state-owned SNPE which was merged into Safran's subsidiary Herakles together with Snecma Propulsion Solide (SPS) in 2011, made the rocket propellant that powers the nuclear ballistic missile.¹⁷⁸

Investors

The following financial institutions have made approximately 8149 million USD available to Safran since January 2011.

ABP	GAM Holding
Affiliated Managers Group	Groupe BPCE
Allianz	HSBC
Bank of America	Mitsubishi UFJ Financial
BlackRock	Morgan Stanley
BNP Paribas	Oddo & Cie
Citigroup	Schroders
Crédit Agricole	Société Générale
Crédit Mutuel	Swisscanto Holding
DNCA Finance	UBS
Fidelity Investments	Vanguard
Franklin Resources	Wellington Management



Serco (United Kingdom)

Company profile

Serco Group, based in the United Kingdom, operates as a service company to governments and commercial customers worldwide. Its main business areas in public service are health, education, transport, science and defence, while private-sector customers are leading companies operating in various markets.¹⁷⁹

In the financial year ending 31 December 2013, Serco generated revenues of £ 4.3 billion (€ 5.1 billion), resulting in an operating profit of £ 144 million (€ 172 million) and a net profit of £ 95 million (€ 114 million).¹⁸⁰

Website:

<http://www.serco.com>

Twitter:

@SercoGroup

Nuclear weapons

Serco holds a 33.3% share in the joint venture AWE-ML, the company that manages the UK Atomic Weapons Establishment (AWE). The other two partners are Jacobs Engineering and Lockheed Martin. The AWE is responsible for the maintenance of the warheads for the country's Trident nuclear arsenal. Trident is a submarine-launched, intercontinental ballistic missile system carried by the fleet of Vanguard-class submarines.

AWE's involvement with Trident missiles covers the entire life cycle, from initial concept to assessment, design, component manufacture and assembly, in-service support and decommissioning and disposal.¹⁸¹ AWE-ML has a 25 year-long non-revocable contract to run the AWE that expires in March 2025.¹⁸²

Investors

The following financial institutions have made approximately 6148 million USD available to Serco since January 2011.

Aberdeen Asset Management	Fidelity Investments	Prudential
Allianz	Fidelity Worldwide Investment	Royal Bank of Scotland
Anchor Financial & Accounting	Financière de l'Echiquier	Ruane, Cunniff & Goldfarb
ANZ	Franklin Resources	Schroders
Artisan Partners	GIC	Serco Group Plc Employee
AXA	Helaba	Benefit Trust
Baillie Gifford & Co	Henderson Group	Standard Life
Bank of America	HSBC	State Administration for Foreign
Bank of New York Mellon	Invesco	Exchange
Barclays	JPMorgan Chase	State Street
BlackRock	KBC Group	Sumitomo Mitsui Financial
Capital Group	Legal & General	Sun Life Financial
Commerzbank	Lloyds Banking Group	T. Rowe Price
Commonwealth Bank of	Longview Partners	Vanguard
Australia	Mitsubishi UFJ Financial	Woodford Investment
Crédit Agricole	Mondrian Investment Partners	Management
DBS	National Bank of Abu Dhabi	
Dimensional Fund Advisors	Orbis Group	



TASC (United States)

Company profile

TASC, based in the United States, provides information and security services, intelligence and information management services.¹⁸³ Operating as a subsidiary of Northrop Grumman until 2009, it was acquired by an investor group led by General Atlantic for USD 1.65 billion (€ 1.1 billion).¹⁸⁴ TASC claims to generate more than USD 1.5 billion (€ 1.2 billion) in annual revenue.¹⁸⁵

Website:
<http://www.tasc.com>

Twitter:
[@TASCInc](https://twitter.com/TASCInc)

Facebook:
<https://twitter.com/TASCInc>

Nuclear weapons

In January 2014, TASC was awarded a USD 6.9 million (€ 5 million) contract for research and development on the Solid Rocket Motor Modernization Study of the Minuteman III system. Under the contract running until July 2015, TASC will conduct a study to develop and investigate propulsion options and impacts for replacement or modernisation of the Minuteman III fielded force.¹⁸⁶

Investors

The following financial institutions have made approximately 684 million USD available to TASC since January 2011.

Barclays
Deutsche Bank
Kohlberg Kravis Roberts & Co
Mizuho Financial
Royal Bank of Canada



Textron (United States)

Company profile

Textron is a US-based multi-industry company engaged in aircraft, military, industrial and finance businesses. Military-related business sections include Textron Systems and Bell Helicopter.

In the financial year ending 28 December 2013, Textron generated revenues of USD 12.1 billion (€ 8.8 billion), resulting in an operating income of USD 847 million (€ 616 million) and a net income of USD 498 million (€ 362 million).¹⁸⁷

Website:
<http://www.textron.com>

Twitter:
@Textron

Facebook:
<https://www.facebook.com/Textron.Inc>

Nuclear weapons

Textron designs and builds US Air Force's operational inter-continental ballistic missile (ICBM) re-entry vehicles.¹⁸⁸ In March 2014, Textron Defense System was awarded a USD 17.2 million (€ 12.5 million) contract to convert up to six Minuteman III MK 12A re-entry vehicles to the Mod 5F configuration. The contract was provided for a five-year ordering period by the US Air Force Nuclear Weapons Center in Utah. It is to provide the government with up to 21 Mod 5F midsections for the ICBM. Work is expected to be completed by March 2020.¹⁸⁹

Investors

The following financial institutions have made approximately 11858 million USD available to Textron since January 2011.

Allstate Corporation	Fidelity Investments	Board
American Century Companies	Fidelity Worldwide Investment	Pacific Mutual
American International Group	Fifth Third Bancorp	PNC Financial Services
American National Insurance	Franklin Resources	Protective Life Corp
American United Mutual	Gamco Investors	Prudential
Insurance	Genworth Financial	Prudential Financial
Argent Financial	Geode Capital Management	Snow Capital Management
Bank of America	Goldman Sachs	State Farm
Bank of China	Groupe BPCE	State Street
Bank of East Asia	Hartford Financial Services	Sumitomo Mitsui Financial
Bank of New York Mellon	Invesco	Sun Life Financial
BlackRock	JPMorgan Chase	SunTrust Banks
Capital Group	Knights of Columbus	Synovus Financial Corporation
Carlyle Group	Loews Corporation	T. Rowe Price
Citadel Group	MassMutual Financial	TIAA-CREF
Citigroup	MetLife	Unum Group
City National Corporation	Mitsubishi UFJ Financial	US Bancorp
CNO Financial	Morgan Stanley	Vanguard
Davis Advisors	Neuberger Beraman	Wellington Management
DBS	Northern Trust	Wells Fargo
Deutsche Bank	Ontario Teachers' Pension Plan	Williams Capital Group

TEXTRON

Thales (France)

Company profile

Thales, based in France, provides information systems for the military and security, aerospace and transportation markets.¹⁹⁰ Thales holds a 35% stake in DCNS, the company responsible for the refit of the French submarines for the new M51 intercontinental nuclear warhead missile.

In 2013, Thales generated revenues of € 14.2 billion, resulting in an operating income of € 905 million and a net income of € 573 million.¹⁹¹

Website:

<https://www.thalesgroup.com>

Twitter:

@ThalesGroup

Facebook:

<https://www.facebook.com/thalesgroup>

Nuclear weapons

Thales, together with Airbus (formerly EADS), Safran, SNPE (part of Safran-subsiidiary Herakles) and DCNS, obtained a contract in December 2004 to build the new M51 nuclear missile for the new French submarines, with an estimated value of € 3 billion. Airbus subsidiary Astrium is the lead contractor, whereas Safran, SNPE, DCNS and Thales are the main subcontractors.¹⁹²

The M51 features multiple warheads, with far greater payload mass and volume, than the M4. It also offers a longer range, enabling submarines to expand their patrol zones. The nuclear submarine Le Terrible has been equipped with the M51 since late 2010. The missile will also enter operational service aboard the other new-generation submarines, Triomphant and Téméraire, after retrofit. A second version will be commissioned from 2015.¹⁹³

Investors

The following financial institutions have made approximately 2813 million USD available to Thales since January 2011.

Acciona

Aviva

BNP Paribas

Citigroup

Crédit Agricole

Deutsche Bank

DNCA Finance

Edmond de Rothschild

Groupe BPCE

HSBC

International Value Advisors

JPMorgan Chase

Norwegian Government Pension Fund - Global

Royal Bank of Canada

Société Générale

Thales SA Employees Stock Ownership Plan

Vanguard

The logo for Thales, featuring the word "THALES" in a bold, blue, sans-serif font. The letter 'A' is stylized with a teal dot above it.

ThyssenKrupp (Germany)

Company profile

ThyssenKrupp, based in Germany, has five key business areas: Components Technology, Elevator Technology, Industrial Solutions, Materials Services and Steel Europe.

In the financial year ending 30 September 2013, ThyssenKrupp generated revenues of € 38.6 billion, resulting in an operating loss of € 696 million and a net loss of € 1.4 billion.¹⁹⁴

Website:

<http://www.thyssenkrupp.com>

Twitter:

@thyssenkrupp_en

Facebook:

<https://www.facebook.com/ThyssenKruppAG>

Nuclear weapons

ThyssenKrupp's division ThyssenKrupp Marine Systems (TKMS) is building the Dolphin submarines for the Israeli navy. In total six submarines will be delivered by 2017. These submarines will be constructed at Howaldtswerke-Deutsche Werft in Kiel, part of TKMS since 2005. Atlas Elektronik, co-owned by Thyssen Krupp (60%) and Airbus (40%), supplies the combat and guidance systems for the submarines.¹⁹⁵ The fifth submarine was inaugurated in 2013.¹⁹⁶

The submarines are the result of two decades of strategic cooperative programme between Israel and Germany and are partly paid for by the German government. Construction is taking place in Germany, according to Israeli design specifications, hosting Israeli-developed command, control and combat systems including, according to various media reports, land-attack and cruise missiles capable of carrying tactical nuclear warheads.¹⁹⁷

The German government insists it does not know anything about the nuclear-capability of the submarines. However, former top German officials have confirmed that the boats were constructed for the purpose of a nuclear capability from the outset. The use of Israeli Popeye Turbo missiles as nuclear carrier missiles is deemed possible from the additional four 650mm torpedo tubes of the Dolphins, as HDW equipped the Israeli submarines with a newly developed hydraulic ejection system instead of a compressed air ejection system. This is strong enough to catapult the Popeye Turbo carrying a nuclear warhead.¹⁹⁸

Investors

The following financial institutions have made approximately 20411 million USD available to ThyssenKrupp since January 2011.

Alfried Krupp von Bohlen und
Halbach-Stiftung
ANZ
Bank of America
BayernLB
BlackRock
BNP Paribas
Cevian Capital
Citigroup
Commerzbank
Crédit Agricole
Crédit Mutuel
Danske Bank
Deutsche Bank

DZ Bank
Franklin Resources
Goldman Sachs
Grupo BBVA
Grupo Santander
Helaba
HSBC
HSH Nordbank
Intesa Sanpaolo
JPMorgan Chase
KfW
LBBW

Mediobanca Banca di Credito
Finanziario
Mitsubishi UFJ Financial
Morgan Stanley
Norddeutsche Landesbank
Norwegian Government Pension
Fund - Global
Royal Bank of Scotland
Skandinaviska Enskilda Banken
Société Générale
Sumitomo Mitsui Financial
UniCredit
Vanguard
VP Bank Group

ThyssenKrupp



URS (United States)

Company profile

URS, based in the United States, is a fully integrated engineering, construction and technical services organisation offering programme management; planning, design and engineering; systems engineering and technical assistance; information technology; construction and construction management; operations and maintenance; and decommissioning and closure services.¹⁹⁹ In July 2014, Aecom announced that it would acquire URS in a USD 6 billion deal, which is expected to be completed in October 2014.²⁰⁰

In the financial year ending 3 January 2014, URS generated revenues of USD 11.0 billion (€ 8.0 billion), resulting in an operating income of USD 591 million (€ 431 million) and a net income of USD 247 million (€ 180 million).²⁰¹

Website:
<http://www.urs.com>

Twitter:
[@URSCorp](https://twitter.com/URSCorp)

Nuclear weapons

The Lawrence Livermore (LLNL) and Los Alamos National Laboratories (LANL), jointly managed by Babcock & Wilcox, University of California, Bechtel and URS Corporation, play an important role in the research and design of nuclear weapons.²⁰²

LANL is responsible for monitoring the safety and reliability of the US nuclear stocks. The laboratory is engaged in the design and production of nuclear weapons.²⁰³ The contract of the consortium to manage the LANL's nuclear and other operations has a total value of USD14 billion (€ 10 billion).²⁰⁴

LLNL also engages in research, design and development of nuclear weapons. Stewardship of the US nuclear weapons stockpile is the foremost responsibility of the facility.²⁰⁵ The Stockpile Stewardship programme is meant to sustain and modernize the US nuclear weapons stockpile through surveillance, assessment, life extension and dismantlement efforts.²⁰⁶

For both labs, URS claims responsibility for managing the labs' nuclear and other technically complex operations.²⁰⁷

In April 2014, URS received a modified incremental funding contract with a maximum total possible amount of USD 40 million with the US Navy to provide electronics systems support for the Trident system.²⁰⁸

Investors

The following financial institutions have made approximately 7559 million USD available to URS since January 2011.

Affiliated Managers Group	Citigroup	Greenlight Capital	Morgan Stanley	Raymond James
AJO	City National Corporation	Guggenheim Capital	National Financial Partners	Financial
American Century Companies	Comerica	HSBC	New Jersey Department of the Treasury	Royal Bank of Scotland
Artisan Partners	Crédit Agricole	Jana Partners	New Mountain Capital	Seizert Capital Partners
AXA	DePrince Race & Zollo	JPMorgan Chase	New York State Common	State Street
Bank of America	Dimensional Fund	Legg Mason	Retirement Fund	Sumitomo Mitsui
Barclays	Advisors	LSV Asset Management	Northern Trust	Financial
BB&T Corporation	E.SUN Financial	M&T Bank Corporation	Norwegian Government	SunTrust Banks
BlackRock	Earnest Partners	Mega Financial	Pension Fund - Global	US Bancorp
BMO Financial	Fidelity Investments	Mitsubishi UFJ Financial	Old Mutual	Vanguard
BNP Paribas	Fidelity Worldwide	Mizuho Financial	Power Financial Corporation	Wedge Capital
California Public Employees' Retirement System	Investment		Pzena Investment Management	Management
	First Trust Advisors			Wells Fargo
	Geode Capital Management			Westpac Banking



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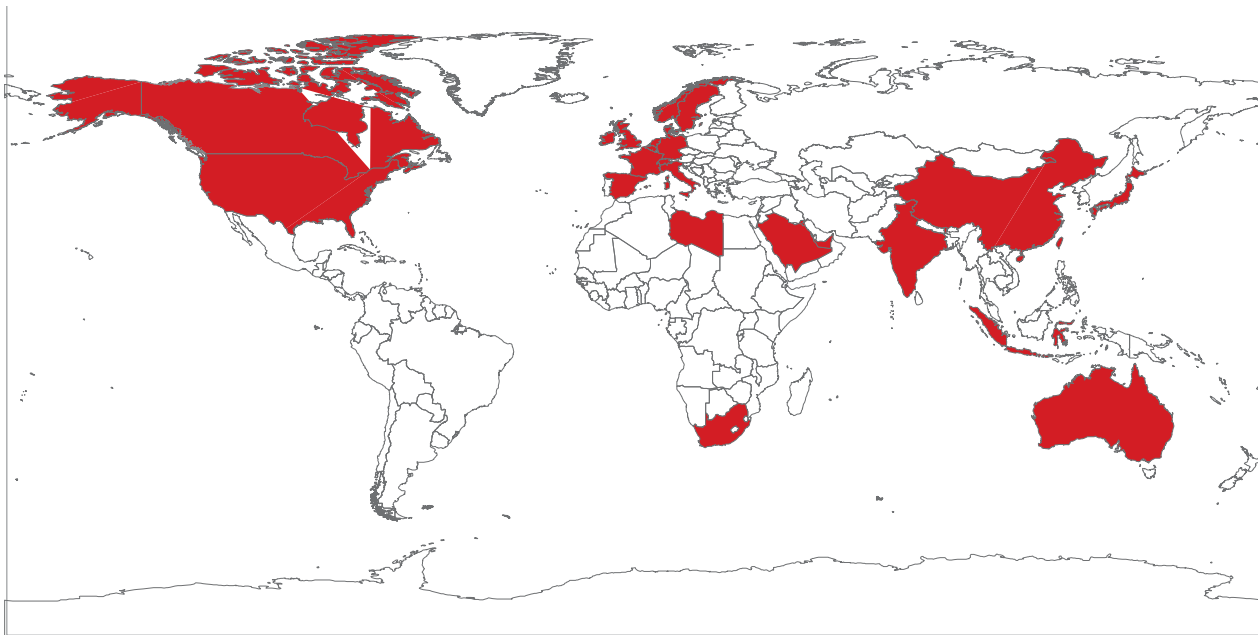
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Hall of Shame



The map above illustrates the locations of financial institutions invested in nuclear weapons producers.

This chapter provides information about the banks, pension funds, insurance companies and asset management companies that provide financing for the companies involved in the nuclear weapons industry. These institutions are listed alphabetically in this chapter. For each of them, we list the financial involvement they have with the identified producers in the previous chapter.

Which financial institutions are involved in the financing of the selected nuclear weapon companies was researched using annual reports, stock exchange filings and other publications of the companies concerned, archives of trade magazines, local newspapers and the financial press as well as specialized financial databases (Thomson ONE, Bloomberg). Used resources are clearly mentioned.

Financial institutions can be involved in financing companies by providing corporate loans, by assisting companies with share- and bond issues, and by (managing) investments in shares and bonds of these companies. For asset managers and pension funds, the only relevant type of financial involvement is (managing) share- and bondholdings of the selected companies.

In this report, we have focussed on the financial institutions which are found to have most significant financing relationships with one or more of the selected nuclear weapon companies. To select these financial institutions, the following criteria are used:

- All financial institutions involved in loans and underwriting deals for one or more of the companies since 1 January 2011;
- All financial institutions which own at least 0.5% of the outstanding shares or bonds of at least one of the companies.

We found 411 financial institutions which meet these criteria.

What is included

Each section provides the following information for each financial institution:

The types of financial relations which the financial institution has with one or more nuclear weapon companies. The relations are grouped by loans, investment banking and asset management. Financial activities are listed alphabetically by nuclear weapons company for each category.

The name of the receiving company, the amount, the date and (if known) the purpose for each financial relation. For loans and bonds the maturity date is given, as well as the interest rate.

A summary of the financial relations of the nuclear weapon companies with the financial institutions can be found in the executive summary of this report. In this chapter we provide details about the nature and value of specific transactions and holdings.

All data is presented in tables. For loans, the first column represents the names of the selected companies that received the loans, the second column shows which subsidiary or part of the selected company has issued the loan. The third column (# FI's), shows the number of financial institutes participating in loans as loans are often offered by a syndicate of financial institutions. The fourth column represents the value of the total loan offered by the syndicate to the company. The fifth column is the amount for which this specific financial institute participated in the loan. This amount is calculated depending on the role the financial institute plays in the syndicate, as explained below. The last column shows the date the loan was issued.

The tables for underwriting of share and bond issuances have the same columns. The method for calculating the value per financial institute can be found below.

The tables for share and bondholdings managed by the financial institutions show the nuclear weapon producing companies, the country in which this company is situated, the percentage of all bonds or shares outstanding held or managed by the specific institution, and the total value of the shares or bonds held by the financial institution in the indicated company.

When comparing this report with last years report please keep in mind that we have excluded some Indian sources due to recently identified errors in the Bloomberg databases regarding Indian Mutual Funds.

The financial institutions identified include banks, pension funds, sovereign wealth funds, insurance companies and asset managers from many different countries. They have provided various types of financial services to nuclear weapon companies. The most important are loans, investment banking and asset management.

Loans

Banks can offer or participate in loans to nuclear weapon companies via either general corporate financing or project financing.

Investment banking

Investment banking services include helping nuclear weapon companies to sell shares and bonds to investors (asset managers, insurance companies etc.), regardless of how the proceeds are used (most of the time for general corporate purposes), and offering financial advisory services.

Asset management

Asset management means holding or managing shares or bonds that nuclear weapon companies issued either on the investors; behalf or on behalf of third parties (which includes the development and/or sale of investment funds containing stocks or debt securities from nuclear weapon companies).

Asset management can result in a financial institution's involvement with nuclear weapon companies in various ways. The financial institution can act on behalf of a third party when buying shares in or bonds issued by a company. Most of the time this means the third party, a person or an institution, is buying one or more shares in an investment fund that the financial institution markets. The financial institution's asset manager manages this fund using an investment strategy. The financial institution can also buy shares in and bonds issued by a company on its own behalf. This makes the financial institution a shareholder or bondholder in this company.

This distinction is often referred to as a financial institution's direct and indirect involvement. However, since there is no universal definition of the terms 'direct' or 'indirect' financing, and since these terms are used for different contents, we chose not to use these terms here.¹

If the amounts per financial institution were known, these amounts were used. If the amounts were unknown, an estimate was used. The estimates are based on the following rules of thumb:

- In the case of loans (corporate loans or revolving credit facilities), 40% of the total amount is committed by bookrunners and 60% by other participants of the syndicate. If, however, the amount of bookrunners is (almost) equal to, or higher than, the amount of participants, the reverse is used: 60% for the bookrunners and 40% for the arrangers. So if there are for example 5 bookrunners and 4 participants and the amount of the loan is € 100, the estimate will be that the bookrunners commit 60% (€ 12 each) and the participants 40% (€ 10 each). The amount provided by bookrunners is *always* higher than the amount provided by participants;
- In the case of share- and bond issuances, 75% of the total amount is committed by bookrunners and 25% by other participants of the syndicate. The amount provided by bookrunners should *always* be higher than the amount provided by participants.
- In the case of share- and bondholdings, the amounts are always known, so no estimate was needed.

Definitions

The following definitions are used:

- **Financial institutions:** banks, pension funds, asset managers, insurance companies and other financial institutions from any country in the world;
- **Substantive involvement in financing:** financial institutions can be involved in financing nuclear weapon companies by providing corporate loans, project finance or working capital facilities; by underwriting share and bond issuances; and by (managing) investments in shares and bonds of these companies.
- All loans and underwriting deals since 1 January 2011 are considered to be of substantive importance. Also loans which have been closed before that date but have not yet matured at the time of writing are included.
- Bond holdings at the most recent filing date are considered to be substantive if they cross the threshold of 0.5% of the company's outstanding shares or bonds.
- Shareholdings at the most recent filing date are considered to be substantive if they cross the threshold of 0.5% of the company's outstanding shares.
- **Nuclear weapon companies:** identified companies involved in producing or maintaining nuclear weapons or significant, specific components thereof. Which share this activity constitutes of the company's turnover is not deemed relevant.

¹ More information on the difference between direct and indirect financing is given in a background paper by FairFin (formerly Netwerk Vlaanderen): "The scope of banks' sustainable investment policies – the issue of direct and indirect financing", Netwerk Vlaanderen, May 2010, available at www.stopclustermunitions.org/wp/wp-content/uploads/2010/07/background-paper-on-direct-and-indirect-investments.pdf, viewed July 2013.

Hall of Shame

1. A.K. Group (India)

A.K. Group has made an estimated 11 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by A.K. Group (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by A.K. Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	36	5	13-Jun-2014
		45	6	13-Jun-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

2. Aberdeen Asset Management (United Kingdom)

Aberdeen Asset Management has made an estimated 627 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Aberdeen Asset Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Aberdeen Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	483	2.10	07-Aug-2014
Serco	United Kingdom	144	3.73	03-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

3. ABP (Netherlands)

ABP has made an estimated 277 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which ABP (Netherlands) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by ABP

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	108	0.63	11-Jan-2013
Safran	France	170	0.59	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

4. Abrams Bison Investments (United States)

Abrams Bison Investments has made an estimated 280 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Abrams Bison Investments (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Abrams Bison Investments

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	280	0.72	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

5. Abu Dhabi Investment Authority (United Arab Emirates)

Abu Dhabi Investment Authority has made an estimated 280 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Abu Dhabi Investment Authority (United Arab Emirates) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Abu Dhabi Investment Authority

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	162	1.01	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

6. Acciona (Spain)

Acciona has made an estimated 355 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Acciona (Spain) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Acciona

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Thales	France	355	2.84	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

7. Adage Capital Management (United States)

Adage Capital Management has made an estimated 864 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Adage Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Adage Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	482	0.53	30-Jun-2014
Honeywell International	United States	382	0.53	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

8. Addison Clark Management (United States)

Addison Clark Management has made an estimated 41 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Addison Clark Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Addison Clark Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	41	1.41	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

9. Advisors Asset Management (United States)

Advisors Asset Management has made an estimated 20 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Advisors Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Advisors Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	20	0.71	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

10. Aetna (United States)

Aetna has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Aetna (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Aetna

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

11. Affiliated Managers Group (United States)

Affiliated Managers Group has made an estimated 726 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Affiliated Managers Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Affiliated Managers Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	74	1.73	30-Jun-2014
Gencorp	United States	6	0.56	30-Jun-2014
Huntington Ingalls	United States	49	1.07	30-Jun-2014
Jacobs Engineering	United States	55	0.77	30-Jun-2014
Rockwell Collins	United States	90	0.85	30-Jun-2014
Safran	France	173	0.60	31-Mar-2014
URS	United States	279	8.80	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

12. Aflac (United States)

Aflac has made an estimated 139 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Aflac (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Aflac

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	103	2.64	31-Mar-2014
Raytheon	United States	36	0.68	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

13. AJO (United States)

AJO has made an estimated 668 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which AJO (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by AJO

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	181	4.24	30-Jun-2014
Huntington Ingalls	United States	185	4.02	30-Jun-2014
Northrop Grumman	United States	279	1.12	30-Jun-2014
URS	United States	23	0.72	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

14. Alfried Krupp von Bohlen und Halbach-Stiftung (Germany)

Alfried Krupp von Bohlen und Halbach-Stiftung has made an estimated 3,493 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Alfried Krupp von Bohlen und Halbach-Stiftung (Germany) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Alfried Krupp von Bohlen und Halbach-Stiftung

Company	Country	Total value (USD mln)	% Outstanding	Filing date
ThyssenKrupp	Germany	3,493	23.03	31-Mar-2014

15. Allianz (Germany)

Allianz has made an estimated 913 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Allianz (Germany) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Allianz

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	114	2.67	30-Jun-2014
Babcock & Wilcox	United States	95	2.71	30-Jun-2014
Fluor	United States	76	0.62	30-Jun-2014
Northrop Grumman	United States	299	1.20	30-Jun-2014
Serco	United Kingdom	24	0.70	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Allianz (Germany) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Allianz

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	103	3.09	31-Mar-2014
Honeywell International	United States	88	1.40	31-Mar-2014
Huntington Ingalls	United States	39	3.23	08-Sep-2014
Northrop Grumman	United States	40	0.92	31-Mar-2014
Raytheon	United States	31	0.59	31-Mar-2014
Safran	France	4	0.55	31-May-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

16. Allstate Corporation (United States)

Allstate Corporation has made an estimated 196 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Allstate Corporation (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Allstate Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	23	0.69	31-Mar-2014
Fluor	United States	20	2.41	31-Mar-2014
General Dynamics	United States	20	0.51	31-Mar-2014
Leidos	United States	10	0.77	31-Mar-2014
Northrop Grumman	United States	43	0.99	31-Mar-2014
Raytheon	United States	32	0.60	31-Mar-2014
Rockwell Collins	United States	28	1.70	31-Mar-2014
Textron	United States	20	0.92	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

17. Altius Finserv Private (India)

Altius Finserv Private has made an estimated 8 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Altius Finserv Private (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Altius Finserv Private

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

18. Alyeska Investment Group (United States)

Alyeska Investment Group has made an estimated 52 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Alyeska Investment Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Alyeska Investment Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	30	0.93	30-Jun-2014
Alliant Techsystems	United States	22	0.53	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

19. Amalgamated Bank of Chicago (United States)

Amalgamated Bank of Chicago has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Amalgamated Bank of Chicago (United States) to the nuclear weapon companies since January 2011.

Loans provided by Amalgamated Bank of Chicago

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

20. American Century Companies (United States)

American Century Companies has made an estimated 1,421 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which American Century Companies (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by American Century Companies

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	41	0.96	30-Jun-2014
BAE Systems	United Kingdom	148	0.63	30-Jun-2014
Boeing	United States	540	0.59	30-Jun-2014
Honeywell International	United States	486	0.67	30-Jun-2014

Rockwell Collins	United States	93	0.88	30-Jun-2014
Textron	United States	94	0.88	30-Jun-2014
URS	United States	19	0.60	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

21. American Family Mutual Insurance (United States)

American Family Mutual Insurance has made an estimated 187 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which American Family Mutual Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by American Family Mutual Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	46	1.17	31-Mar-2014
Leidos	United States	41	3.14	31-Mar-2014
Northrop Grumman	United States	60	1.38	31-Mar-2014
Raytheon	United States	30	0.57	31-Mar-2014
Rockwell Collins	United States	10	0.61	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

22. American Financial Group (United States)

American Financial Group has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which American Financial Group (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by American Financial Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

23. American International Group (United States)

American International Group has made an estimated 1,033 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which American International Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by American International Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Lockheed Martin	United States	343	0.67	30-Jun-2014
Raytheon	United States	309	1.08	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which American International Group (United States) owns or manages 0.50% or more of the outstanding bonds at the

most recent available filing date.

Bondholdings managed by American International Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	68	2.06	31-Mar-2014
Fluor	United States	57	6.87	31-Mar-2014
Honeywell International	United States	33	0.52	31-Mar-2014
Huntington Ingalls	United States	12	1.02	30-Apr-2014
Leidos	United States	137	10.53	31-Mar-2014
Northrop Grumman	United States	24	0.55	31-Mar-2014
Rockwell Collins	United States	23	1.38	31-Mar-2014
Textron	United States	27	1.23	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

24. American National Financial Group (United States)

American National Financial Group has made an estimated 6 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which American National Financial Group (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by American National Financial Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	6	0.78	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

25. American National Insurance (United States)

American National Insurance has made an estimated 51 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which American National Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by American National Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	18	1.35	31-Mar-2014
Northrop Grumman	United States	22	0.51	31-Mar-2014
Textron	United States	11	0.51	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

26. American United Mutual Insurance (United States)

American United Mutual Insurance has made an estimated 83 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which American United Mutual Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by American United Mutual Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	29	3.54	31-Mar-2014
Huntington Ingalls	United States	8	0.64	31-Mar-2014
Leidos	United States	13	1.00	31-Mar-2014
Rockwell Collins	United States	15	0.91	31-Mar-2014
Textron	United States	18	0.84	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

27. Ameriprise Financial (United States)

Ameriprise Financial has made an estimated 3,047 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Ameriprise Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Ameriprise Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	41	1.17	30-Jun-2014
BAE Systems	United Kingdom	181	0.85	18-Apr-2014
Gencorp	United States	8	0.76	30-Jun-2014
General Dynamics	United States	294	0.75	30-Jun-2014
Honeywell International	United States	943	1.30	30-Jun-2014
Jacobs Engineering	United States	204	2.87	30-Jun-2014
Lockheed Martin	United States	538	1.05	30-Jun-2014
Raytheon	United States	527	1.84	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Ameriprise Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Ameriprise Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	22	1.86	30-Jun-2014
Lockheed Martin	United States	70	0.73	31-Mar-2014
Northrop Grumman	United States	185	4.25	30-Jun-2014
Raytheon	United States	34	0.65	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

28. Ameritas Mutual (United States)

Ameritas Mutual has made an estimated 9 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Ameritas Mutual (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Ameritas Mutual

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	9	0.55	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

29. Anchor Financial & Accounting (United States)

Anchor Financial & Accounting has made an estimated 24 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Anchor Financial & Accounting (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Anchor Financial & Accounting

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	24	0.60	29-Nov-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

30. Anima (Italy)

Anima has made an estimated 43 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Anima (Italy) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Anima

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Finmeccanica	Italy	43	0.78	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

31. ANZ (Australia)

ANZ has made an estimated 2,899 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by ANZ (Australia) to the nuclear weapon companies since January 2011.

Loans provided by ANZ

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,050	105	29-Jan-2014
Airbus Group	EADS	4,345	76	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	1,307	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Fluor	Fluor Corp	1,800	180	09-Nov-2012
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	4,000	73	18-Nov-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Jacobs Engineering	Jacobs Engineering Group Inc	460	61	07-Feb-2014
Larsen & Toubro	Larsen & Toubro Ltd	47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
Serco	Serco Group PLC	1,159	72	21-Feb-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by ANZ (Australia) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by ANZ

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011
		900	54	09-Jun-2011
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	60	27-Nov-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

32. AQR Capital Management (United States)

AQR Capital Management has made an estimated 311 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which AQR Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by AQR Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	39	1.21	30-Jun-2014
Alliant Techsystems	United States	31	0.71	30-Jun-2014
Leidos	United States	14	0.50	30-Jun-2014
Northrop Grumman	United States	215	0.86	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which AQR Capital Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by AQR Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	12	1.47	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

33. Argent Financial (United States)

Argent Financial has made an estimated 61 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Argent Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Argent Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	61	0.57	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

34. Arovid Associates (United States)

Arovid Associates has made an estimated 149 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Arovid Associates (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Arovid Associates

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	149	3.47	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

35. Artemis Investment Management (United Kingdom)

Artemis Investment Management has made an estimated 318 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Artemis Investment Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Artemis Investment Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	318	1.38	07-Aug-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

36. Artisan Partners (United States)

Artisan Partners has made an estimated 602 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Artisan Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Artisan Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	171	2.41	30-Jun-2014
Rockwell Collins	United States	244	2.31	30-Jun-2014
Serco	United Kingdom	78	2.28	30-Jun-2014
URS	United States	109	3.44	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

37. Associated Banc-Corp (United States)

Associated Banc-Corp has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Associated Banc-Corp (United States) to the nuclear weapon companies since January 2011.

Loans provided by Associated Banc-Corp

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

38. Atlanta Life Financial (United States)

Atlanta Life Financial has made an estimated 147 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Atlanta Life Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Atlanta Life Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	147	1.39	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

39. Auto-Owners Insurance (United States)

Auto-Owners Insurance has made an estimated 20 million USD available to the nuclear weapons

producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Auto-Owners Insurance (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Auto-Owners Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	7	0.78	31-Mar-2014
Leidos	United States	13	1.01	31-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

40. Aviva (United Kingdom)

Aviva has made an estimated 185 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Aviva (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Aviva

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Thales	France	147	1.07	31-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Aviva (United Kingdom) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Aviva

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	20	3.55	31-Jul-2014
Rockwell Collins	United States	18	1.11	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

41. AXA (France)

AXA has made an estimated 2,632 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which AXA (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by AXA

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	66	2.06	30-Jun-2014
BAE Systems	United Kingdom	1,101	5.07	19-Feb-2014
Boeing	United States	583	0.64	30-Jun-2014
Northrop Grumman	United States	144	0.58	30-Jun-2014
Raytheon	United States	318	1.11	30-Jun-2014
Serco	United Kingdom	171	4.44	03-Mar-2014
URS	United States	104	3.27	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which AXA (France) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by AXA

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	35	1.06	31-Mar-2014
Fluor	United States	8	1.00	30-Apr-2013
Huntington Ingalls	United States	28	2.32	31-Jul-2014
Leidos	United States	31	2.36	31-Mar-2014
Raytheon	United States	33	0.63	31-Mar-2014
Rockwell Collins	United States	10	0.59	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

42. Axis Bank (India)

Axis Bank has made an estimated 69 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Axis Bank (India) for the nuclear weapon companies since January 2011..

Underwriting of bond issuances by Axis Bank

Company	Subsidiary	Use of Proceeds	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	General	36	5	13-Jun-2014
			45	45	09-Mar-2012
			45	6	13-Jun-2014
	L&T Fincorp Ltd	General	26	13	21-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

43. Baillie Gifford & Co (United Kingdom)

Baillie Gifford & Co has made an estimated 168 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Baillie Gifford & Co (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Baillie Gifford & Co

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	168	4.37	03-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

44. Banca Carige (Italy)

Banca Carige has made an estimated 150 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Banca Carige (Italy) to the nuclear weapon companies since January 2011.

Loans provided by Banca Carige

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	150	09-Jul-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

45. Banca Monte dei Paschi di Siena (Italy)

Banca Monte dei Paschi di Siena has made an estimated 150 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Banca Monte dei Paschi di Siena (Italy) to the nuclear weapon companies since January 2011.

Loans provided by Banca Monte dei Paschi di Siena

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	150	09-Jul-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

46. Banca Popolare di Sondrio (Italy)

Banca Popolare di Sondrio has made an estimated 150 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Banca Popolare di Sondrio (Italy) to the nuclear weapon companies since January 2011.

Loans provided by Banca Popolare di Sondrio

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	150	09-Jul-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

47. Banca Popolare Emilia Romagna (Italy)

Banca Popolare Emilia Romagna has made an estimated 150 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Banca Popolare Emilia Romagna (Italy) to the nuclear weapon companies since January 2011..

Loans provided by Banca Popolare Emilia Romagna

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	150	09-Jul-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

48. Banco de Sabadell (Spain)

Banco de Sabadell has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Banco de Sabadell (Spain) to the nuclear weapon companies since January 2011.

Loans provided by Banco de Sabadell

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

49. BancPlus (United States)

BancPlus has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by BancPlus (United States) to the nuclear weapon companies since January 2011.

Loans provided by BancPlus

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

50. Bank Hapoalim (Israel)

Bank Hapoalim has made an estimated 42million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Bank Hapoalim (Israel) to the nuclear weapon companies since January 2011.

Loans provided by Bank Hapoalim

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		200	13	05-Sep-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

51. Bank of America (United States)

Bank of America has made an estimated 17,990 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Bank of America (United States) to the nuclear weapon companies since January 2011.

Loans provided by Bank of America

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	142	11 Aug 2014
		1,050	126	11 Aug 2014
		750	150	07-Jun-2013
		600	120	23-Sep-2011
		1,050	39	29-Jan-2014

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		1,050	158	13-Jul-2011
Airbus Group	EADS	4,345	76	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	250	25	08-Oct-2013
		700	47	08-Oct-2013
		1,010	67	08-Oct-2013
		200	20	03-Sep-2012
		150	15	24-Jun-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	70	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	950	158	06-Feb-2011
		975	195	27-Jul-2012
		1,550	258	06-Feb-2011
		1,000	150	14-Jun-2013
		2,000	300	14-Jun-2013
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
CH2M	CH2M Hill Cos Ltd	900	72	19-Apr-2012
		1,100	220	22-Mar-2014
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Fluor	Fluor Corp	1,700	255	28-May-2014
		1,800	270	28-May-2014
		1,800	270	09-Nov-2012
Gencorp	GenCorp Inc	100	13	30-May-2014
		200	27	30-May-2014
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	80	14-Jul-2011
		1,000	80	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	800	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,160	155	23-Mar-2012
		460	61	07-Feb-2014
		1,140	152	07-Feb-2014
Lockheed Martin	Lockheed Martin Corp	1,500	120	26-Aug-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	280	13-Dec-2011
Serco	Serco Group PLC	364	109	17-Jun-2011
		121	36	17-Jun-2011
		1,159	72	21-Feb-2012
Textron	Textron Inc	500	50	23-Jan-2014
		1,000	100	30-Sep-2013
		1,000	143	02-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Feb-2014

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
URS	URS Corp	500	67	02-Mar-2012
		700	70	14-Oct-2011
		1,000	100	14-Oct-2011
		39	4	16-Dec-2013
		655	66	16-Dec-2013
		961	96	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Bank of America (United States) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Bank of America

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	2,987	1,195	04-Sep-2013
		166	166	08-Jan-2013
		492	492	04-Apr-2013
Safran	Safran SA	1,218	305	15-Nov-2013
Serco	Serco Group PLC	270	135	05-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Bank of America (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Bank of America

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
Alliant Techsystems	Alliant Techsystems Inc	300	50	22-Oct-2013
BAE Systems	BAE Systems PLC	619	155	30-May-2012
Boeing	Boeing Capital Corp	250	33	28-Jul-2011
		500	67	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	100	09-Aug-2011
General Dynamics	General Dynamics Corp	500	40	07-May-2011
		500	40	07-May-2011
		500	40	07-May-2011
		500	50	11-Jan-2012
		900	90	11-Jan-2012
		1,000	100	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	80	14-Feb-2011
		800	107	14-Feb-2011
Lockheed Martin	Lockheed Martin Corp	500	40	09-Jun-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		600	48	09-Jun-2011
		900	72	09-Jun-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011
	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	425	43	29-Nov-2011
		575	58	29-Nov-2011
		1,100	88	27-Nov-2012
Safran	Safran SA	155	78	02-Sep-2012
		505	253	02-Sep-2012
		540	270	02-Sep-2012
Serco	Serco Group PLC	50	50	05-Sep-2011
		70	23	12-Jun-2011
		100	100	05-Sep-2011
		125	42	12-Jun-2011
		140	47	12-Jun-2011
		150	150	05-Sep-2011
Textron	Textron Inc	250	30	14-Sep-2011
		250	30	14-Sep-2011
		250	25	23-Jan-2014
		350	35	23-Jan-2014
URS	URS Corp	400	100	03-Aug-2012
		600	150	03-Aug-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Bank of America (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Bank of America

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	221	7.76	06-Jan-2014
Alliant Techsystems	United States	28	0.65	30-Jun-2014
Boeing	United States	654	0.71	30-Jun-2014
Fluor	United States	109	0.90	30-Jun-2014
General Dynamics	United States	1,195	3.06	30-Jun-2014
Honeywell International	United States	1,058	1.46	30-Jun-2014
Huntington Ingalls	United States	29	0.62	30-Jun-2014
Jacobs Engineering	United States	66	0.93	30-Jun-2014
Leidos	United States	31	1.08	30-Jun-2014
Lockheed Martin	United States	1,031	2.02	30-Jun-2014
Northrop Grumman	United States	567	2.28	30-Jun-2014
Raytheon	United States	850	2.96	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

52. Bank of China (China)

Bank of China has made an estimated 312 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Bank of China (China) to the nuclear weapon companies since January 2011.

Loans provided by Bank of China

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Honeywell International	Honeywell International Inc	4,000	73	18-Nov-2013
Textron	Textron Inc	500	50	23-Jan-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

53. Bank of Communications (China)

Bank of Communications has made an estimated 20 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Bank of Communications (China) to the nuclear weapon companies since January 2011.

Loans provided by Bank of Communications

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

54. Bank of East Asia (Hong Kong)

Bank of East Asia has made an estimated 50 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Bank of East Asia (Hong Kong) to the nuclear weapon companies since January 2011.

Loans provided by Bank of East Asia

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Textron	Textron Inc	500	50	23-Jan-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

55. Bank of New York Mellon (United States)

Bank of New York Mellon has made an estimated 4,787 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Bank of New York Mellon (United States) to the nuclear weapon companies since January 2011.

Loans provided by Bank of New York Mellon

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		200	13	03-Sep-2012
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Northrop Grumman	Northrop Grumman Corp	500	43	08-Sep-2011
		1,500	129	08-Sep-2011
		500	13	18-Aug-2012
Textron	Textron Inc	500	50	23-Jan-2014
		1,000	100	30-Sep-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Bank of New York Mellon (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Bank of New York Mellon

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
General Dynamics	General Dynamics Corp	500	19	05-Jul-2011
		500	19	05-Jul-2011
		500	19	05-Jul-2011
		500	21	01-Nov-2012
		900	39	01-Nov-2012
		1,000	43	01-Nov-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	1,100	60	27-Nov-2012
Textron	Textron Inc	250	25	14-Sep-2011
		250	25	14-Sep-2011
		250	19	23-Jan-2014
		350	26	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Bank of New York Mellon (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Bank of New York Mellon

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	458	1.99	07-Aug-2014
Boeing	United States	738	0.80	30-Jun-2014
Fluor	United States	222	1.83	30-Jun-2014
Gencorp	United States	6	0.52	30-Jun-2014
General Dynamics	United States	237	0.61	30-Jun-2014
Honeywell International	United States	430	0.59	30-Jun-2014
Huntington Ingalls	United States	23	0.50	30-Jun-2014
Jacobs Engineering	United States	39	0.55	30-Jun-2014
Leidos	United States	70	2.44	30-Jun-2014
Lockheed Martin	United States	451	0.88	30-Jun-2014
Northrop Grumman	United States	354	1.42	30-Jun-2014
Raytheon	United States	208	0.73	30-Jun-2014
Rockwell Collins	United States	141	1.34	30-Jun-2014
Serco	United Kingdom	166	4.30	03-Mar-2014
Textron	United States	110	1.03	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

56. Banner Bank (United States)

Banner Bank has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Banner Bank (United States) to the nuclear weapon companies since January 2011.

Loans provided by Banner Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

57. Barclays (United Kingdom)

Barclays has made an estimated 4.938 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Barclays (United Kingdom) to the nuclear weapon companies since January 2011.

Loans provided by Barclays

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,050	39	29-Jan-2014
Airbus Group	EADS	4,345	163	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	1,000	100	14-Jun-2013
		2,000	200	14-Jun-2013
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Fluor	Fluor Corp	1,700	227	28-May-2014
		1,800	240	28-May-2014
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	800	18-Nov-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,140	62	07-Feb-2014
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
Serco	Serco Group PLC	364	109	17-Jun-2011
		121	36	17-Jun-2011
		1,159	72	21-Feb-2012
TASC	TASC Inc	100	13	19-Apr-2011
		575	72	19-Apr-2011
		50	5	23-Apr-2014
		250	25	23-Apr-2014
		393	39	23-Apr-2014
URS	URS Corp	500	43	02-Mar-2012
		39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Barclays (United Kingdom) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Barclays

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	280	34	30-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Barclays (United Kingdom) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Barclays

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
	Boeing Co	150	50	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	80	14-Feb-2011
		800	107	14-Feb-2011
Larsen & Toubro	L&T Finance Ltd	24	24	09-Jun-2011
	Larsen & Toubro Ltd	49	49	04-Oct-2012
		49	49	29-Mar-2012
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	60	27-Nov-2012
Serco	Serco Group PLC	20	10	13-May-2013
		70	23	12-Jun-2011
		70	35	13-May-2013
		125	42	12-Jun-2011
		140	47	12-Jun-2011
		150	75	13-May-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Barclays (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Barclays

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	877	4.04	19-Feb-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

58. BayernLB (Germany)

BayernLB has made an estimated 736 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by BayernLB (Germany) to the nuclear weapon companies since January 2011.

Loans provided by BayernLB

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by BayernLB (Germany) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by BayernLB

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Co	350	10	30-Apr-2013
ThyssenKrupp	ThyssenKrupp AG	1,670	417	18-Feb-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

59. BB&T Corporation (United States)

BB&T Corporation has made an estimated 280 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by BB&T Corporation (United States) to the nuclear weapon companies since January 2011.

Loans provided by BB&T Corporation

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
		1,050	39	29-Jan-2014
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		200	13	03-Sep-2012
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
URS	URS Corp	39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

60. Beck, Mack & Oliver (United States)

Beck, Mack & Oliver has made an estimated 108 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Beck, Mack & Oliver (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Beck, Mack & Oliver

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	108	0.89	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

61. Becker Capital Management (United States)

Becker Capital Management has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Becker Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Becker Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	21	0.61	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

62. Bessemer (United States)

Bessemer has made an estimated 80 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Bessemer (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Bessemer

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	80	0.76	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

63. BlackRock (United States)

BlackRock has made an estimated 24,792 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which BlackRock (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by BlackRock

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	199	6.21	30-Jun-2014
Airbus Group	France	3,373	6.22	31-Jul-2014
Alliant Techsystems	United States	240	5.62	30-Jun-2014
Babcock & Wilcox	United States	129	3.69	30-Jun-2014
BAE Systems	United Kingdom	1,142	5.01	04-Jul-2014
Boeing	United States	3,345	3.65	30-Jun-2014
Finmeccanica	Italy	106	1.98	31-Jul-2014
Fluor	United States	474	3.92	30-Jun-2014
Gencorp	United States	94	8.36	30-Jun-2014
General Dynamics	United States	1,588	4.08	30-Jun-2014
Honeywell International	United States	3,368	4.63	30-Jun-2014
Huntington Ingalls	United States	276	6.01	30-Jun-2014
Jacobs Engineering	United States	276	3.89	30-Jun-2014
Larsen & Toubro	India	166	0.72	31-Jul-2014
Leidos	United States	157	5.47	30-Jun-2014
Lockheed Martin	United States	2,403	4.71	30-Jun-2014
Northrop Grumman	United States	2,132	8.57	30-Jun-2014
Raytheon	United States	2,211	7.72	30-Jun-2014

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	428	4.06	30-Jun-2014
Safran	France	820	3.06	31-Jul-2014
Serco	United Kingdom	156	4.56	07-May-2014
Textron	United States	429	4.01	30-Jun-2014
ThyssenKrupp	Germany	1,015	6.02	31-Jul-2014
URS	United States	174	5.49	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which BlackRock (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by BlackRock

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	22	0.57	05-Sep-2014
Huntington Ingalls	United States	47	3.95	05-Sep-2014
Northrop Grumman	United States	22	0.50	05-Sep-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

64. Blue Cross Blue Shield Association (United States)

Blue Cross Blue Shield Association has made an estimated 8 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Blue Cross Blue Shield Association (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Blue Cross Blue Shield Association

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	8	1.44	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

65. Blue Harbour Group (United States)

Blue Harbour Group has made an estimated 228 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Blue Harbour Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Blue Harbour Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	228	6.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

66. BlueMountain Capital Management (United States)

BlueMountain Capital Management has made an estimated 27 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which BlueMountain Capital Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most

recent available filing date.

Bondholdings managed by BlueMountain Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	27	3.35	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

67. BMO Financial (Canada)

BMO Financial has made an estimated 328 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by BMO Financial (Canada) to the nuclear weapon companies since January 2011.

Loans provided by BMO Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,050	39	29-Jan-2014
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which BMO Financial (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by BMO Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	60	1.31	30-Jun-2014
Northrop Grumman	United States	144	0.58	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

68. BNP Paribas (France)

BNP Paribas has made an estimated 7,052 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by BNP Paribas (France) to the nuclear weapon companies since January 2011.

Loans provided by BNP Paribas

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	142	11-Aug-2014
		1,050	126	11-Aug-2014
		750	20	07-Jun-2013
		1,050	105	29-Jan-2014
		1,050	158	13-Jul-2011
Airbus Group	EADS	4,345	163	14-Mar-2011
Babcock & Wilcox	The Babcock & Wilcox Co	700	70	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	950	158	06-Feb-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		975	195	27-Jul-2012
		1,550	258	06-Feb-2011
		1,000	150	14-Jun-2013
		2,000	300	14-Jun-2013
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
CH2M	CH2M Hill Cos Ltd	900	135	19-Apr-2012
		1,100	220	22-Mar-2014
Finmeccanica	Finmeccanica SpA	3,001	150	09-Jul-2014
Fluor	Fluor Corp	1,700	255	28-May-2014
		1,800	270	28-May-2014
		1,800	270	09-Nov-2012
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,160	139	23-Mar-2012
			155	23-Mar-2012
		460	61	07-Feb-2014
		1,140	62	07-Feb-2014
			152	07-Feb-2014
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	43	09-Aug-2011
		1,500	129	09-Aug-2011
		500	13	18-Aug-2012
Safran	Safran SA	1,320	176	21-Oct-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Mar-2014
URS	URS Corp	500	43	02-Mar-2012
		700	70	14-Oct-2011
		1,000	100	14-Oct-2011
		39	4	16-Dec-2013
		655	66	16-Dec-2013
		961	96	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by BNP Paribas (France) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by BNP Paribas

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
BAE Systems	BAE Systems PLC	619	155	30-May-2012
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	100	09-Aug-2011
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011
	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	60	27-Nov-2012
Thales	Thales SA	389	56	13-Mar-2013
		648	93	13-Mar-2013
ThyssenKrupp	ThyssenKrupp AG	1,654	414	21-Feb-2012
		1,717	429	19-Feb-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which BNP Paribas (France) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by BNP Paribas

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Thales	France	9	0.84	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

69. Boston Mutual Life Insurance (United States)

Boston Mutual Life Insurance has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Boston Mutual Life Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Boston Mutual Life Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

70. Boston Private Financial (United States)

Boston Private Financial has made an estimated 162 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Boston Private Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent

available filing date.

Shareholdings managed by Boston Private Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	63	1.81	30-Jun-2014
Leidos	United States	36	1.25	30-Jun-2014
Rockwell Collins	United States	63	0.60	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

71. Brown Advisory (United States)

Brown Advisory has made an estimated 552 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Brown Advisory (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Brown Advisory

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	552	4.55	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

72. Burgundy Asset Management (Canada)

Burgundy Asset Management has made an estimated 69 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Burgundy Asset Management (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Burgundy Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	69	1.97	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

73. Caisse de dépôt et placement du Québec (Canada)

Caisse de dépôt et placement du Québec has made an estimated 455 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Caisse de dépôt et placement du Québec (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Caisse de dépôt et placement du Québec

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Lockheed Martin	United States	455	0.89	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

74. Calamos Asset Management (United States)

Calamos Asset Management has made an estimated 36 million USD available to the nuclear weapons

producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Calamos Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Calamos Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	36	0.50	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

75. California First National Bancorp (United States)

California First National Bancorp has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by California First National Bancorp (United States) to the nuclear weapon companies since January 2011.

Loans provided by California First National Bancorp

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

76. California Public Employees' Retirement System (United States)

California Public Employees' Retirement System has made an estimated 88 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which California Public Employees' Retirement System (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by California Public Employees' Retirement System

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	63	0.52	30-Jun-2014
URS	United States	25	0.78	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

77. Capital Group (United States)

Capital Group has made an estimated 27,348 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Capital Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Capital Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	2,375	5.07	25-Jul-2013
BAE Systems	United Kingdom	1,160	5.09	31-Jul-2014
Boeing	United States	8,000	8.73	30-Jun-2014

General Dynamics	United States	4,867	12.49	30-Jun-2014
Honeywell International	United States	792	1.09	30-Jun-2014
Jacobs Engineering	United States	217	3.07	30-Jun-2014
Lockheed Martin	United States	7,017	13.75	30-Jun-2014
Northrop Grumman	United States	751	3.02	30-Jun-2014
Rockwell Collins	United States	1,296	12.27	30-Jun-2014
Serco	United Kingdom	173	4.50	03-Mar-2014
Textron	United States	699	6.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

78. Capital One Financial Corporation (United States)

Capital One Financial Corporation has made an estimated 46 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Capital One Financial Corporation (United States) to the nuclear weapon companies since January 2011.

Loans provided by Capital One Financial Corporation

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

79. Capstone Investment Advisors (United States)

Capstone Investment Advisors has made an estimated 11 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Capstone Investment Advisors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Capstone Investment Advisors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	11	0.96	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

80. Carlson Capital (United States)

Carlson Capital has made an estimated 13 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Carlson Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Carlson Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	13	1.19	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

81. Carlyle Group (United States)

Carlyle Group has made an estimated 144 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Carlyle Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Carlyle Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	144	1.35	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

82. Carmignac Gestion (France)

Carmignac Gestion has made an estimated 890 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Carmignac Gestion (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Carmignac Gestion

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	353	2.91	30-Jun-2014
Jacobs Engineering	United States	180	2.53	30-Jun-2014
Larsen & Toubro	India	357	1.36	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

83. Cascade Bancorp (United States)

Cascade Bancorp has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Cascade Bancorp (United States) to the nuclear weapon companies since January 2011.

Loans provided by Cascade Bancorp

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

84. Central Bank of Libya (Libya)

Central Bank of Libya has made an estimated 105 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Central Bank of Libya (Libya) to the nuclear weapon companies since January 2011.

Loans provided by Central Bank of Libya

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,050	105	29-Jan-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

85. Central Pacific Financial Corporation (United States)

Central Pacific Financial Corporation has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Central Pacific Financial Corporation (United States) to the nuclear weapon companies since January 2011.

Loans provided by Central Pacific Financial Corporation

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

86. Century Operating Corporation (United States)

Century Operating Corporation has made an estimated 54 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Century Operating Corporation (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Century Operating Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	54	0.76	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

87. Cevian Capital (Sweden)

Cevian Capital has made an estimated 2287 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Cevian Capital (Sweden) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Cevian Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
ThyssenKrupp	Germany	2,287	15.08	31-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

88. Charles Schwab (United States)

Charles Schwab has made an estimated 147 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Charles Schwab (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available

filing date.

Shareholdings managed by Charles Schwab

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Northrop Grumman	United States	147	0.59	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

89. Chesapeake Partners Management (United States)

Chesapeake Partners Management has made an estimated 30 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Chesapeake Partners Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Chesapeake Partners Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	30	2.67	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

90. Chiba Bank (Japan)

Chiba Bank has made an estimated 20 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Chiba Bank (Japan) to the nuclear weapon companies since January 2011.

Loans provided by Chiba Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

91. Chubb (United States)

Chubb has made an estimated 25 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Chubb (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Chubb

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Northrop Grumman	United States	25	0.57	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

92. CI Financial (Canada)

CI Financial has made an estimated 17 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which CI Financial (Canada) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by CI Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	17	1.44	31-Dec-2013

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

93. Citadel Group (United States)

Citadel Group has made an estimated 88 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Citadel Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Citadel Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	88	0.82	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

94. Citigroup (United States)

Citigroup has made an estimated 12,380 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Citigroup (United States) to the nuclear weapon companies since January 2011.

Loans provided by Citigroup

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	250	14	08-Oct-2013
		700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		150	15	24-Jun-2014
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	950	158	06-Feb-2011
		975	146	27-Jul-2012
		1,550	258	06-Feb-2011
		1,000	150	14-Jun-2013
		2,000	300	14-Jun-2013
Boeing	Boeing Co	2,393	798	07-Nov-2013
		2,453	818	07-Nov-2013
		2,300	460	05-Nov-2011
		2,300	460	05-Nov-2011
		2,300	690	29-Sep-2012
		2,300	690	29-Sep-2012
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Fluor	Fluor Corp	1,700	255	28-May-2014
		1,800	270	28-May-2014
		1,800	270	07-Nov-2012
Gencorp	GenCorp Inc	100	8	30-May-2014

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		200	15	30-May-2014
Honeywell International	Honeywell International Inc	2,800	560	17-Mar-2011
		3,000	600	30-Mar-2012
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Lockheed Martin	Lockheed Martin Corp	1,500	120	26-Aug-2011
Northrop Grumman	Northrop Grumman Corp	500	50	08-Sep-2011
		1,500	150	08-Sep-2011
		500	50	18-Aug-2012
		1,775	355	29-Aug-2013
Raytheon	Raytheon Co	1,400	76	13-Dec-2011
Textron	Textron Inc	500	25	23-Jan-2014
		1,000	100	30-Sep-2013
		1,000	143	02-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014
URS	URS Corp	500	67	02-Mar-2012
		700	70	14-Oct-2011
		1,000	100	14-Oct-2011
		39	4	16-Dec-2013
		655	66	16-Dec-2013
		961	96	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Citigroup (United States) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Citigroup

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	34	17	06-Dec-2014
		280	28	30-Jul-2011
			34	30-Jul-2011
Safran	Safran SA	1,218	305	15-Nov-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Citigroup (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Citigroup

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
	Boeing Co	350	35	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
Gencorp	GenCorp Inc	460	115	18-Jan-2013
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	80	14-Feb-2011
		800	107	14-Feb-2011
Lockheed Martin	Lockheed Martin Corp	500	40	09-Jun-2011
		600	48	09-Jun-2011
		900	72	09-Jun-2011
Northrop Grumman	Northrop Grumman Corp	850	57	28-May-2013
		950	63	28-May-2013
		1,050	70	28-May-2013
Raytheon	Raytheon Co	425	43	29-Nov-2011
		575	58	29-Nov-2011
		1,100	88	27-Nov-2012
Safran	Safran SA	155	78	02-Sep-2012
		505	253	02-Sep-2012
		540	270	02-Sep-2012
Textron	Textron Inc	250	30	14-Sep-2011
		250	30	14-Sep-2011
		250	25	23-Jan-2014
		350	35	23-Jan-2014
Thales	Thales SA	389	56	13-Mar-2013
		648	93	13-Mar-2013
ThyssenKrupp	ThyssenKrupp AG	132	132	21-Mar-2012
		457	228	03-May-2013
		1,670	417	18-Feb-2013
URS	URS Corp	400	100	03-Aug-2012
		600	150	03-Aug-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

95. City National Corporation (United States)

City National Corporation has made an estimated 161 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by City National Corporation (United States) to the nuclear weapon companies since January 2011.

Loans provided by City National Corporation

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Gencorp	GenCorp Inc	100	8	30-May-2014
		200	15	30-May-2014
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which City National Corporation (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by City National Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	53	0.50	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

96. CNO Financial (United States)

CNO Financial has made an estimated 67 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which CNO Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by CNO Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	22	0.66	31-Mar-2014
Northrop Grumman	United States	24	0.55	31-Mar-2014
Textron	United States	21	0.95	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

97. Comerica (United States)

Comerica has made an estimated 366 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Comerica (United States) to the nuclear weapon companies since January 2011.

Loans provided by Comerica

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	600	40	23-Sep-2011
		1,050	39	29-Jan-2014
Alliant Techsystems	Alliant Techsystems Inc	1,050	70	13-Jul-2011
		700	12	08-Oct-2013
		1,010	17	08-Oct-2013
Babcock & Wilcox	The Babcock & Wilcox Co	150	15	24-Jun-2014
		700	32	22-May-2012
Lockheed Martin	Lockheed Martin Corp	16	10	30-Apr-2014
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

98. Commerzbank (Germany)

Commerzbank has made an estimated 2,847 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Commerzbank (Germany) to the nuclear weapon companies since January 2011.

Loans provided by Commerzbank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Serco	Serco Group PLC	1,159	72	21-Feb-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Commerzbank (Germany) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Commerzbank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	1,200	600	12-Mar-2013
		2,342	781	07-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Commerzbank (Germany) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Commerzbank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
ThyssenKrupp	ThyssenKrupp AG	1,654	414	21-Feb-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Commerzbank (Germany) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Commerzbank

Company	Country	Total value (USD mln)	% Outstanding	Filing date
ThyssenKrupp	Germany	303	1.84	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

99. Commonwealth Bank of Australia (Australia)

Commonwealth Bank of Australia has made an estimated 344 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Commonwealth Bank of Australia (Australia) to the nuclear weapon companies since January 2011.

Loans provided by Commonwealth Bank of Australia

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Honeywell International	Honeywell International Inc	4,000	73	18-Nov-2013
Larsen & Toubro	Larsen & Toubro Ltd	47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013
Serco	Serco Group PLC	1,159	72	21-Feb-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

100. Corpbay Financial Services (India)

Corpbay Financial Services has made an estimated 11 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Corpbay Financial Services (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Corpbay Financial Services

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	36	5	13-Jun-2014
		45	6	13-Jun-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

101. Country Trust Bank (United States)

Country Trust Bank has made an estimated 19 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Country Trust Bank (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Country Trust Bank

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	19	0.59	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

102. Cowen (United States)

Cowen has made an estimated 57 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Cowen (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Cowen

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

103. CPP Investment Board (Canada)

CPP Investment Board has made an estimated 20 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which CPP Investment Board (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by CPP Investment Board

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	20	0.71	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

104. Creative Solution Services (United States)

Creative Solution Services has made an estimated 13 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Creative Solution Services (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Creative Solution Services

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	13	1.56	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

105. Crédit Agricole (France)

Crédit Agricole has made an estimated 4,710 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Crédit Agricole (France) to the nuclear weapon companies since January 2011.

Loans provided by Crédit Agricole

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	95	11-Aug-2014
		1,050	84	11-Aug-2014
		1,050	39	29-Jan-2014
Airbus Group	EADS	4,345	163	14-Mar-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	950	158	06-Feb-2011
		975	146	27-Jul-2012
		1,550	258	06-Feb-2011
		1,000	100	14-Jun-2013
Boeing	Boeing Co	2,000	200	14-Jun-2013
		2,300	42	11-May-2011
		2,300	42	11-May-2011
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Fluor	Fluor Corp	1,800	180	07-Nov-2012
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Safran	Safran SA	1,320	176	21-Oct-2011
Serco	Serco Group PLC	1,159	72	21-Feb-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Crédit Agricole (France) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Crédit Agricole

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	2,987	597	04-Sep-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Crédit Agricole (France) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Crédit Agricole

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011
		900	54	09-Jun-2011
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	60	27-Nov-2012
Thales	Thales SA	389	56	13-Mar-2013
		648	93	13-Mar-2013
ThyssenKrupp	ThyssenKrupp AG	1,717	429	19-Feb-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Crédit Agricole (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Crédit Agricole

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	412	0.91	31-Jul-2014
Finmeccanica	Italy	31	0.58	31-Jul-2014
Safran	France	263	1.07	31-Jul-2014
Thales	France	98	0.83	31-Jul-2014
URS	United States	23	0.72	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Crédit Agricole (France) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Crédit Agricole

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Safran	France	5	0.82	30-Apr-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

106. Crédit Mutuel (France)

Crédit Mutuel has made an estimated 853 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Crédit Mutuel (France) to the nuclear weapon companies since January 2011.

Loans provided by Crédit Mutuel

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Safran	Safran SA	1,320	198	21-Oct-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Crédit Mutuel (France) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Crédit Mutuel

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Safran	Safran SA	275	137	04-Jul-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

107. Credit Suisse (Switzerland)

Credit Suisse has made an estimated 1,422 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Credit Suisse (Switzerland) to the nuclear weapon companies since January 2011.

Loans provided by Credit Suisse

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Huntington Ingalls	Huntington Ingalls Ind Inc	489	49	23-Sep-2013
		650	65	23-Sep-2013
Northrop Grumman	Huntington Ingalls Ind Inc	575	58	31-Mar-2011
		650	65	31-Mar-2011
	Northrop Grumman Corp	500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	76	13-Dec-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Credit Suisse (Switzerland) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Credit Suisse

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	95	95	14-Mar-2014
		280	34	14-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Credit Suisse (Switzerland) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Credit Suisse

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
BAE Systems	BAE Systems PLC	350	70	10-May-2011
		400	80	10-May-2011
		500	100	10-May-2011
Boeing	Boeing Capital Corp	250	33	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
General Dynamics	General Dynamics Corp	500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Northrop Grumman	Huntington Ingalls Ind Inc	600	60	03-Apr-2011
		600	60	03-Apr-2011
	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Raytheon	Raytheon Co	425	43	29-Nov-2011
		575	58	29-Nov-2011
		1,100	88	27-Nov-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

108. Crestview Partners (United States)

Crestview Partners has made an estimated 6 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Crestview Partners (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Crestview Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	6	0.78	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

109. D.E. Shaw & Co. (United States)

D.E. Shaw & Co. has made an estimated 280 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which D.E. Shaw & Co. (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by D.E. Shaw & Co.

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	24	0.57	30-Jun-2014
Babcock & Wilcox	United States	30	0.86	30-Jun-2014
Gencorp	United States	6	0.51	30-Jun-2014
Huntington Ingalls	United States	108	2.34	30-Jun-2014
Leidos	United States	15	0.51	30-Jun-2014
Rockwell Collins	United States	97	0.91	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

110. D.F. Dent & Company (United States)

D.F. Dent & Company has made an estimated 79 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which D.F. Dent & Company (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by D.F. Dent & Company

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	79	1.11	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

111. Danske Bank (Denmark)

Danske Bank has made an estimated 310 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Danske Bank (Denmark) to the nuclear weapon companies since January 2011.

Loans provided by Danske Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Danske Bank (Denmark) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Danske Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

112. Darashaw (India)

Darashaw has made an estimated 15 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Darashaw (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Darashaw

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	5	5	12-Dec-2012
		51	10	14-Dec-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

113. Davis Advisors (United States)

Davis Advisors has made an estimated 197 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Davis Advisors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Davis Advisors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	197	1.84	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

114. DBS (Singapore)

DBS has made an estimated 392 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by DBS (Singapore) to the nuclear weapon companies since January 2011.

Loans provided by DBS

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Serco	Serco Group PLC	1,159	72	21-Feb-2012
Textron	Textron Inc	500	25	23-Jan-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

115. DePrince Race & Zollo (United States)

DePrince Race & Zollo has made an estimated 86 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which DePrince Race & Zollo (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by DePrince Race & Zollo

Company	Country	Total value (USD mln)	% Outstanding	Filing date
URS	United States	86	2.73	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

116. Deutsche Bank (Germany)

Deutsche Bank has made an estimated 4,131 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Deutsche Bank (Germany) to the nuclear weapon companies since January 2011.

Loans provided by Deutsche Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012

TASC	TASC Inc	100	13	19-Apr-2011
		575	72	19-Apr-2011
		50	5	23-Apr-2014
		250	25	23-Apr-2014
		393	39	23-Apr-2014
Textron	Textron Inc	1,000	143	02-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Deutsche Bank (Germany) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Deutsche Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	2,342	781	07-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Deutsche Bank (Germany) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Deutsche Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
BAE Systems	BAE Systems PLC	350	70	10-May-2011
		400	80	10-May-2011
		500	100	10-May-2011
Boeing	Boeing Capital Corp	500	67	28-Jul-2011
	Boeing Co	150	50	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		950	59	26-Nov-2013
Honeywell International	Honeywell International Inc	300	30	18-Nov-2013
		700	70	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011
Larsen & Toubro	L&T Finance Ltd	13	13	25-Oct-2012
		36	5	13-Jun-2014
Northrop Grumman	Northrop Grumman Corp	850	57	28-May-2013
		950	63	28-May-2013
		1,050	70	28-May-2013
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	60	27-Nov-2012
Thales	Thales SA	389	56	13-Mar-2013
		648	93	13-Mar-2013
ThyssenKrupp	ThyssenKrupp AG	1,717	429	19-Feb-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Deutsche Bank (Germany) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Deutsche Bank

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	360	0.68	30-Jun-2014
BAE Systems	United Kingdom	218	0.96	07-Aug-2014
Raytheon	United States	179	0.63	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Deutsche Bank (Germany) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Deutsche Bank

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	10	1.22	31-Jul-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

117. Dimensional Fund Advisors (United States)

Dimensional Fund Advisors has made an estimated 666 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Dimensional Fund Advisors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Dimensional Fund Advisors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	46	1.43	30-Jun-2014
Alliant Techsystems	United States	66	1.53	30-Jun-2014
Finmeccanica	Italy	46	0.84	30-Jun-2014
Gencorp	United States	17	1.51	30-Jun-2014
Huntington Ingalls	United States	57	1.24	30-Jun-2014
Jacobs Engineering	United States	40	0.56	30-Jun-2014
Leidos	United States	24	0.85	30-Jun-2014
Northrop Grumman	United States	267	1.07	30-Jun-2014
Serco	United Kingdom	26	0.78	07-Feb-2014
URS	United States	77	2.43	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

118. Discovery Capital Management (United States).

Discovery Capital Management has made an estimated 263 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Discovery Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Discovery Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	263	6.16	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

119. DNB (Norway)

DNB has made an estimated 62 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by DNB (Norway) to the nuclear weapon companies since January 2011.

Loans provided by DNB

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

120. DNCA Finance (France)

DNCA Finance has made an estimated 331 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which DNCA Finance (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by DNCA Finance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Finmeccanica	Italy	43	0.91	31-May-2014
Thales	France	284	2.30	31-May-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which DNCA Finance (France) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by DNCA Finance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Safran	France	4	0.68	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

121. Drexel Hamilton (United States)

Drexel Hamilton has made an estimated 87 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Drexel Hamilton (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Drexel Hamilton

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

122. DZ Bank (Germany)

DZ Bank has made an estimated 285 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by DZ Bank (Germany) to the nuclear weapon companies since January 2011.

Loans provided by DZ Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which DZ Bank (Germany) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by DZ Bank

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Northrop Grumman	United States	134	0.52	31-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

123. E.SUN Financial (Taiwan)

E.SUN Financial has made an estimated 134 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by E.SUN Financial (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by E.SUN Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

124. Earnest Partners (United States)

Earnest Partners has made an estimated 101 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Earnest Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Earnest Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	31	0.68	30-Jun-2014
URS	United States	70	2.22	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

125. Eastern Bank (United States)

Eastern Bank has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Eastern Bank (United States) to the nuclear weapon companies since January 2011.

Loans provided by Eastern Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

126. Eaton Vance (United States)

Eaton Vance has made an estimated 563 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Eaton Vance (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Eaton Vance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	472	0.52	30-Jun-2014
Jacobs Engineering	United States	65	0.91	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Eaton Vance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Eaton Vance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	12	1.52	30-Jun-2014
Huntington Ingalls	United States	14	1.20	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

127. Edelweiss Financial Services (India)

Edelweiss Financial Services has made an estimated 22 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Edelweiss Financial Services (India) to the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Edelweiss Financial Services

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	22	22	30-May-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

128. EdgePoint Investment Group (Canada)

EdgePoint Investment Group has made an estimated 97 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which EdgePoint Investment Group (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by EdgePoint Investment Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	97	1.36	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

129. Edmond de Rothschild (France)

Edmond de Rothschild has made an estimated 142 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Edmond de Rothschild (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Edmond de Rothschild

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Thales	France	142	1.25	30-Sep-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

130. Epoch Investment Partners (United States)

Epoch Investment Partners has made an estimated 826 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Epoch Investment Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Epoch Investment Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	141	0.66	18-Apr-2014
Boeing	United States	569	0.62	30-Jun-2014
Rockwell Collins	United States	116	1.10	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

131. Equator Securities (Indonesia)

Equator Securities has made an estimated 6 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Equator Securities (Indonesia) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Equator Securities

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	9	3	19-Oct-2012
		9	3	19-Oct-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

132. Equirus Capital (India)

Equirus Capital has made an estimated 28 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of share issuances by Equirus Capital (India) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Equirus Capital

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	280	28	30-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

133. Erste Bank (Austria)

Erste Bank has made an estimated 76 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Erste Bank (Austria) to the nuclear weapon companies since January 2011.

Loans provided by Erste Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

134. Evercore (United States)

Evercore has made an estimated 11,177 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Evercore (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Evercore

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	6,317	6.89	30-Jun-2014
General Dynamics	United States	3,028	7.77	30-Jun-2014
Honeywell International	United States	1,832	2.52	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

135. Export Development Canada (Canada)

Export Development Canada has made an estimated 41 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Export Development Canada (Canada) to the nuclear weapon companies since January 2011.

Loans provided by Export Development Canada

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	Larsen & Toubro Ltd	47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

136. Farallon Capital Management (United States)

Farallon Capital Management has made an estimated 102 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Farallon Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Farallon Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	102	0.97	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

137. Ferguson Wellman Capital Management (United States)

Ferguson Wellman Capital Management has made an estimated 40 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Ferguson Wellman Capital Management (United States) to the nuclear weapon companies since January 2011.

Loans provided by Ferguson Wellman Capital Management

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Gencorp	GenCorp Inc	50	10	18-Nov-2011
		150	30	18-Nov-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

138. Fidelity Investments (United States)

Fidelity Investments has made an estimated 6,973 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Fidelity Investments (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Fidelity Investments

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	487	15.19	30-Jun-2014
Alliant Techsystems	United States	261	6.11	30-Jun-2014
Babcock & Wilcox	United States	121	3.47	30-Jun-2014
Boeing	United States	2,165	2.36	30-Jun-2014
Finmeccanica	Italy	117	2.13	20-Jun-2014
Fluor	United States	103	0.85	30-Jun-2014
Gencorp	United States	12	1.04	30-Jun-2014
General Dynamics	United States	231	0.59	30-Jun-2014
Honeywell International	United States	1,806	2.48	30-Jun-2014
Huntington Ingalls	United States	185	4.02	30-Jun-2014
Jacobs Engineering	United States	229	3.22	30-Jun-2014
Leidos	United States	51	1.76	30-Jun-2014
Safran	France	209	0.77	30-Jun-2014
Serco	United Kingdom	102	2.88	07-Feb-2014

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	507	4.74	30-Jun-2014
URS	United States	208	6.56	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Fidelity Investments (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Fidelity Investments

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	27	0.80	31-Jul-2014
Gencorp	United States	8	1.01	30-Jun-2014
Huntington Ingalls	United States	45	3.76	30-Apr-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

139. Fidelity Worldwide Investment (Bermuda)

Fidelity Worldwide Investment has made an estimated 371 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Fidelity Worldwide Investment (Bermuda) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Fidelity Worldwide Investment

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	172	4.46	03-Mar-2014
Textron	United States	157	1.47	30-Jun-2014
URS	United States	42	1.31	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

140. Fifth Third Bancorp (United States)

Fifth Third Bancorp has made an estimated 177 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Fifth Third Bancorp (United States) to the nuclear weapon companies since January 2011.

Loans provided by Fifth Third Bancorp

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	250	14	08-Oct-2013
		700	12	08-Oct-2013
		1,010	17	08-Oct-2013
Babcock & Wilcox	The Babcock & Wilcox Co	150	15	24-Jun-2014
		700	32	22-May-2012
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Textron	Textron Inc	500	25	23-Jan-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

141. Financière de l'Echiquier (France)

Financière de l'Echiquier has made an estimated 44 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Financière de l'Echiquier (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Financière de l'Echiquier

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	44	0.86	31-May-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

142. Findlay Park Partners (United Kingdom)

Findlay Park Partners has made an estimated 53 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Findlay Park Partners (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Findlay Park Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	53	0.75	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

143. First Eagle Investment Management (United States)

First Eagle Investment Management has made an estimated 1,408 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which First Eagle Investment Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by First Eagle Investment Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	371	8.68	30-Jun-2014
Lockheed Martin	United States	441	0.86	30-Jun-2014
Northrop Grumman	United States	576	2.32	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which First Eagle Investment Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by First Eagle Investment Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	10	1.23	30-Jun-2014
Huntington Ingalls	United States	10	0.86	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

144. First Manhattan (United States)

First Manhattan has made an estimated 104 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which First Manhattan (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by First Manhattan

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	47	1.63	30-Jun-2014
Rockwell Collins	United States	57	0.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

145. First Niagara Financial (United States)

First Niagara Financial has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by First Niagara Financial (United States) to the nuclear weapon companies since January 2011.

Loans provided by First Niagara Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

146. First Pacific Advisors (United States)

First Pacific Advisors has made an estimated 26 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which First Pacific Advisors (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by First Pacific Advisors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	26	0.68	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

147. First Trust Advisors (United States)

First Trust Advisors has made an estimated 102 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which First Trust Advisors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by First Trust Advisors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	29	0.90	30-Jun-2014
Babcock & Wilcox	United States	22	0.62	30-Jun-2014
Huntington Ingalls	United States	26	0.56	30-Jun-2014
URS	United States	25	0.78	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

148. FirstRand (South Africa)

FirstRand has made an estimated 6 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by FirstRand (South Africa) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by FirstRand

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	9	3	19-Oct-2012
		9	3	19-Oct-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

149. Franklin Resources (United States)

Franklin Resources has made an estimated 4,497 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Franklin Resources (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Franklin Resources

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	1,084	4.99	19-Feb-2014
General Dynamics	United States	216	0.55	30-Jun-2014
Honeywell International	United States	412	0.57	30-Jun-2014
Huntington Ingalls	United States	250	5.44	30-Jun-2014
Lockheed Martin	United States	806	1.58	30-Jun-2014
Northrop Grumman	United States	147	0.59	30-Jun-2014
Safran	France	442	1.62	30-Jun-2014
Serco	United Kingdom	235	6.88	30-Jun-2014
Textron	United States	61	0.57	30-Jun-2014
ThyssenKrupp	Germany	844	4.97	07-May-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

150. Fubon Group (Taiwan)

Fubon Group has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Fubon Group (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by Fubon Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

151. GAM Holding (Switzerland)

GAM Holding has made an estimated 7 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which GAM Holding (Switzerland) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by GAM Holding

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Safran	France	7	1.04	30-Apr-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

152. Gamco Investors (United States)

Gamco Investors has made an estimated 674 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Gamco Investors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Gamco Investors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	178	15.92	30-Jun-2014
Honeywell International	United States	381	0.52	30-Jun-2014
Textron	United States	115	1.08	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

153. GenCorp, Inc. Retirement Savings Plan (United States)

GenCorp, Inc. Retirement Savings Plan has made an estimated 48 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which GenCorp, Inc. Retirement Savings Plan (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by GenCorp, Inc. Retirement Savings Plan

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	48	4.53	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

154. General Electric (United States)

General Electric has made an estimated 331 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by General Electric (United States) to the nuclear weapon companies since January 2011.

Loans provided by General Electric

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which General Electric (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by General Electric (United States)

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	20	0.51	31-Mar-2014
Honeywell International	United States	115	1.83	31-Mar-2014
Raytheon	United States	45	0.86	31-Mar-2014
Rockwell Collins	United States	45	2.73	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

155. General Insurance Corporation of India (India)

General Insurance Corporation of India has made an estimated 327 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which General Insurance Corporation of India (India) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by General Insurance Corporation of India

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	327	2.04	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

156. Genworth Financial (United States)

Genworth Financial has made an estimated 88 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Genworth Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Genworth Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014
Leidos	United States	7	0.54	31-Mar-2014
Lockheed Martin	United States	61	0.63	31-Mar-2014
Textron	United States	15	0.70	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

157. Geode Capital Management (United States)

Geode Capital Management has made an estimated 2,615 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Geode Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Geode Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	17	0.53	30-Jun-2014
Alliant Techsystems	United States	22	0.51	30-Jun-2014
Babcock & Wilcox	United States	18	0.53	30-Jun-2014
Boeing	United States	633	0.69	30-Jun-2014
Fluor	United States	88	0.73	30-Jun-2014
Gencorp	United States	7	0.59	30-Jun-2014
General Dynamics	United States	287	0.74	30-Jun-2014
Honeywell International	United States	532	0.73	30-Jun-2014
Huntington Ingalls	United States	27	0.58	30-Jun-2014
Jacobs Engineering	United States	52	0.74	30-Jun-2014
Lockheed Martin	United States	318	0.62	30-Jun-2014
Northrop Grumman	United States	196	0.79	30-Jun-2014
Raytheon	United States	226	0.79	30-Jun-2014
Rockwell Collins	United States	76	0.72	30-Jun-2014
Textron	United States	79	0.74	30-Jun-2014
URS	United States	16	0.52	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Geode Capital Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Geode Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	20	2.44	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

158. GIC (Singapore)

GIC has made an estimated 382 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which GIC (Singapore) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by GIC

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	165	1.03	31-Dec-2013
Serco	United Kingdom	217	6.40	23-Jul-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

159. Glenhill Capital Management (United States)

Glenhill Capital Management has made an estimated 31 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Glenhill Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Glenhill Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	31	2.72	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

160. Glenview Capital Management (United States)

Glenview Capital Management has made an estimated 115 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Glenview Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Glenview Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	115	3.29	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

161. Global Atlantic Financial (Bermuda)

Global Atlantic Financial has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Global Atlantic Financial (Bermuda) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Global Atlantic Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	21	0.63	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

162. Goldman Sachs (United States)

Goldman Sachs has made an estimated 5,060 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Goldman Sachs (United States) to the nuclear weapon companies since January 2011.

Loans provided by Goldman Sachs

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		2,300	42	05-Nov-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Northrop Grumman	Northrop Grumman Corp	500	43	09-Aug-2011
		1,500	129	09-Aug-2011
		500	13	18-Aug-2012
Textron	Textron Inc	1,000	75	30-Sep-2013
		1,000	143	02-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Goldman Sachs (United States) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Goldman Sachs

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	2,158	1,079	12-Jun-2012
		2,947	1,473	17-Apr-2013
Larsen & Toubro	L&T Finance Holdings Ltd	34	17	06-Dec-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Goldman Sachs (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Goldman Sachs

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
BAE Systems	BAE Systems PLC	350	70	10-May-2011
		400	80	10-May-2011
		500	100	10-May-2011
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
	Boeing Co	350	35	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		950	59	26-Nov-2013
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011
		900	54	09-Jun-2011
Northrop Grumman	Northrop Grumman Corp	850	57	28-May-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		950	63	28-May-2013
		1,050	70	28-May-2013
Textron	Textron Inc	250	30	14-Sep-2011
		250	30	14-Sep-2011
		250	19	23-Jan-2014
		350	26	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Goldman Sachs (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Goldman Sachs

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	49	1.14	30-Jun-2014
Fluor	United States	66	0.54	30-Jun-2014
Textron	United States	333	3.12	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

163. Gosha Trading (United States)

Gosha Trading has made an estimated 20 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Gosha Trading (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Gosha Trading

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	20	0.58	31-Dec-2012

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

164. Gotham Asset Management (United States)

Gotham Asset Management has made an estimated 67 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Gotham Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Gotham Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	21	0.64	30-Jun-2014
Huntington Ingalls	United States	46	1.00	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

165. Grantham, Mayo, Van Otterloo (United States)

Grantham, Mayo, Van Otterloo has made an estimated 221 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Grantham, Mayo, Van Otterloo (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Grantham, Mayo, Van Otterloo

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	115	0.50	07-Aug-2014
Finmeccanica	Italy	106	1.99	15-Apr-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

166. Greenlight Capital (United States)

Greenlight Capital has made an estimated 136 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Greenlight Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Greenlight Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	48	1.38	30-Jun-2014
URS	United States	88	2.77	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

167. Groupe BPCE (France)

Groupe BPCE has made an estimated 1,403 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Groupe BPCE (France) to the nuclear weapon companies since January 2011.

Loans provided by Groupe BPCE

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
Safran	Safran SA	1,320	198	21-Oct-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Groupe BPCE (France) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Groupe BPCE

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
Thales	Thales SA	389	56	13-Mar-2013
		648	93	13-Mar-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Groupe BPCE (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Groupe BPCE

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	42	1.20	30-Jun-2014
General Dynamics	United States	407	1.04	30-Jun-2014
Safran	France	329	1.20	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Groupe BPCE (France) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Groupe BPCE

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	107	4.98	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

168. Grupo BBVA (Spain)

Grupo BBVA has made an estimated 3,034 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Grupo BBVA (Spain) to the nuclear weapon companies since January 2011.

Loans provided by Grupo BBVA

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	142	11-Aug-2014
		1,050	126	11-Aug-2014
		750	20	07-Jun-2013
		600	40	23-Sep-2011
		1,050	105	29-Jan-2014
		1,050	70	13-Jul-2011
Airbus Group	EADS	4,345	163	14-Mar-2011
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
Boeing	Boeing Co	2,300	42	05-Nov-2011
			42	05-Nov-2011
			460	29-Sep-2012
			460	29-Sep-2012
Finmeccanica	Finmeccanica SpA	3,001	150	09-Jul-2014
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	80	14-Jul-2011
		1,000	80	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Grupo BBVA (Spain) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Grupo BBVA

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		950	59	26-Nov-2013
General Dynamics	General Dynamics Corp	500	40	07-May-2011
		500	40	07-May-2011
		500	40	07-May-2011
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

169. Grupo Santander (Spain)

Grupo Santander has made an estimated 830 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Grupo Santander (Spain) to the nuclear weapon companies since January 2011.

Loans provided by Grupo Santander

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Grupo Santander (Spain) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Grupo Santander

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	20	09-Aug-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

170. Gruppo BPM (Italy)

Gruppo BPM has made an estimated 150 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Gruppo BPM (Italy) to the nuclear weapon companies since January 2011.

Loans provided by Gruppo BPM

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	150	09-Jul-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

171. Guardian Life Insurance Company of America (United States)

Guardian Life Insurance Company of America has made an estimated 36 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Guardian Life Insurance Company of America (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Guardian Life Insurance Company of America

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	29	0.62	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Guardian Life Insurance Company of America (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Guardian Life Insurance Company of America

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	7	0.84	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

172. Guggenheim Capital (United States)

Guggenheim Capital has made an estimated 111 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Guggenheim Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Guggenheim Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	61	0.58	30-Jun-2014
URS	United States	43	1.34	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Guggenheim Capital (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Guggenheim Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	7	0.58	08-Sep-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

173. Gulf Bank (Kuwait)

Gulf Bank has made an estimated 13 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Gulf Bank (Kuwait) to the nuclear weapon companies since January 2011.

Loans provided by Gulf Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

174. Gulf International Bank (Bahrain)

Gulf International Bank has made an estimated 76 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Gulf International Bank (Bahrain) to the nuclear weapon companies since January 2011.

Loans provided by Gulf International Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Raytheon	Raytheon Co	1,400	76	13-Dec-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

175. Hancock Holding (United States)

Hancock Holding has made an estimated 32 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Hancock Holding (United States) to the nuclear weapon companies since January 2011.

Loans provided by Hancock Holding

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

176. Hartford Financial Services (United States)

Hartford Financial Services has made an estimated 104 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Hartford Financial Services (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Hartford Financial Services

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	42	0.64	31-Mar-2014
Gencorp	United States	7	0.90	31-Mar-2014
Rockwell Collins	United States	15	0.91	31-Mar-2014
Textron	United States	40	1.85	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

177. Helaba (Germany)

Helaba has made an estimated 223 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Helaba (Germany) to the nuclear weapon companies since January 2011.

Loans provided by Helaba

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Serco	Serco Group PLC	1,159	72	21-Feb-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

178. Henderson Group (United Kingdom)

Henderson Group has made an estimated 33 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Henderson Group (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Henderson Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	33	0.99	07-Feb-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

179. Hirzel Capital Management (United States)

Hirzel Capital Management has made an estimated 47 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Hirzel Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Hirzel Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	47	4.22	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

180. Hotchkis & Wiley (United States)

Hotchkis & Wiley has made an estimated 13 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Hotchkis & Wiley (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Hotchkis & Wiley

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	13	1.07	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

181. Housing Development Finance Corporation (India)

Housing Development Finance Corporation has made an estimated 300 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Housing Development Finance Corporation (India) to the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Housing Development Finance Corporation

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	51	10	14-Dec-2012
	L&T Finance Ltd	6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014
		10	5	10-Aug-2012
		10	5	10-Aug-2012
		24	24	17-Apr-2012
		30	8	06-Sep-2014
		37	7	29-Oct-2013
		26	13	27-Apr-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Housing Development Finance Corporation (India) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Housing Development Finance Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	220	1.37	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

182. HSBC (United Kingdom)

HSBC has made an estimated 3,394 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by HSBC (United Kingdom) to the nuclear weapon companies since January 2011.

Loans provided by HSBC

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	95	11-Aug-2014
		1,050	84	11-Aug-2014
		750	20	07-Jun-2013
		600	40	23-Sep-2011
		1,050	39	29-Jan-2014
		1,050	70	13-Jul-2011
Airbus Group	EADS	4,345	163	14-Mar-2011
CH2M	CH2M Hill Cos Ltd	900	72	19-Apr-2012
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Fluor	Fluor Corp	1,700	227	28-May-2014
		1,800	240	28-May-2014
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Jacobs Engineering	Jacobs Engineering Group Inc	460	39	07-Feb-2014
		1,140	152	07-Feb-2014
Larsen & Toubro	Larsen & Toubro Ltd	47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013
Safran	Safran SA	1,320	176	21-Oct-2011
Serco	Serco Group PLC	1,159	72	21-Feb-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014
URS	URS Corp	500	43	02-Mar-2012
		700	35	14-Oct-2011
		1,000	50	14-Oct-2011
		39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by HSBC (United Kingdom) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by HSBC

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	280	28	30-Jul-2011
			34	30-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by HSBC (United Kingdom) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by HSBC

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	33	14-Feb-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		800	44	14-Feb-2011
Larsen & Toubro	L&T Finance Ltd	5	2	15-Dec-2011
		6	2	15-Dec-2011
		23	23	23-Nov-2011
		30	10	15-Dec-2011
		31	31	21-Dec-2012
		33	33	23-Nov-2011
		36	5	13-Jun-2014
		45	15	15-Dec-2011
		45	6	13-Jun-2014
		36	9	14-Jun-2012
		36	9	14-Jun-2012
Thales	Thales SA	389	56	13-Mar-2013
		648	93	13-Mar-2013
ThyssenKrupp	ThyssenKrupp AG	1,670	417	18-Feb-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

183. HSH Nordbank (Germany)

HSH Nordbank has made an estimated 75 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by HSH Nordbank (Germany) to the nuclear weapon companies since January 2011.

Loans provided by HSH Nordbank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

184. Hua Nan Financial (Taiwan)

Hua Nan Financial has made an estimated 49 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Hua Nan Financial (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by Hua Nan Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

185. Huntington Bancshares (United States)

Huntington Bancshares has made an estimated 1,616 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Huntington Bancshares (United States) to the nuclear weapon companies since January 2011.

Loans provided by Huntington Bancshares

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Co	2,393	798	11-Jul-2013
		2,453	818	11-Jul-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

186. ICAP (India)

ICAP has made an estimated 8 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by ICAP (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by ICAP

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

187. ICICI Bank (India)

ICICI Bank has made an estimated 82 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by ICICI Bank (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by ICICI Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
Larsen & Toubro	L&T Finance Holdings Ltd	51	20	14-Dec-2012
	L&T Finance Ltd	8	2	20-Mar-2014
		30	8	06-Sep-2014
		36	5	13-Jun-2014
		37	14	29-Oct-2013
		45	6	13-Jun-2014
		36	9	14-Jun-2012
		36	9	14-Jun-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

188. IDFC (India)

IDFC has made an estimated 10 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by IDFC (India) for the

nuclear weapon companies since January 2011.

Underwriting of bond issuances by IDFC

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	18	5	17-May-2013
		18	5	17-May-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

189. Illinois Mutual Life Insurance (United States)

Illinois Mutual Life Insurance has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Illinois Mutual Life Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Illinois Mutual Life Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

190. Impala Asset Management (United States)

Impala Asset Management has made an estimated 123 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Impala Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Impala Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	123	1.02	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

191. Industrial and Commercial Bank of China (China)

Industrial and Commercial Bank of China has made an estimated 233 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Industrial and Commercial Bank of China (China) to the nuclear weapon companies since January 2011.

Loans provided by Industrial and Commercial Bank of China

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
Honeywell International	Honeywell International Inc	4,000	73	18-Nov-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

192. ING Group (Netherlands)

ING Group has made an estimated 344 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by ING Group (Netherlands) to the nuclear weapon companies since January 2011.

Loans provided by ING Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Fluor	Fluor Corp	1,800	180	07-Nov-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by ING Group (Netherlands) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by ING Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Fluor	Fluor Corp	500	20	09-Aug-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which ING Group (Netherlands) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by ING Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Honeywell International	United States	48	0.77	31-Mar-2014
Leidos	United States	10	0.77	31-Mar-2014
Rockwell Collins	United States	10	0.62	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

193. International Value Advisors (United States)

International Value Advisors has made an estimated 77 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which International Value Advisors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by International Value Advisors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Thales	France	77	0.56	31-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

194. Intesa Sanpaolo (Italy)

Intesa Sanpaolo has made an estimated 1,147 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Intesa Sanpaolo (Italy) to the nuclear weapon companies since January 2011.

Loans provided by Intesa Sanpaolo

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	76	13-Dec-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Intesa Sanpaolo (Italy) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Intesa Sanpaolo

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Intesa Sanpaolo (Italy) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Intesa Sanpaolo

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	71	0.67	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

195. Invesco (United States)

Invesco has made an estimated 4,928 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Invesco (United

States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Invesco

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	115	3.29	30-Jun-2014
BAE Systems	United Kingdom	2,335	9.99	17-Jun-2014
Fluor	United States	210	1.73	30-Jun-2014
Gencorp	United States	6	0.56	30-Jun-2014
General Dynamics	United States	540	1.39	30-Jun-2014
Honeywell International	United States	369	0.51	30-Jun-2014
Jacobs Engineering	United States	164	2.31	30-Jun-2014
Northrop Grumman	United States	125	0.50	30-Jun-2014
Raytheon	United States	336	1.17	30-Jun-2014
Serco	United Kingdom	341	9.98	21-May-2014
Textron	United States	373	3.49	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Invesco (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Invesco

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	13	1.64	08-Sep-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

196. Invest AD (United Arab Emirates)

Invest AD has made an estimated 76 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Invest AD (United Arab Emirates) to the nuclear weapon companies since January 2011.

Loans provided by Invest AD

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Raytheon	Raytheon Co	1,400	76	13-Dec-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

197. IONIC Capital Management (United States)

IONIC Capital Management has made an estimated 54 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which IONIC Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by IONIC Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	49	4.41	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which IONIC Capital Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by IONIC Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	5	0.57	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

198. Jacobs Levy Equity Management (United States)

Jacobs Levy Equity Management has made an estimated 37 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Jacobs Levy Equity Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Jacobs Levy Equity Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	37	0.80	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

199. Jana Partners (United States)

Jana Partners has made an estimated 386 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Jana Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Jana Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
URS	United States	386	9.76	14-Jul-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

200. Janus Capital Group (United States)

Janus Capital Group has made an estimated 1,858 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Janus Capital Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Janus Capital Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	163	4.68	30-Jun-2014
Boeing	United States	659	0.72	30-Jun-2014
Huntington Ingalls	United States	28	0.62	30-Jun-2014
Jacobs Engineering	United States	80	1.13	30-Jun-2014
Lockheed Martin	United States	345	0.68	30-Jun-2014
Northrop Grumman	United States	232	0.93	30-Jun-2014

Raytheon	United States	253	0.88	30-Jun-2014
Rockwell Collins	United States	98	0.92	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

201. JM Financial (India)

JM Financial has made an estimated 62 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of share issuances by JM Financial (India) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by JM Financial

Company	Subsidiary	Use of Proceeds	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	General	280	28	30-Jul-2011
				34	30-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

202. JPMorgan Chase (United States)

JPMorgan Chase has made an estimated 16,272 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by JPMorgan Chase (United States) to the nuclear weapon companies since January 2011.

Loans provided by JPMorgan Chase

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	95	11-Aug-2014
		1,050	84	11-Aug-2014
		750	20	07-Jun-2013
		600	40	23-Sep-2011
		1,050	39	29-Jan-2014
		1,050	70	13-Jul-2011
Airbus Group	EADS	4,345	76	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	250	14	08-Oct-2013
		700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		200	13	09-Mar-2012
		150	15	24-Jun-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	70	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	975	146	27-Jul-2012
		1,000	100	14-Jun-2013
		2,000	200	14-Jun-2013
Boeing	Boeing Co	2,393	798	11-Jul-2013
		2,453	818	11-Jul-2013
		2,300	460	11-May-2011
		2,300	460	11-May-2011
		2,300	690	29-Sep-2012

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		2,300	690	29-Sep-2012
CH2M	CH2M Hill Cos Ltd	900	135	19-Apr-2012
		1,100	220	22-Mar-2014
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Gencorp	GenCorp Inc	100	8	30-May-2014
		200	15	30-May-2014
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	80	14-Jul-2011
		1,000	80	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	560	17-Mar-2011
		3,000	600	30-Mar-2012
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	49	23-Sep-2013
		650	65	23-Sep-2013
Lockheed Martin	Lockheed Martin Corp	16	6	30-Apr-2014
		1,500	120	26-Aug-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	58	31-Mar-2011
		650	65	31-Mar-2011
	Northrop Grumman Corp	500	50	08-Sep-2011
		1,500	150	08-Sep-2011
		500	50	18-Aug-2012
		1,775	355	29-Aug-2013
Raytheon	Raytheon Co	1,400	280	13-Dec-2011
Serco	Serco Group PLC	1,159	72	21-Feb-2012
Textron	Textron Inc	500	25	23-Jan-2014
		700	420	24-Jan-2014
		1,000	75	30-Sep-2013
		1,000	143	02-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by JPMorgan Chase (United States) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by JPMorgan Chase

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Serco	Serco Group PLC	270	135	01-May-2014
ThyssenKrupp	ThyssenKrupp AG	1,200	600	03-Dec-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by JPMorgan Chase (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by JPMorgan Chase

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
BAE Systems	BAE Systems PLC	350	70	10-May-2011
		400	80	10-May-2011
		500	100	10-May-2011
Boeing	Boeing Capital Corp	500	67	28-Jul-2011
	Boeing Co	350	35	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
General Dynamics	General Dynamics Corp	500	40	07-May-2011
		500	40	07-May-2011
		500	40	07-May-2011
		500	50	11-Jan-2012
		900	90	11-Jan-2012
		1,000	100	11-Jan-2012
Honeywell International	Honeywell International Inc	300	30	18-Nov-2013
		700	70	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011
Lockheed Martin	Lockheed Martin Corp	500	40	09-Jun-2011
		600	48	09-Jun-2011
		900	72	09-Jun-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	60	03-Apr-2011
		600	60	03-Apr-2011
	Northrop Grumman Corp	850	57	28-May-2013
		950	63	28-May-2013
		1,050	70	28-May-2013
Raytheon	Raytheon Co	425	43	29-Nov-2011
		575	58	29-Nov-2011
		1,100	88	27-Nov-2012
Textron	Textron Inc	250	30	14-Sep-2011
		250	30	14-Sep-2011
		250	25	23-Jan-2014
		350	35	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which JPMorgan Chase (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by JPMorgan Chase

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	65	2.03	30-Jun-2014
Fluor	United States	1,379	11.38	30-Jun-2014
Honeywell International	United States	2,470	3.39	30-Jun-2014
Huntington Ingalls	United States	35	0.77	30-Jun-2014
Larsen & Toubro	India	137	0.52	30-Jun-2014

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Northrop Grumman	United States	197	0.79	30-Jun-2014
Thales	France	115	0.92	30-Jun-2014
URS	United States	17	0.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which JPMorgan Chase (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by JPMorgan Chase

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	6	0.75	30-Jun-2014
Gencorp	United States	42	5.16	30-Jun-2014
Rockwell Collins	United States	9	0.55	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

203. Jupiter Fund Management (United Kingdom)

Jupiter Fund Management has made an estimated 261 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Jupiter Fund Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Jupiter Fund Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	261	1.23	18-Apr-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

204. Kansas City Life Insurance Group (United States)

Kansas City Life Insurance Group has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Kansas City Life Insurance Group (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Kansas City Life Insurance Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

205. KBC Group (Belgium)

KBC Group has made an estimated 72 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by KBC Group (Belgium) to the nuclear weapon companies since January 2011.

Loans provided by KBC Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Serco	Serco Group PLC	1,159	72	21-Feb-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

206. Keeley Asset Management (United States)

Keeley Asset Management has made an estimated 41 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Keeley Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Keeley Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	41	3.70	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

207. Kennedy Capital Management (United States)

Kennedy Capital Management has made an estimated 13 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Kennedy Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Kennedy Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	13	1.17	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

208. Keycorp (United States)

Keycorp has made an estimated 96 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Keycorp (United States) to the nuclear weapon companies since January 2011.

Loans provided by Keycorp

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
		600	40	23-Sep-2011
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		150	7	24-Jun-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

209. KfW (Germany)

KfW has made an estimated 151 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by KfW (Germany) to the nuclear weapon companies since January 2011.

Loans provided by KfW

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

210. Kingstown Capital Management (United States)

Kingstown Capital Management has made an estimated 106 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Kingstown Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Kingstown Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	49	1.40	30-Jun-2014
Gencorp	United States	57	5.11	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

211. Knights of Columbus (United States)

Knights of Columbus has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Knights of Columbus (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Knights of Columbus

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	8	0.96	31-Mar-2014
Textron	United States	13	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

212. Kohlberg Kravis Roberts & Co (United States)

Kohlberg Kravis Roberts & Co has made an estimated 154 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Kohlberg Kravis Roberts & Co (United States) to the nuclear weapon companies since January 2011.

Loans provided by Kohlberg Kravis Roberts & Co

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
TASC	TASC Inc	100	13	19-Apr-2011
		575	72	19-Apr-2011
		50	5	23-Apr-2014
		250	25	23-Apr-2014
		393	39	23-Apr-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

213. Kotak Mahindra Bank (India)

Kotak Mahindra Bank has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Kotak Mahindra Bank (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Kotak Mahindra Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	11	6	15-Nov-2012
		11	6	15-Nov-2012
	L&T Finance Ltd	9	9	16-May-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

214. Kuwait Investment Authority (Kuwait)

Kuwait Investment Authority has made an estimated 127 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Kuwait Investment Authority (Kuwait) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Kuwait Investment Authority

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	127	0.56	07-Aug-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

215. L&T Employees Welfare Foundation (India)

L&T Employees Welfare Foundation has made an estimated 1,933 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which L&T Employees Welfare Foundation (India) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by L&T Employees Welfare Foundation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	1,933	12.02	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

216. Land Bank of Taiwan (Taiwan)

Land Bank of Taiwan has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Land Bank of Taiwan (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by Land Bank of Taiwan

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

217. Lawson Kroeker Investment Management (United States)

Lawson Kroeker Investment Management has made an estimated 6 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Lawson Kroeker Investment Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Lawson Kroeker Investment Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	6	0.58	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

218. Lazard (United States)

Lazard has made an estimated 471 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Lazard (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Lazard

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Lazard (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Lazard

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Honeywell International	United States	394	0.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Lazard (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Lazard

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	21	2.58	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

219. LBBW (Germany)

LBBW has made an estimated 75 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by LBBW (Germany) to the nuclear weapon companies since January 2011.

Loans provided by LBBW

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

220. Legal & General (United Kingdom)

Legal & General has made an estimated 750 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Legal & General (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Legal & General

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	643	2.79	07-Aug-2014
Serco	United Kingdom	85	2.54	07-Feb-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Legal & General (United Kingdom) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Legal & General

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	22	2.70	30-Apr-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

221. Legg Mason (United States)

Legg Mason has made an estimated 1,390 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Legg Mason (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Legg Mason

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	507	4.18	30-Jun-2014
Honeywell International	United States	382	0.52	30-Jun-2014
Raytheon	United States	452	1.58	30-Jun-2014
URS	United States	35	1.10	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Legg Mason (United

States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Legg Mason

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	9	0.87	30-Jun-2014
Gencorp	United States	5	0.57	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

222. Liberty Mutual Insurance (United States)

Liberty Mutual Insurance has made an estimated 54 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of share issuances by Liberty Mutual Insurance (United States) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Liberty Mutual Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	40	1.22	31-Mar-2014
Rockwell Collins	United States	14	0.85	31-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

223. Libyan Investment Authority (Libya)

Libyan Investment Authority has made an estimated 108 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Libyan Investment Authority (Libya) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Libyan Investment Authority

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Finmeccanica	Italy	108	2.01	20-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

224. Life Insurance Corporation of India (India)

Life Insurance Corporation has made an estimated 2,737 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Life Insurance Corporation of India (India) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Life Insurance Corporation of India

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	2,737	17.02	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

225. Lincoln National Corporation (United States)

Lincoln National Corporation has made an estimated 475 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Lincoln National Corporation (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Lincoln National Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	72	2.16	31-Mar-2014
General Dynamics	United States	30	0.77	31-Mar-2014
Honeywell International	United States	36	0.57	31-Mar-2014
Leidos	United States	96	7.43	31-Mar-2014
Northrop Grumman	United States	80	1.84	31-Mar-2014
Raytheon	United States	131	2.49	31-Mar-2014
Rockwell Collins	United States	30	1.83	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

226. LionEye Capital Management (United States)

LionEye Capital Management has made an estimated 25 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which LionEye Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by LionEye Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	25	0.71	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

227. LKP Group (India)

LKP Group has made an estimated 71 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by LKP Group (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by LKP Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	11	6	15-Nov-2012
		11	6	15-Nov-2012
	L&T Finance Ltd	9	3	19-Oct-2012
		9	3	19-Oct-2012
		18	5	17-May-2013
		18	5	17-May-2013
		30	8	06-Sep-2014
		36	5	13-Jun-2014
		45	6	13-Jun-2014
		13	4	27-Jul-2012
		36	9	14-Jun-2012
		36	9	14-Jun-2012
	L&T Fincorp Ltd	2	1	06-Mar-2014
		3	1	06-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

228. Lloyds Banking Group (United Kingdom)

Lloyds Banking Group has made an estimated 1,664 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Lloyds Banking Group (United Kingdom) to the nuclear weapon companies since January 2011.

Loans provided by Lloyds Banking Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	950	158	06-Feb-2011
		1,550	258	06-Feb-2011
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	4,000	73	18-Nov-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,140	62	07-Feb-2014
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
Serco	Serco Group PLC	1,159	72	21-Feb-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Lloyds Banking Group (United Kingdom) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Lloyds Banking Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
BAE Systems	BAE Systems PLC	619	155	30-May-2012
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011
		900	54	09-Jun-2011
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	1,100	60	27-Nov-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

229. Lodge Hill Capital (United States)

Lodge Hill Capital has made an estimated 22 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Lodge Hill Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Lodge Hill Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	22	1.96	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

230. Loews Corporation (United States)

Loews Corporation has made an estimated 55 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Loews Corporation (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Loews Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	25	0.75	31-Mar-2014
Leidos	United States	11	0.85	31-Mar-2014
Textron	United States	19	0.88	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

231. Lombard Odier Darier Hentsch (Switzerland)

Lombard Odier Darier Hentsch has made an estimated 7 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Lombard Odier Darier Hentsch (Switzerland) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Lombard Odier Darier Hentsch

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	7	1.17	28-Feb-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

232. Longview Asset Management (United States)

Longview Asset Management has made an estimated 3,888 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Longview Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Longview Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	3,888	9.98	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

233. Longview Partners (United Kingdom)

Longview Partners has made an estimated 128 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Longview Partners (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Longview Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	128	3.12	29-Nov-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

234. Loop Capital (United States)

Loop Capital has made an estimated 19 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Loop Capital (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Loop Capital

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

235. Lord, Abnett & Co (United States)

Lord, Abnett & Co has made an estimated 368 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Lord, Abnett & Co (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Lord, Abnett & Co

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	30	0.85	30-Jun-2014
General Dynamics	United States	198	0.51	30-Jun-2014
Jacobs Engineering	United States	97	1.36	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Lord, Abnett & Co (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Lord, Abbett & Co

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	28	3.50	31-Jul-2014
Huntington Ingalls	United States	15	1.25	31-Jul-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

236. LSV Asset Management (United States)

LSV Asset Management has made an estimated 1,063 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which LSV Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by LSV Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	19	0.58	30-Jun-2014
Alliant Techsystems	United States	51	1.20	30-Jun-2014
BAE Systems	United Kingdom	118	0.55	18-Apr-2014
Leidos	United States	44	1.53	30-Jun-2014
Northrop Grumman	United States	458	1.84	30-Jun-2014
Raytheon	United States	330	1.15	30-Jun-2014
URS	United States	43	1.36	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

237. Luminus Management (United States)

Luminus Management has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Luminus Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Luminus Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	21	0.61	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

238. Lyrical Partners (United States)

Lyrical Partners has made an estimated 49 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Lyrical Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Lyrical Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	49	1.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

239. M&T Bank Corporation (United States)

M&T Bank Corporation has made an estimated 108 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by M&T Bank Corporation (United States) to the nuclear weapon companies since January 2011.

Loans provided by M&T Bank Corporation

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Gencorp	GenCorp Inc	100	8	30-May-2014
		200	15	30-May-2014
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

240. Macquarie Group (Australia)

Macquarie Group has made an estimated 837 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Macquarie Group (Australia) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Macquarie Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Northrop Grumman	United States	424	1.70	30-Jun-2014
Raytheon	United States	413	1.44	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

241. Madison Investment (United States)

Madison Investment has made an estimated 121 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Madison Investment (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Madison Investment

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	61	0.86	30-Jun-2014
Rockwell Collins	United States	60	0.57	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

242. MainFirst Holding (Switzerland)

MainFirst Holding has made an estimated 86 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which MainFirst Holding (Switzerland) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by MainFirst Holding

Company	Country	Total value (USD mln)	% Outstanding	Filing date
ThyssenKrupp	Germany	86	0.54	30-Apr-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

243. Majedie Asset Management (United Kingdom)

Majedie Asset Management has made an estimated 475 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Majedie Asset Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Majedie Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	434	2.04	18-Apr-2014
Finmeccanica	Italy	41	0.74	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

244. Man Group (United Kingdom)

Man Group has made an estimated 31 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Man Group (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Man Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	31	0.68	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

245. Manning & Napier (United States)

Manning & Napier has made an estimated 87 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Manning & Napier (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Manning & Napier

Company	Country	Total value (USD mln)	% Outstanding	Filing date
ThyssenKrupp	Germany	87	0.54	31-Jul-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

246. Manulife Financial (Canada)

Manulife Financial has made an estimated 138 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Manulife Financial (Canada) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

date.

Bondholdings managed by Manulife Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	33	3.07	31-Mar-2014
BAE Systems	United Kingdom	29	0.89	31-Mar-2014
Boeing	United States	43	0.65	31-Mar-2014
Northrop Grumman	United States	33	0.75	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

247. Marathon Asset Management (United Kingdom)

Marathon Asset Management has made an estimated 151 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Marathon Asset Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Marathon Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	151	0.66	07-Aug-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

248. Marsico Capital Management (United States)

Marsico Capital Management has made an estimated 396 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Marsico Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Marsico Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	396	1.02	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

249. MassMutual Financial (United States)

MassMutual Financial has made an estimated 580 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which MassMutual Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by MassMutual Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	535	1.02	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which MassMutual Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by MassMutual Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	41	1.25	30-Jun-2014
Leidos	United States	22	1.67	31-Mar-2014
Lockheed Martin	United States	59	0.61	31-Mar-2014
Raytheon	United States	44	0.83	31-Mar-2014
Textron	United States	79	3.68	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

250. Mata Securities India (India)

Mata Securities India has made an estimated 10 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Mata Securities India (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Mata Securities India

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

251. Matthews International Capital Management (United States)

Matthews International Capital Management has made an estimated 41 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Matthews International Capital Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Matthews International Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	41	7.31	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

252. Mayo Capital Partners (United States)

Mayo Capital Partners has made an estimated 18 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Mayo Capital Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Mayo Capital Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	18	0.63	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

253. Mediobanca Banca di Credito Finanziario (Italy)

Mediobanca Banca di Credito Finanziario has made an estimated 75 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Mediobanca Banca di Credito Finanziario (Italy) to the nuclear weapon companies since January 2011.

Loans provided by Mediobanca Banca di Credito Finanziario

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

254. Mediolanum (Italy)

Mediolanum has made an estimated 2 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Mediolanum (Italy) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Mediolanum

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Finmeccanica	Italy	2	0.56	31-Dec-2013

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

255. Mega Financial (Taiwan)

Mega Financial has made an estimated 119 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Mega Financial (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by Mega Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
URS	URS Corp	39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

256. Mercator Asset Management (United States)

Mercator Asset Management has made an estimated 140 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Mercator Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Mercator Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	140	0.66	18-Apr-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

257. MetLife (United States)

MetLife has made an estimated 150 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which MetLife (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by MetLife

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	57	1.72	31-Mar-2014
Boeing	United States	49	0.74	31-Mar-2014
Raytheon	United States	30	0.56	31-Mar-2014
Textron	United States	14	0.65	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

258. MFP Investors (United States)

MFP Investors has made an estimated 15 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which MFP Investors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by MFP Investors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	15	1.30	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

259. Millennium Management (United States)

Millennium Management has made an estimated 28 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Millennium Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Millennium Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	28	0.79	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

260. Mischler Financial Group (United States)

Mischler Financial Group has made an estimated 87 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Mischler Financial Group (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Mischler Financial Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

261. Mitsubishi UFJ Financial (Japan)

Mitsubishi UFJ Financial has made an estimated 5,282 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Mitsubishi UFJ Financial (Japan) to the nuclear weapon companies since January 2011.

Loans provided by Mitsubishi UFJ Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	142	11-Aug-2014
		1,050	126	11-Aug-2014
		750	150	07-Jun-2013
		600	120	23-Sep-2011
		1,050	39	29-Jan-2014
		1,050	158	13-Jul-2011
Airbus Group	EADS	4,345	163	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	250	25	08-Oct-2013
		700	47	08-Oct-2013
		1,010	67	08-Oct-2013
		200	13	09-Mar-2012
		150	15	24-Jun-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	1,000	100	14-Jun-2013
		2,000	200	14-Jun-2013
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
CH2M	CH2M Hill Cos Ltd	900	135	19-Apr-2012
		1,100	220	22-Mar-2014
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Fluor	Fluor Corp	1,700	255	28-May-2014
		1,800	270	28-May-2014
		1,800	270	07-Nov-2012
Gencorp	GenCorp Inc	100	8	30-May-2014
		200	15	30-May-2014
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		650	35	23-Sep-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,160	139	23-Mar-2012
		460	39	07-Feb-2014
		1,140	62	07-Feb-2014
Larsen & Toubro	Larsen & Toubro Ltd	47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	76	13-Dec-2011
Safran	Safran SA	1,320	198	21-Oct-2011
Serco	Serco Group PLC	1,159	72	21-Feb-2012
Textron	Textron Inc	500	25	23-Jan-2014
		1,000	100	30-Sep-2013
		1,000	143	02-Mar-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	138	07-Mar-2014
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011
		39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Mitsubishi UFJ Financial (Japan) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Mitsubishi UFJ Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
Alliant Techsystems	Alliant Techsystems Inc	300	50	22-Oct-2013
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Honeywell International	Honeywell International Inc	600	33	14-Feb-2011
		800	44	14-Feb-2011
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		900	54	09-Jun-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011
	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Textron	Textron Inc	250	25	14-Sep-2011
		250	25	14-Sep-2011
		250	25	23-Jan-2014
		350	35	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

262. Mizuho Financial (Japan)

Mizuho Financial has made an estimated 2,090 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Mizuho Financial (Japan) to the nuclear weapon companies since January 2011.

Loans provided by Mizuho Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	200	13	03-Sep-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Larsen & Toubro	Larsen & Toubro Ltd	200	120	17-Dec-2012
		47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
		1,775	355	29-Aug-2013
TASC	TASC Inc	50	5	23-Apr-2014
		250	25	23-Apr-2014
		393	39	23-Apr-2014
URS	URS Corp	500	43	02-Mar-2012
		700	35	14-Oct-2011
		1,000	50	14-Oct-2011
		39	4	16-Dec-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		655	66	16-Dec-2013
		961	96	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Mizuho Financial (Japan) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Mizuho Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011
		900	54	09-Jun-2011
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

263. Modern Woodmen of America (United States)

Modern Woodmen of America has made an estimated 15 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Modern Woodmen of America (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Modern Woodmen of America

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	15	1.81	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

264. Mondrian Investment Partners (United Kingdom)

Mondrian Investment Partners has made an estimated 53 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Mondrian Investment Partners (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Mondrian Investment Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	53	1.29	29-Nov-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

265. Morgan Stanley (United States)

Morgan Stanley has made an estimated 6,641 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Morgan Stanley (United States) to the nuclear weapon companies since January 2011.

Loans provided by Morgan Stanley

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	600	40	23-Sep-2011
		1,050	39	29-Jan-2014
		1,050	70	13-Jul-2011
Airbus Group	EADS	4,345	76	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	250	14	08-Oct-2013
		700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		150	7	24-Jun-2014
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
Gencorp	GenCorp Inc	100	13	30-May-2014
		200	27	30-May-2014
		50	13	16-Aug-2012
		50	10	18-Nov-2011
Honeywell International	Honeywell International Inc	150	30	18-Nov-2011
		2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
Northrop Grumman	Huntington Ingalls Ind Inc	4,000	73	18-Nov-2013
		575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	13	18-Aug-2012
Textron	Textron Inc	1,000	75	30-Sep-2013
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014
URS	URS Corp	500	67	02-Mar-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Morgan Stanley (United States) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Morgan Stanley

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	2,158	1,079	12-Jun-2012
		2,947	1,473	17-Apr-2013
Safran	Safran SA	270	270	28-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Morgan Stanley (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Morgan Stanley

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
BAE Systems	BAE Systems PLC	350	70	10-May-2011
		400	80	10-May-2011
		500	100	10-May-2011
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
	Boeing Co	150	50	30-Apr-2013
		350	35	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
Gencorp	GenCorp Inc	460	115	18-Jan-2013
Honeywell International	Honeywell International Inc	300	30	18-Nov-2013
		700	70	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	500	40	09-Jun-2011
		600	48	09-Jun-2011
		900	72	09-Jun-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011
	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	60	27-Nov-2012
Safran	Safran SA	275	137	04-Jul-2014
Textron	Textron Inc	250	30	14-Sep-2011
		250	30	14-Sep-2011
		250	19	23-Jan-2014
		350	26	23-Jan-2014
URS	URS Corp	400	100	03-Aug-2012
		600	150	03-Aug-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Morgan Stanley (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Morgan Stanley

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	39	0.90	30-Jun-2014
Honeywell International	United States	686	0.94	30-Jun-2014
Huntington Ingalls	United States	41	0.88	30-Jun-2014
Leidos	United States	28	0.97	30-Jun-2014
Raytheon	United States	268	0.94	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

266. National Bank of Abu Dhabi (United Arab Emirates)

National Bank of Abu Dhabi has made an estimated 329 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by National Bank of Abu Dhabi (United Arab Emirates) to the nuclear weapon companies since January 2011.

Loans provided by National Bank of Abu Dhabi

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
Serco	Serco Group PLC	1,159	72	21-Feb-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

267. National Financial Partners (United States)

National Financial Partners has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which National Financial Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by National Financial Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
URS	United States	21	0.67	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

268. National Life Group (United States)

National Life Group has made an estimated 23 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which National Life Group (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by National Life Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	10	0.77	31-Mar-2014
Rockwell Collins	United States	13	0.76	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

269. Nationwide (United States)

Nationwide has made an estimated 42 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Nationwide (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing

date.

Bondholdings managed by Nationwide

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	10	0.77	31-Mar-2014
Northrop Grumman	United States	32	0.73	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

270. Neuberger Berman (United States)

Neuberger Berman has made an estimated 1,337 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Neuberger Berman (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Neuberger Berman

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	996	1.09	30-Jun-2014
General Dynamics	United States	202	0.52	30-Jun-2014
Textron	United States	139	1.30	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

271. New India Assurance (India)

New India Assurance has made an estimated 169 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which New India Assurance (India) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by New India Assurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	169	1.05	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

272. New Jersey Department of the Treasury (United States)

New Jersey Department of the Treasury has made an estimated 119 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which New Jersey Department of the Treasury (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by New Jersey Department of the Treasury

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	65	1.83	31-Mar-2014
URS	United States	54	1.70	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

273. New Mountain Capital (United States)

New Mountain Capital has made an estimated 53 million USD available to the nuclear weapons

producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which New Mountain Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by New Mountain Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
URS	United States	53	1.67	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

274. New York Life Insurance Company (United States)

New York Life Insurance Company has made an estimated 1,161 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which New York Life Insurance Company (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by New York Life Insurance Company

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	743	0.81	30-Jun-2014
Fluor	United States	62	0.51	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which New York Life Insurance Company (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by New York Life Insurance Company

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	52	1.57	31-Mar-2014
Boeing	United States	49	0.74	31-Mar-2013
Gencorp	United States	35	4.33	31-Mar-2014
General Dynamics	United States	79	2.02	31-Mar-2014
Huntington Ingalls	United States	22	1.80	31-Mar-2014
Leidos	United States	27	2.06	31-Mar-2014
Raytheon	United States	28	0.54	31-Mar-2014
Rockwell Collins	United States	64	3.87	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

275. New York State Common Retirement Fund (United States)

New York State Common Retirement Fund has made an estimated 71 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which New York State Common Retirement Fund (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by New York State Common Retirement Fund

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	25	0.57	30-Jun-2014
Huntington Ingalls	United States	28	0.61	30-Jun-2014
URS	United States	18	0.57	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

276. NewSouth Capital Management (United States)

NewSouth Capital Management has made an estimated 85 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which NewSouth Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by NewSouth Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	85	7.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

277. Norddeutsche Landesbank (Germany)

Norddeutsche Landesbank has made an estimated 75 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Norddeutsche Landesbank (Germany) to the nuclear weapon companies since January 2011.

Loans provided by Norddeutsche Landesbank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

278. Northern Trust (United States)

Northern Trust has made an estimated 4,437 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Northern Trust (United States) to the nuclear weapon companies since January 2011.

Loans provided by Northern Trust

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
		600	40	23-Sep-2011
		1,050	39	29-Jan-2014
		1,050	70	13-Jul-2011
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
CH2M	CH2M Hill Cos Ltd	900	72	19-Apr-2012
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,140	62	07-Feb-2014
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	43	08-Sep-2011
		1,500	129	08-Sep-2011
		500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	76	13-Dec-2011
Textron	Textron Inc	500	25	23-Jan-2014
		1,000	75	30-Sep-2013
		1,000	143	02-Mar-2011
URS	URS Corp	39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Northern Trust (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Northern Trust

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	25	0.77	30-Jun-2014
Alliant Techsystems	United States	36	0.84	30-Jun-2014
Boeing	United States	773	0.84	30-Jun-2014
Fluor	United States	102	0.84	30-Jun-2014
Gencorp	United States	13	1.12	30-Jun-2014
General Dynamics	United States	309	0.79	30-Jun-2014
Honeywell International	United States	608	0.84	30-Jun-2014
Huntington Ingalls	United States	36	0.78	30-Jun-2014
Jacobs Engineering	United States	58	0.82	30-Jun-2014
Leidos	United States	21	0.73	30-Jun-2014
Lockheed Martin	United States	373	0.73	30-Jun-2014
Northrop Grumman	United States	233	0.94	30-Jun-2014
Raytheon	United States	251	0.87	30-Jun-2014
Rockwell Collins	United States	87	0.82	30-Jun-2014
Textron	United States	87	0.82	30-Jun-2014
URS	United States	25	0.78	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

279. NorthPointe Capital (United States)

NorthPointe Capital has made an estimated 9 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which NorthPointe Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by NorthPointe Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	9	0.83	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

280. Northwestern Mutual Life Insurance (United States)

Northwestern Mutual Life Insurance has made an estimated 621 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Northwestern Mutual Life Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Northwestern Mutual Life Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	168	5.08	31-Mar-2014
Boeing	United States	71	1.09	31-Mar-2014
General Dynamics	United States	68	1.76	31-Mar-2014
Honeywell International	United States	41	0.65	31-Mar-2014
Lockheed Martin	United States	153	1.60	31-Mar-2014
Raytheon	United States	120	2.29	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

281. Norwegian Government Pension Fund - Global (Norway)

Norwegian Government Pension Fund - Global has made an estimated 843 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Norwegian Government Pension Fund - Global (Norway) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Norwegian Government Pension Fund - Global

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	25	0.86	31-Dec-2013
Finmeccanica	Italy	81	1.84	31-Dec-2013
Fluor	United States	100	0.79	31-Dec-2013
Huntington Ingalls	United States	38	0.87	31-Dec-2013
Larsen & Toubro	India	81	0.51	31-Dec-2013
Leidos	United States	35	1.02	31-Dec-2013
Rockwell Collins	United States	77	0.77	31-Dec-2013
Thales	France	156	1.17	31-Dec-2013
ThyssenKrupp	Germany	218	1.58	31-Dec-2013
URS	United States	32	0.88	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

282. Och-Ziff Capital Management Group (United States)

Och-Ziff Capital Management Group has made an estimated 226 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Och-Ziff Capital Management Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Och-Ziff Capital Management Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	226	0.58	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

283. Oddo & Cie (France)

Oddo & Cie has made an estimated 256 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Oddo & Cie (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Oddo & Cie

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Safran	France	256	0.88	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

284. Ohio National Mutual (United States)

Ohio National Mutual has made an estimated 15 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Ohio National Mutual (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Ohio National Mutual

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	15	1.15	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

285. Ohio Public Employees Retirement System (United States)

Ohio Public Employees Retirement System has made an estimated 8 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Ohio Public Employees Retirement System (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Ohio Public Employees Retirement System

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	8	0.78	31-Mar-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

286. Old Mutual (United Kingdom)

Old Mutual has made an estimated 4,315 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Old Mutual (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Old Mutual

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	38	0.89	30-Jun-2014
Gencorp	United States	21	1.91	30-Jun-2014
General Dynamics	United States	1,359	3.49	30-Jun-2014
Honeywell International	United States	1,261	1.73	30-Jun-2014
Huntington Ingalls	United States	24	0.53	30-Jun-2014
Northrop Grumman	United States	331	1.33	30-Jun-2014
Raytheon	United States	1,256	4.38	30-Jun-2014
URS	United States	25	0.79	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

287. Ontario Teachers' Pension Plan Board (Canada)

Ontario Teachers' Pension Plan Board has made an estimated 91 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Ontario Teachers' Pension Plan Board (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Ontario Teachers' Pension Plan Board

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	91	0.86	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

288. Oppenheimer Holdings (United States)

Oppenheimer Holdings has made an estimated 31 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Oppenheimer Holdings (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Oppenheimer Holdings

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	17	2.11	30-Jun-2014
Huntington Ingalls	United States	14	1.18	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

289. Opus Capital Management (United States)

Opus Capital Management has made an estimated 18 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Opus Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Opus Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	18	0.55	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

290. Orbis Group (United Kingdom- Bermuda)

Orbis Group has made an estimated 87 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Orbis Group (Bermuda) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Orbis Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	87	2.75	25-Apr-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

291. Orix Corporation (Japan)

Orix Corporation has made an estimated 1,263 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Orix Corporation (Japan) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Orix Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	131	1.09	30-Jun-2014
Huntington Ingalls	United States	188	4.10	30-Jun-2014
Lockheed Martin	United States	488	0.96	30-Jun-2014
Raytheon	United States	437	1.52	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Orix Corporation (Japan) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Orix Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	19	1.56	31-May-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

292. OxFORD Asset Management (United Kingdom)

OxFORD Asset Management has made an estimated 9 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which OxFORD Asset

Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by OxFORD Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	9	0.78	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

293. Pacific Mutual (United States)

Pacific Mutual has made an estimated 103 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Pacific Mutual (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Pacific Mutual

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	53	1.59	31-Mar-2014
Fluor	United States	10	1.20	31-Mar-2014
Northrop Grumman	United States	25	0.57	31-Mar-2014
Textron	United States	15	0.70	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

294. Peconic Partners (United States)

Peconic Partners has made an estimated 61 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Peconic Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Peconic Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	61	0.50	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

295. Pekin Singer Strauss Asset Management (United States)

Pekin Singer Strauss Asset Management has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Pekin Singer Strauss Asset Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Pekin Singer Strauss Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

296. Pennant Capital Management (United States)

Pennant Capital Management has made an estimated 48 million USD available to the nuclear weapons

producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Pennant Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Pennant Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	48	1.05	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

297. People's United Financial (United States)

People's United Financial has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by People's United Financial (United States) to the nuclear weapon companies since January 2011.

Loans provided by People's United Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

298. Piper Jaffray (United States)

Piper Jaffray has made an estimated 80 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Piper Jaffray (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Piper Jaffray

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

299. Platinum Asset Management (Australia)

Platinum Asset Management has made an estimated 96 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Platinum Asset Management (Australia) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Platinum Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	96	1.36	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

300. PNC Financial Services (United States)

PNC Financial Services has made an estimated 638 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by PNC Financial Services (United States) to the nuclear weapon companies since January 2011.

Loans provided by PNC Financial Services

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	250	14	08-Oct-2013
		700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		200	13	03-Sep-2012
		150	7	24-Jun-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
Textron	Textron Inc	500	25	23-Jan-2014
		1,000	75	30-Sep-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by PNC Financial Services (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by PNC Financial Services

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Textron	Textron Inc	250	19	23-Jan-2014
		350	26	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

301. Point72 Asset Management (United States)

Point72 Asset Management has made an estimated 46 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Point72 Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Point72 Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	46	1.07	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

302. Polar Capital Holdings (United Kingdom)

Polar Capital Holdings has made an estimated 34 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Polar Capital Holdings (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Polar Capital Holdings

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	34	1.06	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

303. Poplar Forest Capital (United States)

Poplar Forest Capital has made an estimated 20 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Poplar Forest Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Poplar Forest Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	20	0.63	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

304. Power Financial Corporation (Canada)

Power Financial Corporation has made an estimated 1,423 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Power Financial Corporation (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Power Financial Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	35	1.10	30-Jun-2014
General Dynamics	United States	896	2.30	30-Jun-2014
Northrop Grumman	United States	423	1.70	30-Jun-2014
URS	United States	41	1.30	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Power Financial Corporation (Canada) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Power Financial Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	28	1.70	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

305. Primecap (United States)

Primecap has made an estimated 1,667 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Primecap (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Primecap

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	128	4.01	30-Jun-2014
Airbus Group	France	468	0.89	30-Jun-2014
Honeywell International	United States	873	1.20	30-Jun-2014
Jacobs Engineering	United States	198	2.79	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

306. Principal Financial (United States)

Principal Financial has made an estimated 343 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Principal Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Principal Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	58	1.81	30-Jun-2014
Gencorp	United States	7	0.62	30-Jun-2014
Raytheon	United States	147	0.51	30-Jun-2014
Rockwell Collins	United States	87	0.83	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Principal Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Principal Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	9	0.87	31-Jul-2014
Gencorp	United States	6	0.72	31-Jul-2014
Leidos	United States	29	2.23	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

307. Protective Life Corp (United States)

Protective Life Corp has made an estimated 104 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Protective Life Corp (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Protective Life Corp

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	19	2.29	31-Mar-2014
Leidos	United States	19	1.42	31-Mar-2014
Raytheon	United States	37	0.70	31-Mar-2014
Rockwell Collins	United States	10	0.61	31-Mar-2014
Textron	United States	19	0.87	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

308. Prudential (United Kingdom)

Prudential has made an estimated 609million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Prudential (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Prudential

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	240	1.04	07-Aug-2014
Serco	United Kingdom	30	0.91	07-Feb-2014
Textron	United States	58	0.54	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Prudential (United Kingdom) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Prudential

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	96	2.90	31-Mar-2014
Boeing	United States	55	0.84	31-Mar-2014
Leidos	United States	10	0.79	31-Mar-2014
Northrop Grumman	United States	50	1.15	31-Mar-2014
Raytheon	United States	50	0.95	31-Mar-2014
Textron	United States	20	0.93	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

309. Prudential Financial (United States)

Prudential Financial has made an estimated 2,553 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Prudential Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Prudential Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	18	0.57	30-Jun-2014
Boeing	United States	1,304	1.42	30-Jun-2014
Fluor	United States	131	1.08	30-Jun-2014
Huntington Ingalls	United States	35	0.75	30-Jun-2014
Northrop Grumman	United States	197	0.79	30-Jun-2014
Raytheon	United States	161	0.56	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Prudential Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Prudential Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	20	0.62	31-Mar-2014
Boeing	United States	95	1.45	31-Mar-2014
Fluor	United States	6	0.69	31-Mar-2014
General Dynamics	United States	53	1.36	31-Jul-2014
Honeywell International	United States	224	3.55	31-Mar-2014
Lockheed Martin	United States	64	0.67	31-Mar-2014
Raytheon	United States	115	2.19	31-Mar-2014
Rockwell Collins	United States	88	5.35	31-Mar-2014
Textron	United States	42	1.94	31-Jul-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

310. Pzena Investment Management (United States)

Pzena Investment Management has made an estimated 88 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Pzena Investment Management (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Pzena Investment Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	24	0.76	30-Jun-2014
URS	United States	64	2.02	30-Jun-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

311. Raymond James Financial (United States)

Raymond James Financial has made an estimated 52 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Raymond James Financial (United States) to the nuclear weapon companies since January 2011.

Loans provided by Raymond James Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Raymond James Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Raymond James Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
URS	United States	23	0.71	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

312. RE Investment Corporation (United States)

RE Investment Corporation has made an estimated 54 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which RE Investment Corporation (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by RE Investment Corporation

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	34	0.73	30-Jun-2014
Leidos	United States	20	0.71	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

313. Regions Financial (United States)

Regions Financial has made an estimated 73 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Regions Financial (United States) to the nuclear weapon companies since January 2011.

Loans provided by Regions Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	250	14	08-Oct-2013
		700	12	08-Oct-2013
		1,010	17	08-Oct-2013
		150	7	24-Jun-2014
Gencorp	GenCorp Inc	100	8	30-May-2014
		200	15	30-May-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

314. Reinhart Partners (United States)

Reinhart Partners has made an estimated 28 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Reinhart Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Reinhart Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	28	0.79	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

315. Reliance Capital (India)

Reliance Capital has made an estimated 171 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Reliance Capital (India) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Reliance Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	171	0.65	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

316. Renaissance Technologies (United States)

Renaissance Technologies has made an estimated 168 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Renaissance Technologies (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Renaissance Technologies

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	168	3.65	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

317. RHJ International (Belgium)

RHJ International has made an estimated 42 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which RHJ International (Belgium) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by RHJ International

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	42	1.35	31-May-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

318. Riyad Bank (Saudi Arabia)

Riyad Bank has made an estimated 195 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Riyadh Bank (Saudi Arabia) to the nuclear weapon companies since January 2011.

Loans provided by Riyadh Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
Raytheon	Raytheon Co	1,400	76	13-Dec-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

319. Royal Bank of Canada (Canada)

Royal Bank of Canada has made an estimated 1,165 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Royal Bank of Canada (Canada) to the nuclear weapon companies since January 2011.

Loans provided by Royal Bank of Canada

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	250	25	08-Oct-2013
		700	47	08-Oct-2013
		1,010	67	08-Oct-2013
		200	13	09-Mar-2012
		150	7	24-Jun-2014
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
TASC	TASC Inc	100	13	19-Apr-2011
		575	72	19-Apr-2011
		50	5	23-Apr-2014
		250	25	23-Apr-2014
		393	39	23-Apr-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Royal Bank of Canada (Canada) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Royal Bank of Canada

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	300	50	22-Oct-2013
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013

Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011
		900	54	09-Jun-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Royal Bank of Canada (Canada) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Royal Bank of Canada

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Thales	France	27	2.56	30-Jun-2013

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

320. Royal Bank of Scotland (United Kingdom)

Royal Bank of Scotland has made an estimated 5,757 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Royal Bank of Scotland (United Kingdom) to the nuclear weapon companies since January 2011.

Loans provided by Royal Bank of Scotland

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Bechtel	Bechtel Corp	950	158	06-Feb-2011
		975	146	27-Jul-2012
		1,550	258	06-Feb-2011
		1,000	150	14-Jun-2013
		2,000	300	14-Jun-2013
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
CH2M	CH2M Hill Cos Ltd	900	72	19-Apr-2012
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	80	14-Jul-2011
		1,000	80	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	49	23-Sep-2013
		650	65	23-Sep-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,160	139	23-Mar-2012
		460	39	07-Feb-2014
		1,140	124	07-Feb-2014
Larsen & Toubro	Larsen & Toubro Ltd	47	5	27-Aug-2013
		59	7	27-Aug-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013
Lockheed Martin	Lockheed Martin Corp	1,500	120	26-Aug-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	58	31-Mar-2011
		650	65	31-Mar-2011
	Northrop Grumman Corp	500	50	09-Aug-2011
		1,500	150	09-Aug-2011
		500	50	18-Aug-2012
		1,775	355	29-Aug-2013
Serco	Serco Group PLC	364	146	17-Jun-2011
		121	49	17-Jun-2011
		1,159	72	21-Feb-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014
URS	URS Corp	500	43	02-Mar-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Royal Bank of Scotland (United Kingdom) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Royal Bank of Scotland

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
BAE Systems	BAE Systems PLC	619	155	30-May-2012
Boeing	Boeing Capital Corp	250	33	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
General Dynamics	General Dynamics Corp	500	40	07-May-2011
		500	40	07-May-2011
		500	40	07-May-2011
		500	50	11-Jan-2012
		900	90	11-Jan-2012
		1,000	100	11-Jan-2012
Honeywell International	Honeywell International Inc	300	30	18-Nov-2013
		700	70	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	60	03-Apr-2011
		600	60	03-Apr-2011
	Northrop Grumman Corp	850	57	28-May-2013
		950	63	28-May-2013
		1,050	70	28-May-2013
Raytheon	Raytheon Co	425	43	29-Nov-2011
		575	58	29-Nov-2011
		1,100	60	27-Nov-2012
Serco	Serco Group PLC	20	10	13-May-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		70	23	12-Jun-2011
			35	13-May-2013
		125	42	12-Jun-2011
		140	47	12-Jun-2011
		150	75	13-May-2013
ThyssenKrupp	ThyssenKrupp AG	1,654	414	21-Feb-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

321. Royal Capital Management (United States)

Royal Capital Management has made an estimated 11 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Royal Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Royal Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	11	0.95	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

322. Ruane, Cunniff & Goldfarb (United States)

Ruane, Cunniff & Goldfarb has made an estimated 381 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Ruane, Cunniff & Goldfarb (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Ruane, Cunniff & Goldfarb

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	210	2.97	30-Jun-2014
Serco	United Kingdom	171	5.05	14-Jul-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

323. Ruffer (United Kingdom)

Ruffer has made an estimated 584 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Ruffer (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Ruffer

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	214	0.55	30-Jun-2014
Lockheed Martin	United States	370	0.73	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

324. Sammons Enterprises (United States)

Sammons Enterprises has made an estimated 48 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Sammons Enterprises (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Sammons Enterprises

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Northrop Grumman	United States	48	1.09	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

325. Sanders Capital (United States)

Sanders Capital has made an estimated 219 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Sanders Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Sanders Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	219	0.56	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

326. Sasco Capital (United States)

Sasco Capital has made an estimated 234 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Sasco Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Sasco Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Raytheon	United States	234	0.82	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

327. Schafer Cullen Capital Management (United States)

Schafer Cullen Capital Management has made an estimated 302 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Schafer Cullen Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Schafer Cullen Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Raytheon	United States	302	1.05	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014

328. Schroders (United Kingdom)

Schroders has made an estimated 620 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Schroders (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Schroders

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	51	1.47	30-Jun-2014
BAE Systems	United Kingdom	307	1.33	07-Aug-2014
Leidos	United States	30	1.05	30-Jun-2014
Safran	France	186	0.68	30-Jun-2014
Serco	United Kingdom	46	1.37	07-Feb-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

329. Scotia Bond (Canada)

Scotia Bond has made an estimated 80 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Scotia Bond (Canada) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Scotia Bond

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

330. Scotiabank (Canada)

Scotiabank has made an estimated 1,698 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Scotiabank (Canada) to the nuclear weapon companies since January 2011.

Loans provided by Scotiabank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	142	11-Aug-2014
		1,050	126	11-Aug-2014
		750	20	07-Jun-2013
		1,050	39	29-Jan-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	35	14-Jul-2011
Honeywell International	Honeywell International Inc	4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Jacobs Engineering	Jacobs Engineering Group Inc	1,160	139	23-Mar-2012
		1,140	62	07-Feb-2014
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	43	09-Aug-2011
		1,500	129	09-Aug-2011
		500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	76	13-Dec-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Scotiabank (Canada) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Scotiabank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
Fluor	Fluor Corp	500	20	09-Aug-2011
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	60	27-Nov-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

331. Seizert Capital Partners (United States)

Seizert Capital Partners has made an estimated 26 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Seizert Capital Partners (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Seizert Capital Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
URS	United States	26	0.83	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

332. Sentry Insurance (United States)

Sentry Insurance has made an estimated 10 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Sentry Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Sentry Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	10	0.78	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

333. Serco Group Plc Employee Benefit Trust (United Kingdom)

Serco Group Plc Employee Benefit Trust has made an estimated 98 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Serco Group Plc Employee Benefit Trust (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Serco Group Plc Employee Benefit Trust

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	98	2.16	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

334. Shelter Mutual Insurance (United States)

Shelter Mutual Insurance has made an estimated 8 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Shelter Mutual Insurance (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Shelter Mutual Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	8	0.78	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

335. Siemens Financial Services (Germany)

Siemens Financial Services has made an estimated 91 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Siemens Financial Services (Germany) to the nuclear weapon companies since January 2011.

Loans provided by Siemens Financial Services

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

336. Silchester International Investors (United Kingdom)

Silchester International Investors has made an estimated 663 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Silchester International Investors (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Silchester International Investors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	663	3.05	19-Feb-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

337. Silverback Asset Management (United States)

Silverback Asset Management has made an estimated 10 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Silverback Asset Management (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Silverback Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	10	1.23	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

338. Silvercrest Asset Management (United States)

Silvercrest Asset Management has made an estimated 38 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Silvercrest Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Silvercrest Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	38	0.53	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

339. SinoPac Holdings (Taiwan)

SinoPac Holdings has made an estimated 20 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by SinoPac Holdings (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by SinoPac Holdings

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

340. Skandinaviska Enskilda Banken - SEB (Sweden)

Skandinaviska Enskilda Banken has made an estimated 662 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Skandinaviska Enskilda Banken (Sweden) to the nuclear weapon companies since January 2011.

Loans provided by Skandinaviska Enskilda Banken

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Skandinaviska Enskilda Banken (Sweden) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Skandinaviska Enskilda Banken

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	1,717	429	19-Feb-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

341. Skytop Capital Management (United States)

Skytop Capital Management has made an estimated 9 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Skytop Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Skytop Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	9	0.80	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

342. Smith Asset Management Group (United States)

Smith Asset Management Group has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Smith Asset Management Group (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Smith Asset Management Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	29	0.64	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

343. Snow Capital Management (United States)

Snow Capital Management has made an estimated 60 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Snow Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Snow Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	60	0.56	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

344. Société Générale (France)

Société Générale has made an estimated 3,686 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Société Générale (France) to the nuclear weapon companies since January 2011.

Loans provided by Société Générale

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Safran	Safran SA	1,320	198	21-Oct-2011
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by Société Générale (France) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by Société Générale

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	Airbus Group NV	614	246	15-Jan-2014
		614	369	15-Jan-2014
	EADS	2,987	1,195	04-Sep-2013
Safran	Safran SA	573	229	27-Mar-2013
			344	27-Mar-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Société Générale (France) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Société Générale

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
		600	33	14-Feb-2011
		800	44	14-Feb-2011
Thales	Thales SA	389	56	13-Mar-2013
		648	93	13-Mar-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

345. SPA Group (India)

SPA Group has made an estimated 17 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by SPA Group (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by SPA Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	18	5	17-May-2013
		18	5	17-May-2013
		37	7	29-Oct-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

346. StanCorp Financial (United States)

StanCorp Financial has made an estimated 8 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which StanCorp Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by StanCorp Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	8	0.50	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

347. Standard Chartered (United Kingdom)

Standard Chartered has made an estimated 348 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Standard Chartered (United Kingdom) to the nuclear weapon companies since January 2011.

Loans provided by Standard Chartered

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,050	39	29-Jan-2014
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Standard Chartered (United Kingdom) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Standard Chartered

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Larsen & Toubro	L&T Finance Ltd	6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

348. Standard Life (United Kingdom)

Standard Life has made an estimated 19 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Standard Life (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Standard Life

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	19	0.58	07-Feb-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

349. Starboard Value (United States)

Starboard Value has made an estimated 119 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Starboard Value (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Starboard Value

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	119	3.42	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014

350. State Administration for Foreign Exchange (China)

State Administration for Foreign Exchange has made an estimated 48 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which State Administration for Foreign Exchange (China) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by State Administration for Foreign Exchange

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	48	1.18	04-Nov-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

351. State Bank of India (India)

State Bank of India has made an estimated 51 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by State Bank of India (India) to the nuclear weapon companies since January 2011.

Loans provided by State Bank of India

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by State Bank of India (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by State Bank of India

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	8	2	20-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

352. State Farm (United States)

State Farm has made an estimated 253 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which State Farm (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by State Farm

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	28	3.37	31-Mar-2014
General Dynamics	United States	76	1.94	31-Mar-2014
Honeywell International	United States	38	0.60	31-Mar-2014
Northrop Grumman	United States	31	0.71	31-Mar-2014
Raytheon	United States	28	0.53	31-Mar-2014
Rockwell Collins	United States	38	2.27	31-Mar-2014
Textron	United States	14	0.65	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

353. State Street (United States)

State Street has made an estimated 28,493 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by State Street (United States) to the nuclear weapon companies since January 2011.

Loans provided by State Street

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	13	18-Aug-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which State Street (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by State Street

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	81	2.54	30-Jun-2014
Alliant Techsystems	United States	90	2.11	30-Jun-2014
Babcock & Wilcox	United States	45	1.30	30-Jun-2014
BAE Systems	United Kingdom	446	1.95	07-Aug-2014
Boeing	United States	4,064	4.43	30-Jun-2014
Fluor	United States	599	4.94	30-Jun-2014
Gencorp	United States	23	2.01	30-Jun-2014
General Dynamics	United States	1,749	4.49	30-Jun-2014
Honeywell International	United States	6,637	9.12	30-Jun-2014
Huntington Ingalls	United States	255	5.56	30-Jun-2014
Jacobs Engineering	United States	282	3.97	30-Jun-2014
Leidos	United States	70	2.45	30-Jun-2014
Lockheed Martin	United States	8,969	17.58	30-Jun-2014
Northrop Grumman	United States	2,792	11.22	30-Jun-2014
Raytheon	United States	1,234	4.30	30-Jun-2014
Rockwell Collins	United States	453	4.29	30-Jun-2014
Serco	United Kingdom	20	0.58	07-Feb-2014
Textron	United States	432	4.04	30-Jun-2014
URS	United States	81	2.55	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which State Street (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by State Street

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	30	2.52	08-Sep-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

354. Steel Partners Holdings (United States)

Steel Partners Holdings has made an estimated 80 million USD available to the nuclear weapons

producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Steel Partners Holdings (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Steel Partners Holdings

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	80	7.12	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

355. Stifel Financial (United States)

Stifel Financial has made an estimated 29 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Stifel Financial (United States) to the nuclear weapon companies since January 2011.

Loans provided by Stifel Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

356. Sumitomo Mitsui Financial (Japan)

Sumitomo Mitsui Financial has made an estimated 2,761 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Sumitomo Mitsui Financial (Japan) to the nuclear weapon companies since January 2011.

Loans provided by Sumitomo Mitsui Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	95	11-Aug-2014
		1,050	84	11-Aug-2014
		750	20	07-Jun-2013
		600	40	23-Sep-2011
		1,050	39	29-Jan-2014
Airbus Group	EADS	4,345	76	14-Mar-2011
Alliant Techsystems	Alliant Techsystems Inc	250	14	08-Oct-2013
		700	24	08-Oct-2013
		1,010	34	08-Oct-2013
		150	7	24-Jun-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Jacobs Engineering	Jacobs Engineering Group Inc	460	39	07-Feb-2014
Larsen & Toubro	Larsen & Toubro Ltd	200	80	17-Dec-2012
		47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
	Northrop Grumman Corp	500	43	09-Aug-2011
		1,500	129	09-Aug-2011
		500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	76	13-Dec-2011
Serco	Serco Group PLC	1,159	72	21-Feb-2012
Textron	Textron Inc	500	25	23-Jan-2014
		1,000	75	30-Sep-2013
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011
		39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Sumitomo Mitsui Financial (Japan) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Sumitomo Mitsui Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		600	36	09-Jun-2011
		900	54	09-Jun-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011
	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Textron	Textron Inc	250	25	14-Sep-2011
		250	25	14-Sep-2011
		250	19	23-Jan-2014
		350	26	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

357. Sumitomo Mitsui Trust (Japan)

Sumitomo Mitsui Trust has made an estimated 41 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Sumitomo Mitsui Trust (Japan) to the nuclear weapon companies since January 2011.

Loans provided by Sumitomo Mitsui Trust

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	Larsen & Toubro Ltd	47	5	27-Aug-2013
		59	7	27-Aug-2013
		64	7	27-Aug-2013
		100	11	27-Aug-2013
		100	11	27-Aug-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

358. Sun Life Financial (Canada)

Sun Life Financial has made an estimated 6,034 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Sun Life Financial (Canada) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Sun Life Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	131	1.08	30-Jun-2014
Honeywell International	United States	3,638	5.00	30-Jun-2014
Lockheed Martin	United States	1,556	3.05	30-Jun-2014
Northrop Grumman	United States	535	2.15	30-Jun-2014
Serco	United Kingdom	52	1.55	07-Feb-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Sun Life Financial (Canada) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Sun Life Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	63	1.89	31-Jul-2014
Gencorp	United States	12	1.43	31-Jul-2014
Huntington Ingalls	United States	19	1.57	31-Jul-2014
Textron	United States	30	1.38	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

359. Sunrise Partners (United States)

Sunrise Partners has made an estimated 8 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Sunrise Partners (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Sunrise Partners

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	8	0.97	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

360. SunTrust Banks (United States)

SunTrust Banks has made an estimated 1,305 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by SunTrust Banks (United States) to the nuclear weapon companies since January 2011.

Loans provided by SunTrust Banks

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	250	25	08-Oct-2013
		700	47	08-Oct-2013
		1,010	67	08-Oct-2013
		200	20	03-Sep-2012
Gencorp	GenCorp Inc	150	7	24-Jun-2014
		100	13	30-May-2014
		200	27	30-May-2014
		50	13	16-Aug-2012
		50	10	18-Nov-2011
General Dynamics	General Dynamics Corp	150	30	18-Nov-2011
		1,000	35	14-Jul-2011
			43	14-Jul-2011
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
		500	43	08-Sep-2011
	Northrop Grumman Corp	500	43	08-Sep-2011
		1,500	129	08-Sep-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Textron	Textron Inc	500	25	23-Jan-2014
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011
		39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by SunTrust Banks (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by SunTrust Banks

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	300	50	22-Oct-2013
Gencorp	GenCorp Inc	460	115	18-Jan-2013
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which SunTrust Banks (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by SunTrust Banks

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	76	0.63	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

361. Svenska Handelsbanken (Sweden)

Svenska Handelsbanken has made an estimated 78 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Svenska Handelsbanken (Sweden) to the nuclear weapon companies since January 2011.

Loans provided by Svenska Handelsbanken

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

362. Swiss Re (Switzerland)

Swiss Re has made an estimated 27 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Swiss Re (Switzerland) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Swiss Re

Company	Country	Total value (USD mln)	% Outstanding	Filing date
General Dynamics	United States	27	0.70	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

363. Swisscanto Holding (Switzerland)

Swisscanto Holding has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Swisscanto Holding (Switzerland) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Swisscanto Holding

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Safran	France	5	0.77	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

364. Symetra Financial (United States)

Symetra Financial has made an estimated 168 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Symetra Financial (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Symetra Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	79	2.39	31-Mar-2014
Northrop Grumman	United States	32	0.74	31-Mar-2014
Raytheon	United States	75	1.42	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

365. Synovus Financial Corporation (United States)

Synovus Financial Corporation has made an estimated 334 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Synovus Financial Corporation (United States) to the nuclear weapon companies since January 2011.

Loans provided by Synovus Financial Corporation

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	700	12	08-Oct-2013
		1,010	17	08-Oct-2013
Textron	Textron Inc	500	25	23-Jan-2014
		700	280	24-Jan-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

366. T. Rowe Price (United States)

T. Rowe Price has made an estimated 8,543 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which T. Rowe Price (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by T. Rowe Price

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	544	15.61	30-Jun-2014
Boeing	United States	4,680	5.10	30-Jun-2014
Gencorp	United States	6	0.51	30-Jun-2014
Honeywell International	United States	1,573	2.16	30-Jun-2014
Jacobs Engineering	United States	100	1.41	30-Jun-2014
Raytheon	United States	214	0.75	30-Jun-2014
Serco	United Kingdom	98	2.39	26-Nov-2013
Textron	United States	1,310	12.25	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which T. Rowe Price (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by T. Rowe Price

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Textron	United States	18	0.82	30-Jun-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

367. Taiwan Business Bank (Taiwan)

Taiwan Business Bank has made an estimated 66 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Taiwan Business Bank (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by Taiwan Business Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

368. Taiwan Cooperative Financial (Taiwan)

Taiwan Cooperative Financial has made an estimated 66 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Taiwan Cooperative Financial (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by Taiwan Cooperative Financial

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

369. Taiwan Financial Holding (Taiwan)

Taiwan Financial Holding has made an estimated 41 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Taiwan Financial Holding (Taiwan) to the nuclear weapon companies since January 2011.

Loans provided by Taiwan Financial Holding

Company	Subsidiary	Use of Proceeds	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	Refinancing	750	41	07-Jun-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

370. Thales SA Employees Stock Ownership Plan (France)

Thales SA Employees Stock Ownership Plan has made an estimated 281 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Thales SA Employees Stock Ownership Plan (France) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Thales SA Employees Stock Ownership Plan

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Thales	France	281	2.11	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

371. The London Company of Virginia (United States)

The London Company of Virginia has made an estimated 182 million USD available to the nuclear

weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which The London Company of Virginia (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by The London Company of Virginia

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	182	4.25	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

372. The Phoenix Companies (United States)

The Phoenix Companies has made an estimated 7 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which The Phoenix Companies (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by The Phoenix Companies

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	7	0.54	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

373. The Travelers Companies (United States)

The Travelers Companies has made an estimated 63 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which The Travelers Companies (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by The Travelers Companies

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	8	0.98	31-Mar-2014
General Dynamics	United States	36	0.92	31-Mar-2014
Leidos	United States	10	0.74	31-Mar-2014
Rockwell Collins	United States	9	0.55	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

374. Thrivent Financial (United States)

Thrivent Financial has made an estimated 202 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Thrivent Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Thrivent Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	122	1.01	30-Jun-2014
Huntington Ingalls	United States	29	0.64	30-Jun-2014
Jacobs Engineering	United States	51	0.72	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

375. TIAA-CREF (United States)

TIAA-CREF has made an estimated 3,354 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which TIAA-CREF (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by TIAA-CREF

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	52	1.21	30-Jun-2014
Boeing	United States	651	0.71	30-Jun-2014
Gencorp	United States	6	0.54	30-Jun-2014
General Dynamics	United States	317	0.81	30-Jun-2014
Honeywell International	United States	933	1.28	30-Jun-2014
Huntington Ingalls	United States	68	1.47	30-Jun-2014
Larsen & Toubro	India	160	0.61	30-Jun-2014
Northrop Grumman	United States	159	0.64	30-Jun-2014
Raytheon	United States	159	0.56	30-Jun-2014
Rockwell Collins	United States	72	0.68	30-Jun-2014
Textron	United States	231	2.16	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which TIAA-CREF (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by TIAA-CREF

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	75	2.27	31-Mar-2014
Boeing	United States	50	0.76	31-Mar-2014
Fluor	United States	25	3.01	31-Mar-2014
General Dynamics	United States	32	0.82	31-Mar-2014
Huntington Ingalls	United States	50	4.18	31-Mar-2014
Lockheed Martin	United States	52	0.54	31-Mar-2014
Northrop Grumman	United States	141	3.24	31-Mar-2014
Raytheon	United States	44	0.84	31-Mar-2014
Rockwell Collins	United States	77	4.66	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

376. Tiger Management (United States)

Tiger Management has made an estimated 15 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Tiger Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Tiger Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	15	1.36	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

377. Toronto-Dominion Bank (Canada)

Toronto-Dominion Bank has made an estimated 1,076 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Toronto-Dominion Bank (Canada) to the nuclear weapon companies since January 2011.

Loans provided by Toronto-Dominion Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	3,000	129	30-Mar-2012
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Jacobs Engineering	Jacobs Engineering Group Inc	460	39	07-Feb-2014
		1,140	62	07-Feb-2014
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Toronto-Dominion Bank (Canada) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Toronto-Dominion Bank

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Northrop Grumman	Huntington Ingalls Ind Inc	600	40	03-Apr-2011
		600	40	03-Apr-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

378. Trimaran Capital Partners (United States)

Trimaran Capital Partners has made an estimated 13 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Trimaran Capital Partners (United States) to the nuclear weapon companies since January 2011.

Loans provided by Trimaran Capital Partners

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	200	13	03-Sep-2012

Source: Thomson ONE Banker, "Loans", viewed August 2014.

379. Trust Investment Advisors (United States)

Trust Investment Advisors has made an estimated 154 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Trust Investment Advisors (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Trust Investment Advisors

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	51	10	14-Dec-2012
	L&T Finance Ltd	5	5	01-Jul-2013
		5	5	18-Dec-2012
		5	2	15-Dec-2011
		6	2	15-Dec-2011
		8	2	20-Mar-2014
		17	9	10-Nov-2013
		30	10	15-Dec-2011
		41	41	26-Jun-2013
		45	15	15-Dec-2011
		13	4	27-Jul-2012
		26	13	27-Apr-2012
	L&T Fincorp Ltd	2	1	06-Mar-2014
		3	1	06-Mar-2014
		4	4	27-Jun-2013
		5	5	26-Mar-2013
		25	25	26-Jun-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

380. Two Sigma Investments (United States)

Two Sigma Investments has made an estimated 232 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Two Sigma Investments (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Two Sigma Investments

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	17	0.54	30-Jun-2014
Alliant Techsystems	United States	106	2.48	30-Jun-2014
Huntington Ingalls	United States	33	0.72	30-Jun-2014
Jacobs Engineering	United States	47	0.67	30-Jun-2014
Leidos	United States	29	1.00	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

381. UBI Banca (Italy)

UBI Banca has made an estimated 106 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by UBI Banca (Italy) to the nuclear weapon companies since January 2011.

Loans provided by UBI Banca

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

382. UBS (Switzerland)

UBS has made an estimated 3,685 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by UBS (Switzerland) to the nuclear weapon companies since January 2011.

Loans provided by UBS

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of share issuances by UBS (Switzerland) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by UBS

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	922	922	26-Apr-2013
Safran	Safran SA	1,218	610	15-Nov-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by UBS (Switzerland) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by UBS

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
Honeywell International	Honeywell International Inc	600	33	14-Feb-2011
		800	44	14-Feb-2011
Lockheed Martin	Lockheed Martin Corp	500	30	09-Jun-2011
		600	36	09-Jun-2011
		900	54	09-Jun-2011
Raytheon	Raytheon Co	425	21	29-Nov-2011
		575	29	29-Nov-2011
		1,100	88	27-Nov-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which UBS (Switzerland) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by UBS

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	1,222	2.33	09-Jun-2014
BAE Systems	United Kingdom	204	0.89	07-Aug-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which UBS (Switzerland) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by UBS

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	7	0.60	30-Apr-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

383. UniCredit (Italy)

UniCredit has made an estimated 1,786 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by UniCredit (Italy) to the nuclear weapon companies since January 2011.

Loans provided by UniCredit

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	163	14-Mar-2011
Finmeccanica	Finmeccanica SpA	3,001	106	09-Jul-2014
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Northrop Grumman	Northrop Grumman Corp	500	13	18-Aug-2012
ThyssenKrupp	ThyssenKrupp AG	2,751	75	07-Mar-2014

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by UniCredit (Italy) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by UniCredit

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Finmeccanica	Finmeccanica Finance SA	339	20	17-Jan-2014
		777	71	28-Nov-2012
		950	59	26-Nov-2013
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
ThyssenKrupp	ThyssenKrupp AG	457	228	03-May-2013
		1,654	414	21-Feb-2012
		1,670	417	18-Feb-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

384. United Fire Group (United States)

United Fire Group has made an estimated 5 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which United Fire Group (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by United Fire Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	5	0.60	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

385. Unum Group (United States)

Unum Group has made an estimated 281 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Unum Group (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Unum Group

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	84	2.55	31-Mar-2014
Huntington Ingalls	United States	24	1.96	31-Mar-2014
Leidos	United States	37	2.85	31-Mar-2014
Lockheed Martin	United States	55	0.57	31-Mar-2014
Raytheon	United States	66	1.25	31-Mar-2014
Textron	United States	15	0.70	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

386. US Bancorp (United States)

US Bancorp has made an estimated 3,610 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by US Bancorp (United States) to the nuclear weapon companies since January 2011.

Loans provided by US Bancorp

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	750	20	07-Jun-2013
		1,050	39	29-Jan-2014
Alliant Techsystems	Alliant Techsystems Inc	250	25	08-Oct-2013
		700	47	08-Oct-2013
		1,010	67	08-Oct-2013
		200	20	03-Sep-2012
		150	7	24-Jun-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	32	22-May-2012
Boeing	Boeing Co	2,300	42	11-May-2011
		2,300	42	11-May-2011
		2,300	460	29-Sep-2012
		2,300	460	29-Sep-2012
CH2M	CH2M Hill Cos Ltd	900	72	19-Apr-2012
Fluor	Fluor Corp	1,700	227	28-May-2014
		1,800	240	28-May-2014
		1,800	180	07-Nov-2012
Gencorp	GenCorp Inc	100	8	30-May-2014
		200	15	30-May-2014
		50	13	16-Aug-2012
		50	10	18-Nov-2011
		150	30	18-Nov-2011
General Dynamics	General Dynamics Corp	1,000	35	14-Jul-2011
			43	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	27	23-Sep-2013
		650	35	23-Sep-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,160	139	23-Mar-2012
		460	39	07-Feb-2014
		1,140	62	07-Feb-2014
Lockheed Martin	Lockheed Martin Corp	1,500	90	26-Aug-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	22	31-Mar-2011
		650	24	31-Mar-2011
		500	13	18-Aug-2012
Raytheon	Raytheon Co	1,400	76	13-Dec-2011
Textron	Textron Inc	1,000	75	30-Sep-2013
		500	25	23-Jan-2014
URS	URS Corp	500	43	02-Mar-2012
		700	35	14-Oct-2011
		1,000	50	14-Oct-2011
		39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by US Bancorp (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by US Bancorp

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	300	50	22-Oct-2013
Boeing	Boeing Capital Corp	500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
		500	30	09-Jun-2011
Lockheed Martin	Lockheed Martin Corp	600	36	09-Jun-2011
		900	54	09-Jun-2011
		850	26	28-May-2013
Northrop Grumman	Northrop Grumman Corp	950	29	28-May-2013
		1,050	32	28-May-2013
		250	19	23-Jan-2014
Textron	Textron Inc	350	26	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

387. USS Investment Management (United Kingdom)

USS Investment Management has made an estimated 126 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which USS Investment Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by USS Investment Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	126	0.56	07-Aug-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

388. UTI Asset Management (India)

UTI Asset Management has made an estimated 1,315 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which UTI Asset Management (India) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by UTI Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Larsen & Toubro	India	1,315	8.18	31-Dec-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

389. ValueAct Holdings (United States)

ValueAct Holdings has made an estimated 939 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which ValueAct Holdings (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by ValueAct Holdings

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Rockwell Collins	United States	939	8.89	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

390. Vanguard (United States)

Vanguard has made an estimated 21,926 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Vanguard (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Vanguard

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	195	6.09	30-Jun-2014
Airbus Group	France	500	0.95	30-Jun-2014
Alliant Techsystems	United States	252	5.89	30-Jun-2014
Babcock & Wilcox	United States	202	5.78	30-Jun-2014
BAE Systems	United Kingdom	353	1.54	07-Aug-2014
Boeing	United States	4,413	4.81	30-Jun-2014
Finmeccanica	Italy	50	0.92	30-Jun-2014
Fluor	United States	735	6.07	30-Jun-2014
Gencorp	United States	39	3.48	30-Jun-2014
General Dynamics	United States	2,186	5.61	30-Jun-2014
Honeywell International	United States	3,438	4.73	30-Jun-2014
Huntington Ingalls	United States	323	7.03	30-Jun-2014
Jacobs Engineering	United States	475	6.70	30-Jun-2014
Larsen & Toubro	India	175	0.66	30-Jun-2014
Leidos	United States	163	5.70	30-Jun-2014
Lockheed Martin	United States	2,272	4.45	30-Jun-2014
Northrop Grumman	United States	1,434	5.77	30-Jun-2014
Raytheon	United States	1,524	5.32	30-Jun-2014
Rockwell Collins	United States	735	6.97	30-Jun-2014
Safran	France	234	0.86	30-Jun-2014
Serco	United Kingdom	43	1.26	07-Feb-2014
Textron	United States	711	6.65	30-Jun-2014
Thales	France	85	0.68	30-Jun-2014
ThyssenKrupp	Germany	156	0.97	31-Jul-2014
URS	United States	180	5.67	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Vanguard (United

States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Vanguard

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	139	2.12	31-Jul-2014
Fluor	United States	8	0.99	31-Jul-2014
General Dynamics	United States	235	6.01	31-Jul-2014
Honeywell International	United States	227	3.60	31-Jul-2014
Huntington Ingalls	United States	91	7.58	31-Jul-2014
Leidos	United States	20	1.57	31-Jul-2014
Lockheed Martin	United States	158	1.65	31-Jul-2014
Raytheon	United States	134	2.55	31-Jul-2014
Rockwell Collins	United States	41	2.46	31-Jul-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

391. Veritas Asset Management (United Kingdom)

Veritas Asset Management has made an estimated 550 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Veritas Asset Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Veritas Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Lockheed Martin	United States	550	1.08	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

392. Viel & Cie. (France)

Viel & Cie. has made an estimated 177 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Viel & Cie. (France) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Viel & Cie.

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Holdings Ltd	23	23	12-Mar-2012
	L&T Finance Ltd	4	4	22-Mar-2012
		4	4	22-Mar-2012
		4	4	22-Mar-2012
		4	4	22-Mar-2012
		4	4	22-Mar-2012
		5	2	15-Dec-2011
		6	2	15-Dec-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	12-Feb-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
		6	2	12-Feb-2011
		6	2	12-Feb-2011
		6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014
		6	2	27-Mar-2014
		8	2	20-Mar-2014
		10	5	10-Aug-2012
		10	5	10-Aug-2012
		17	9	10-Nov-2013
		18	5	17-May-2013
		18	5	17-May-2013
		30	10	15-Dec-2011
		30	8	06-Sep-2014
		36	5	13-Jun-2014
		37	7	29-Oct-2013
		45	15	15-Dec-2011
		45	6	13-Jun-2014
		13	4	27-Jul-2012
		36	9	14-Jun-2012
		36	9	14-Jun-2012
	L&T Fincorp Ltd	26	13	21-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

393. Viking Global Investors (United States)

Viking Global Investors has made an estimated 424 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Viking Global Investors (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Viking Global Investors

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Airbus Group	France	424	1.52	10-Oct-2012

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

394. Voya Financial (United States)

Voya Financial has made an estimated 63 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Voya Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Voya Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Fluor	United States	63	0.52	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

395. VP Bank Group (Lichtenstein)

VP Bank Group has made an estimated 781 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of share issuances by VP Bank Group (Lichtenstein) for the nuclear weapon companies since January 2011.

Underwriting of share issuances by VP Bank Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
ThyssenKrupp	ThyssenKrupp AG	2,342	781	07-Jul-2011

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

396. W.T.B. Financial (United States)

W.T.B. Financial has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which W.T.B. Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by W.T.B. Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	21	0.66	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

397. Waddell & Reed Financial (United States)

Waddell & Reed Financial has made an estimated 718 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Waddell & Reed Financial (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Waddell & Reed Financial

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Boeing	United States	633	0.69	30-Jun-2014
Jacobs Engineering	United States	85	1.21	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

398. Water Street Capital (United States)

Water Street Capital has made an estimated 16 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Water Street Capital (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Water Street Capital

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	16	1.39	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

399. Wedge Capital Management (United States)

Wedge Capital Management has made an estimated 230 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Wedge Capital Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Wedge Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Huntington Ingalls	United States	59	1.28	30-Jun-2014
URS	United States	171	5.39	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

400. Wellington Management (United States)

Wellington Management has made an estimated 6,669 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Wellington Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Wellington Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
AECOM	United States	95	2.96	30-Jun-2014
General Dynamics	United States	613	1.57	30-Jun-2014
Honeywell International	United States	1,953	2.68	30-Jun-2014
Jacobs Engineering	United States	142	2.00	30-Jun-2014
Lockheed Martin	United States	1,443	2.83	30-Jun-2014
Northrop Grumman	United States	764	3.07	30-Jun-2014
Raytheon	United States	1,089	3.80	30-Jun-2014
Safran	France	186	0.68	30-Jun-2014
Textron	United States	384	3.59	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

401. Wells Fargo (United States)

Wells Fargo has made an estimated 5,666 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Wells Fargo (United States) to the nuclear weapon companies since January 2011.

Loans provided by Wells Fargo

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology	1,187	95	11-Aug-2014
		1,050	84	11-Aug-2014
		750	20	07-Jun-2013
		600	40	23-Sep-2011
		1,050	39	29-Jan-2014
		1,050	158	13-Jul-2011

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Alliant Techsystems	Alliant Techsystems Inc	250	25	08-Oct-2013
		700	47	08-Oct-2013
		1,010	67	08-Oct-2013
		200	20	03-Sep-2012
		150	7	24-Jun-2014
Babcock & Wilcox	The Babcock & Wilcox Co	700	70	22-May-2012
BAE Systems	BAE Systems PLC	3,269	82	12-Dec-2013
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
CH2M	CH2M Hill Cos Ltd	900	135	19-Apr-2012
		1,100	220	22-Mar-2014
Gencorp	GenCorp Inc	100	8	30-May-2014
		200	15	30-May-2014
		50	13	16-Aug-2012
		50	10	18-Nov-2011
		150	30	18-Nov-2011
General Dynamics	General Dynamics Corp	1,000	125	21-Jun-2013
		1,000	80	14-Jul-2011
		1,000	80	14-Jul-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
Huntington Ingalls	Huntington Ingalls Ind Inc	489	49	23-Sep-2013
		650	65	23-Sep-2013
Jacobs Engineering	Jacobs Engineering Group Inc	1,160	155	23-Mar-2012
		460	39	07-Feb-2014
		1,140	62	07-Feb-2014
Lockheed Martin	Lockheed Martin Corp	1,500	120	26-Aug-2011
Northrop Grumman	Huntington Ingalls Ind Inc	575	58	31-Mar-2011
		650	65	31-Mar-2011
	Northrop Grumman Corp	500	50	08-Sep-2011
		1,500	150	08-Sep-2011
		500	50	18-Aug-2012
		1,775	355	29-Aug-2013
Textron	Textron Inc	500	25	23-Jan-2014
		1,000	75	30-Sep-2013
URS	URS Corp	500	43	02-Mar-2012
		700	70	14-Oct-2011
		1,000	100	14-Oct-2011
		39	2	16-Dec-2013
		655	39	16-Dec-2013
		961	58	16-Dec-2013

Source: Thomson ONE Banker, "Loans", viewed August 2014.

The table below provides an overview of the underwriting of bond issuances by Wells Fargo (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Wells Fargo

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
AECOM	AECOM Technology Corp	800	80	17-Sep-2014
		800	80	17-Sep-2014
Alliant Techsystems	Alliant Techsystems Inc	300	50	22-Oct-2013
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
		500	18	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
Fluor	Fluor Corp	500	20	09-Aug-2011
Gencorp	GenCorp Inc	460	115	18-Jan-2013
General Dynamics	General Dynamics Corp	500	40	07-May-2011
		500	40	07-May-2011
		500	40	07-May-2011
		500	50	11-Jan-2012
		900	90	11-Jan-2012
		1,000	100	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Lockheed Martin	Lockheed Martin Corp	500	40	09-Jun-2011
		600	48	09-Jun-2011
		900	72	09-Jun-2011
Northrop Grumman	Huntington Ingalls Ind Inc	600	60	03-Apr-2011
		600	60	03-Apr-2011
	Northrop Grumman Corp	850	57	28-May-2013
		950	63	28-May-2013
		1,050	70	28-May-2013
Raytheon	Raytheon Co	425	43	29-Nov-2011
		575	58	29-Nov-2011
		1,100	60	27-Nov-2012
Textron	Textron Inc	250	19	23-Jan-2014
		350	26	23-Jan-2014
URS	URS Corp	400	100	03-Aug-2012
		600	150	03-Aug-2012

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Wells Fargo (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Wells Fargo

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Babcock & Wilcox	United States	82	2.35	30-Jun-2014
General Dynamics	United States	448	1.15	30-Jun-2014
Huntington Ingalls	United States	119	2.59	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

402. Western & Southern Mutual (United States)

Western & Southern Mutual has made an estimated 233 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Western & Southern Mutual (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Western & Southern Mutual

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Alliant Techsystems	United States	77	1.80	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

The table below provides an overview of the nuclear weapon companies of which Western & Southern Mutual (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Western & Southern Mutual

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Northrop Grumman	United States	29	0.66	31-Mar-2014
Raytheon	United States	27	0.51	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

403. Westpac Banking (Australia)

Westpac Banking has made an estimated 380 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the loans provided by Westpac Banking (Australia) to the nuclear weapon companies since January 2011.

Loans provided by Westpac Banking

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Airbus Group	EADS	4,345	76	14-Mar-2011
Boeing	Boeing Co	2,300	42	05-Nov-2011
		2,300	42	05-Nov-2011
Honeywell International	Honeywell International Inc	2,800	62	17-Mar-2011
		4,000	73	18-Nov-2013
URS	URS Corp	700	35	14-Oct-2011
		1,000	50	14-Oct-2011

Source: Thomson ONE Banker, "Loans", viewed August 2014.

404. White Mountains Insurance (Bermuda)

White Mountains Insurance has made an estimated 104 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which White Mountains Insurance (Bermuda) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by White Mountains Insurance

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Honeywell International	United States	32	0.51	31-Mar-2014
Raytheon	United States	61	1.16	31-Mar-2014
Rockwell Collins	United States	11	0.68	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

405. William Blair & Company (United States)

William Blair & Company has made an estimated 98 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which William Blair & Company (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by William Blair & Company

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Jacobs Engineering	United States	98	1.39	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

406. Williams Capital Group (United States)

Williams Capital Group has made an estimated 391 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Williams Capital Group (United States) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Williams Capital Group

Company	Subsidiary	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Boeing	Boeing Capital Corp	250	9	28-Jul-2011
	Boeing Co	350	10	30-Apr-2013
General Dynamics	General Dynamics Corp	500	19	07-May-2011
		500	19	07-May-2011
		500	19	07-May-2011
		500	21	11-Jan-2012
		900	39	11-Jan-2012
		1,000	43	11-Jan-2012
Honeywell International	Honeywell International Inc	300	10	18-Nov-2013
		700	23	18-Nov-2013
Northrop Grumman	Northrop Grumman Corp	850	26	28-May-2013
		950	29	28-May-2013
		1,050	32	28-May-2013
Textron	Textron Inc	250	25	14-Sep-2011
		250	25	14-Sep-2011
		250	19	23-Jan-2014
		350	26	23-Jan-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

407. Winslow Asset Management (United States)

Winslow Asset Management has made an estimated 21 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Winslow Asset Management (United States) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Winslow Asset Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Gencorp	United States	21	1.83	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

408. Winton Capital Management (United Kingdom)

Winton Capital Management has made an estimated 211 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Winton Capital Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Winton Capital Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	73	2.54	30-Jun-2014
Northrop Grumman	United States	138	0.55	30-Jun-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

409. Woodford Investment Management (United Kingdom)

Woodford Investment Management has made an estimated 103 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Woodford Investment Management (United Kingdom) owns or manages 0.50% or more of the outstanding shares at the most recent available filing date.

Shareholdings managed by Woodford Investment Management

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Serco	United Kingdom	103	3.04	10-Jul-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed August 2014.

410. Woodmen of the World and/or Omaha Woodmen Life Insurance Society (United States)

Woodmen of the World and/or Omaha Woodmen Life Insurance Society has made an estimated 9 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the nuclear weapon companies of which Woodmen of the World and/or Omaha Woodmen Life Insurance Society (United States) owns or manages 0.50% or more of the outstanding bonds at the most recent available filing date.

Bondholdings managed by Woodmen of the World and/or Omaha Woodmen Life Insurance Society

Company	Country	Total value (USD mln)	% Outstanding	Filing date
Leidos	United States	9	0.69	31-Mar-2014

Source: Bloomberg, "Aggregated debt", viewed in August 2014.

411. Yes Bank (India)

Yes Bank has made an estimated 2 million USD available to the nuclear weapons producers listed in this report since January 2011.

The table below provides an overview of the underwriting of bond issuances by Yes Bank (India) for the nuclear weapon companies since January 2011.

Underwriting of bond issuances by Yes Bank

Company	Subsidiary	Use of Proceeds	Total value (USD mln)	Est. participation of this bank (USD mln)	Date
Larsen & Toubro	L&T Finance Ltd	General	8	2	20-Mar-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed August 2014.

DON'T BANK ON THE BOMB

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