

## Social Security Finances: Findings of the 2014 Trustees Report

*By Elisa A. Walker, Virginia P. Reno, and Thomas N. Bethell*

### Summary

The 2014 Trustees Report updates projections about the future finances of Social Security's two trust funds. The Disability Insurance (DI) trust fund, which is legally separate from the Old-Age and Survivors Insurance (OASI) trust fund, will require legislative action soon to ensure that all scheduled benefits for disabled workers and their families can be paid in 2016 and beyond. Of the 6.2 percent of earnings that workers and employers each pay into Social Security, 5.3 percent goes to the OASI trust fund and 0.9 percent goes to the DI trust fund. A 0.2 percentage-point increase in the DI contribution rate (from 0.9 percent to 1.1 percent for workers and employers each) would fully fund the DI program for the next 75 years. Alternatively, a temporary reallocation of part of the OASI contribution rate would strengthen DI while keeping the OASI fund adequately funded for many years into the future.

On a combined OASDI basis, Social Security is fully funded until 2033, but faces a long-term shortfall thereafter. In 2013, Social Security revenue plus interest income exceeded outgo by \$32 billion, leaving a surplus. Reserves, now at \$2.8 trillion, are projected to grow to \$2.9 trillion by the end of 2019. Then, if Congress takes no action in the meantime, reserves would start to be drawn down to pay benefits. If Congress does not act before 2033, Social Security is projected to face a shortfall. Its reserves would be depleted and revenue continuing to come into the trust funds from workers' and employers' contributions and taxation of benefits would cover about 77 percent of scheduled benefits (and administrative costs, which are less than 1 percent of outgo). Timely revenue increases and/or gradual benefit reductions can bring the program into balance over the long term, preventing the projected shortfall.

### What is the Trustees Report?

The Social Security Act establishes a Board of Trustees for the Social Security trust funds and requires the Board to report annually to Congress on the status of the funds. The Board issues a separate report on the Medicare trust funds. The Board has six members: the Secretaries of the Treasury, of Labor, and of Health and Human Services; the Commissioner of Social Security; and two trustees representing the public who must be from different political parties and are appointed by the President and confirmed by the Senate.

The Trustees Report is a tool for Congress and the public to gauge the financial status of the Social Security system and to understand the scope of the program's long-term commitments. Social Security's financial balance is projected over 75 years, longer than almost all other government or private-sector projections. This reflects the great importance of Social Security and the fact that its commitments are very long-term. A high degree of stability and predictability is a valued part of the Social Security tradition. Although 75-year projections are inherently uncertain, they provide a long lead time for policymakers to consider, and for citizens to express their views on, changes that achieve long-term balance. The 2014 report is the 74th to be issued and is available on the website of the Office of the Chief Actuary of Social Security:

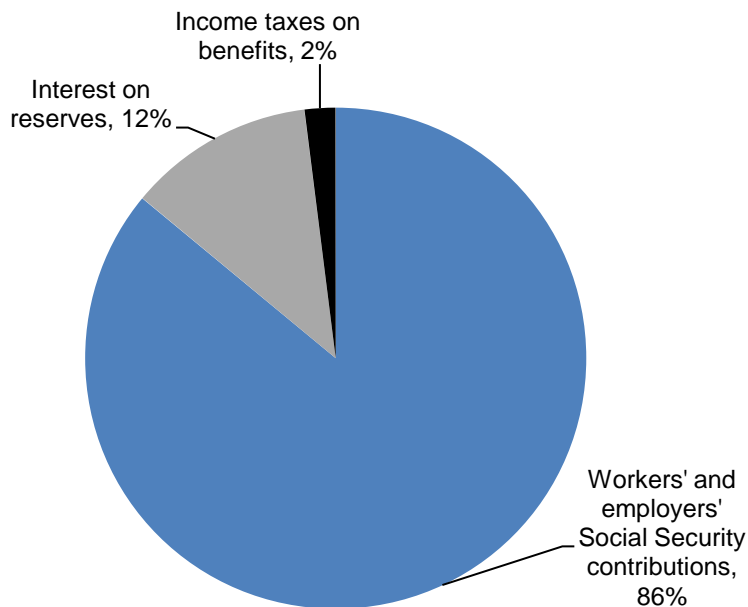
[www.ssa.gov/OACT](http://www.ssa.gov/OACT).

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## Who pays for Social Security?

Workers and employers pay for Social Security through mandatory contributions under the Federal Insurance Contributions Act (FICA). Workers and employers each pay 6.2 percent of earnings up to an annual cap, which is \$117,000 in 2014. Self-employed workers pay both the employee and the employer share and can deduct the employer share from their taxable personal income. Higher-income beneficiaries pay income taxes on part of their benefits; part of this income-tax revenue goes to the Social Security trust funds and part goes to the Medicare Hospital Insurance trust fund. Interest on Social Security's reserves provides an additional source of program income; the reserves are invested in U.S. Treasury bonds, which earned an effective interest rate of 3.8 percent in 2013.<sup>1</sup> Worker and employer contributions accounted for 86 percent of trust fund income in 2013, while income taxes paid by beneficiaries accounted for 2 percent, and interest on reserves was 12 percent (Figure 1).<sup>2</sup>

**Figure 1. Shares of Income to the Trust Funds, 2013**



Source: Board of Trustees, 2014: Table IV.A3.

## Who receives Social Security?

Social Security pays monthly benefits that replace part of the earnings that are lost when a worker who has paid into the program becomes disabled, retires, or dies. In January 2014, 58.1 million people, or more than one in six Americans, received Social Security benefits.<sup>3</sup> One family in four receives income from Social Security.<sup>4</sup> Beneficiaries include 38.0 million retired workers, 4.2 million widows and widowers, and 2.4 million spouses. About 3.4 million children under age 18 (or under age 19 and still in high school) receive benefits as dependents. About 8.9 million disabled workers receive benefits, along with about 1.0 million adults whose disabilities began in childhood and who were or are dependents of deceased, disabled or retired parents.<sup>5</sup>

## How much does Social Security pay?

The average monthly benefit paid to all retired workers in January 2014 was \$1,296, or about \$15,552 annually (Table 1).<sup>6</sup> The average benefit was somewhat smaller for disabled workers (\$1,146) and for widows and widowers age 60 or older (\$1,245). Benefits are higher for families. For example, widowed mothers or fathers with two children received \$2,575 a month, on average, or about \$30,900 a year, while disabled workers with one or more children received \$1,760 a month, on average, or about \$21,120 a year.<sup>7</sup> For comparison, the 2014 federal poverty guideline for a family of two is \$15,730 a year; for a family of three it is \$19,790, and for four it is \$23,850.<sup>8</sup>

Social Security is the main source of income for most people age 65 and older. For one in two married beneficiary couples and nearly three in four unmarried beneficiaries over age 65, Social Security accounts for more than half of total income.<sup>9</sup> More information about the role of Social Security in the incomes of

beneficiaries is in the Academy's publication *What's Next for Social Security? Essential Facts for Action*.<sup>10</sup>

Social Security benefits are generally increased each year by a cost-of-living adjustment (COLA) that is based on the consumer price index for urban wage earners (CPI-W). A 1.5 percent COLA took effect in December 2013, increasing benefits paid in January 2014 and thereafter.

**Table 1. Average Monthly Benefits, January 2014**

<b>By Beneficiary Type:<sup>a</sup></b>	<b>Benefit</b>
Retired workers	\$1,296
Disabled workers	\$1,146
Widows or widowers (60 or older)	\$1,245
<b>By Family Type:<sup>b</sup></b>	<b>Benefit</b>
Retired worker and spouse (62 or older)	\$2,114
Widowed mother or father and two children	\$2,575
Disabled worker and one or more children	\$1,760

<sup>a</sup> Source: SSA, 2014b. <sup>b</sup> Preliminary data. Source: SSA, 2014c.

A common way to assess benefit levels is to compare workers' benefit amounts at retirement with their earnings over their working careers. Under current law, the replacement rate for a medium earner (with career-average earnings of \$45,128 in 2013) retiring at age 65 is projected to decline from 40 percent of career-average earnings today to 36 percent in 2025 and thereafter.<sup>11</sup> Four out of every ten retirees take benefits at age 62 and thereby incur substantial reductions in their benefits for claiming early.<sup>12</sup> The replacement rate for a medium earner retiring at age 62 is projected to decline from 33 percent today to 30 percent in 2025.<sup>13</sup> The drop in replacement rates is a result of the 1983 Social Security amendments that increased the full retirement age to 67 for workers born in 1960 and later, who will reach 65 in 2025 and later. When considering options to strengthen Social Security in the future, it is useful to take into account reductions in benefits already scheduled in the law.

### How do actuaries project the future?

Each year the Social Security actuaries review the performance of the economy, take into account new laws and regulations, and reassess assumptions about future economic and demographic trends that will affect the Social Security system – such as employment, wage levels, productivity, inflation, interest rates, birth rates, death rates, and immigration.

The actuaries make projections using three scenarios agreed upon by the trustees: low-cost, high-cost, and intermediate. The intermediate scenario is considered the “best estimate.” In general, the low-cost estimate uses a more optimistic set of assumptions (such as higher economic growth, lower unemployment, and higher fertility rates) while the high-cost estimate is based on more pessimistic assumptions. For each scenario the Trustees Report projects the status of the funds for the short term (10 years) and longer term (up to 75 years).

### What do the trustees project for the short term?

In 2014, the Social Security trust funds are projected to collect \$882.4 billion and pay out \$863.1 billion, leaving a surplus of \$19.3 billion (Table 2). Almost all outgo will be used to pay benefits; less than 1 percent of outgo will be spent on administration. Income consists of revenues – contributions from workers and employers, and income from taxation of benefits – plus interest earned on the trust fund reserves.

**Table 2. Social Security at a Glance, 2012-2014**

	<b>2012</b>	<b>2013</b>	<b>2014 projected</b>
Income (in billions)	\$840.2	\$855.0	\$882.4
Outgo (in billions)	\$785.8	\$822.9	\$863.1
Surplus (in billions)	\$54.4	\$32.1	\$19.3
Trust fund balance <sup>a</sup> (in billions)	\$2,732.3	\$2,764.4	\$2,784
Covered workers <sup>b</sup> (in thousands)	161,672	163,221	165,446
Beneficiaries <sup>c</sup> (in thousands)	56,176	57,471	58,896
COLA <sup>d</sup>	3.6%	1.7%	<sup>e</sup> 1.5%
Taxable maximum	\$110,100	\$113,700	<sup>e</sup> \$117,000

Source: Board of Trustees, 2014.

<sup>a</sup> Trust fund balances shown are as of the end of the year indicated.

<sup>b</sup> Workers who are paid at some time during the year for employment on which OASDI taxes are due.

<sup>c</sup> Beneficiaries with monthly benefits in current-payment status as of June 30.

<sup>d</sup> COLAs shown are effective beginning with benefits paid in January of the year indicated.

<sup>e</sup> Actual.

By law, the amounts not needed for current outgo are invested in interest-bearing U.S. Treasury securities, and these invested assets make up the trust fund reserves. Since 1935, Social Security has collected \$17.2 trillion in revenues and interest and paid out \$14.4 trillion in benefits and administrative costs, leaving a balance of \$2.8 trillion in its trust funds at the end of 2013. Under the intermediate assumptions, the Social Security trust funds are projected to have surpluses each year until 2020. That is, income from revenues and interest will exceed outgo for benefits and administrative costs and the reserves will continue to grow. By the end of 2019, the reserves are estimated to be \$2.9 trillion.

### **What do the trustees project for the longer term?**

The Trustees Report provides summary measures of projected program income and outgo over the next 25, 50, and 75 years. The trustees recognize that the reliability of the financial projections declines as the projection period increases. Under intermediate assumptions:

- Over the next 19 years, Social Security is projected to be fully funded – that is, its income and trust fund reserves can cover all scheduled payments.
- Over the next 25 years, Social Security finances are projected to be 94 percent sufficient – that is, scheduled resources are expected to cover 94 percent of expected outgo.
- Over the next 50 years, Social Security finances are projected to be 87 percent sufficient.
- Over the next 75 years, Social Security finances are projected to be 84 percent sufficient.

These measures of financial self-sufficiency illustrate the extent to which the program's assets and income are projected to meet future obligations.<sup>14</sup> The 25-, 50-, and 75-year projections indicate that remedial actions will be needed to ensure that all legislated benefits will be paid.

The Trustees Report highlights other key dates about Social Security's future finances:

- In 2020, revenues plus interest income are expected to be less than total outgo for that year. If no action is taken before then, reserves would then start to be drawn down to pay benefits.
- If Congress does not act before 2033, the reserves are expected to be depleted, and revenue continuing to come into the funds would cover about 77 percent of scheduled benefits and administrative costs. By law, Social Security cannot pay benefits in excess of its income and reserves.

The long-range actuarial shortfall is projected to be 2.88 percent of taxable payroll – that is, 2.88 percent of all earnings that are subject to Social Security contributions. To put this in perspective, the projected shortfall would be eliminated if the contribution rate paid by employees and employers each were 7.7 percent instead of 6.2 percent.<sup>15</sup>

### **What has changed since last year's projections?**

Social Security's projected long-term revenue shortfall increased from 2.72 percent of taxable payroll in 2013 to 2.88 percent in the 2014 Trustees Report. In the absence of Congressional action, the year in which the combined OASDI trust funds would be fully drawn down remains 2033. For the Disability Insurance trust fund, that projection remains 2016.

In short, the projections have changed little this year. The slight increase in the program's long-term shortfall is due in part to updated economic data and assumptions, as well as the one-year advance in the 75-year projection period, which is now 2014-2088.

Year-to-year changes in the estimates are to be expected. Reasons for the changes between the 2013 and 2014 projections are described in Table II.D2 and Section IV.B6 of the Trustees Report.

## What do the high-cost and low-cost projections show?

In the trustees' high-cost scenario, Social Security's reserves would be depleted in 2028 (instead of 2033 in the best-estimate scenario), and during the first 25 years, the program's finances would be sufficient to cover 84 percent (instead of 94 percent) of its outgo. In the low-cost scenario, Social Security would be fully financed throughout the 75-year projection period, and during the first 25 years, Social Security's finances would cover 105 percent (instead of 94 percent) of program outgo. The difference among estimates reflects the great uncertainty about what the distant future holds.

## Disability insurance trust fund needs attention soon

Of the 6.2 percent of earnings that workers and employers each pay for Social Security, 5.3 percent is for the Old-Age and Survivors Insurance (OASI) trust fund, and the remaining 0.9 percent goes to the Disability Insurance (DI) trust fund to pay benefits for disabled workers and their families. While the two funds are often considered together as the OASDI, or Social Security, trust funds, by law they are separate and cannot borrow from each other without Congressional authorization. Viewed separately, the DI fund can cover promised benefits only until 2016, while the OASI fund can do so until 2034.

Lawmakers need to act before 2016 to ensure that current benefits continue for disabled workers and their families. Absent Congressional action, the DI trust fund would be able to pay only about 81 percent of program costs after trust fund reserve depletion in 2016. Congress has never permitted such a drop in Social Security benefits to occur. It would cause extraordinary and unnecessary hardship for millions of very vulnerable individuals and families.

## How can policymakers address the projected 2016 shortfall in DI?

One option is to raise the DI tax rate from 0.9 to 1.1 percent for workers and employers each. This would fully fund DI over the next 75 years, according to the Social Security actuaries and the Congressional Budget Office.<sup>16</sup>

Alternatively, relative small changes in the allocation of the 6.2 percent tax rate for OASDI could equalize the DI and the OASI trust funds. Table 3 shows a reallocation plan developed by the Social Security actuaries based on projections in the 2014 Trustees Report. Temporarily reallocating a small part of the tax rate to DI would equalize the status of the two funds so that both are fully funded until 2033, after which tax income would cover 77 percent of combined costs.

**Table 3. Social Security Tax Rate Under a Sample Reallocation Plan**  
(rates shown are for workers and employers each)

Year	Total OASDI	OASI	DI	Shift from current law
<b>Current Law:</b>				
2014+	6.2	5.3	0.9	0.0
<b>Reallocation Plan:</b>				
2014	6.2	5.3	0.9	0.0
2015-2016	6.2	4.8	1.4	0.5
2017	6.2	4.9	1.3	0.4
2018-2019	6.2	5.1	1.1	0.2
2020-2023	6.2	5.2	1.0	0.1
2024	6.2	5.25	0.95	0.05
2025+	6.2	5.3	0.9	0.0

Source: Chaplain, Schultz, and Nickerson, 2014 (Social Security Administration, Office of the Chief Actuary).

Because the OASI trust fund is so much larger than the DI fund, such a rebalancing plan would significantly help DI while only slightly changing the projections for the OASI fund. It would not affect the long-term financing of the combined Social Security, or OASDI, system. The two funds are usually discussed together, and the combined funds' reserve depletion date would remain 2033. All subsequent references to the Social Security trust funds in this brief refer to the combined OASDI trust fund.

Reallocation has historically been a routine and uncontroversial way to balance the two funds. Since 1957 – when DI, enacted in 1956, became effective – the combined contribution rate has been reallocated 11 times.<sup>17</sup> Some reallocations increased the contribution rate going to the OASI trust fund, while other reallocations did the opposite. The most recent rebalancing in 1994 was expected to fully fund DI until 2016. Despite the great uncertainty of long-range projections, that estimate has proved accurate. For more information on the DI trust fund and options to strengthen it, see the Academy's brief, *Social Security Disability Insurance: Action Needed to Address Finances*.<sup>18</sup>

### What will Social Security cost as a share of the total economy?

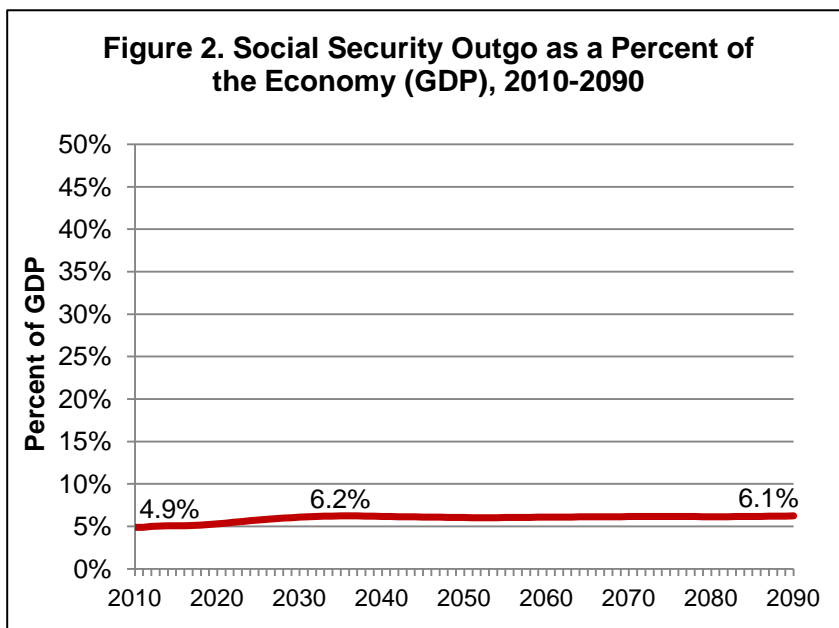
A widely accepted way to assess Social Security's future affordability is to compare benefits scheduled to be paid under current law with the size of the entire economy at the time. In 2013, Social Security outgo was 4.9 percent of the economy, or gross domestic product (GDP). It is projected to rise to 6.2 percent of the economy by 2035, when all baby boomers will be retired, and then to decline somewhat, remaining between about 6.0 and 6.2 percent of the economy thereafter (Figure 2).

### What happens to the Social Security surplus?

By law, Social Security's surplus funds are invested in interest-bearing Treasury securities that are backed by the full faith and credit of the United States. These securities earn interest that is credited to the trust funds. In 2013, they earned an effective interest rate of 3.8 percent.<sup>19</sup> The securities can be redeemed whenever needed to pay Social Security benefits. In financial markets, Treasury securities (bills, notes and bonds) are considered an extremely safe investment because they are backed by the United States. Private pension funds maintain large investments in U.S. bonds, as do many institutional investors and foreign governments.

The sum of all Treasury securities makes up the national debt. Most of the debt is held by (that is, owed to) the public: individuals, corporations, and other investors in the United States and abroad who have loaned money to the government by investing in government securities. At the end of 2013, 16 percent of the national debt was owed to the Social Security trust funds; another 14 percent was owed to other federal trust funds or accounts.<sup>20</sup>

Some people become concerned when they hear that Social Security's annual cash surpluses are loaned to the U.S. Treasury. This is not a misuse of Social Security funds; rather, it is the procedure that has been required by law since the inception of the program. This procedure has the advantage of investing Social Security's reserves in one of the safest financial instruments available.<sup>21</sup> Regardless of how the government uses the cash, the Treasury securities held by the trust funds are a binding legal commitment for the Treasury to redeem the securities with interest when the money is needed to pay Social Security benefits. The promise to pay that is embodied in U.S. Treasury securities has never been broken.

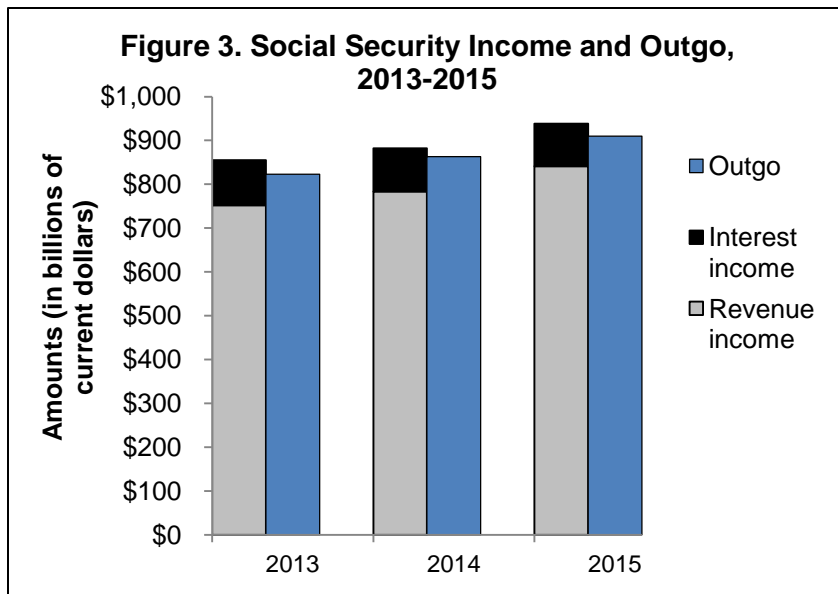


Source: Board of Trustees, 2014: Table VI.G4.

## What is the Social Security “cash flow” balance?

Discussions of “cash flow” balance calculate Social Security’s annual income and outgo without counting the interest on trust fund reserves. In recent years some media reports have stated that “Social Security has gone cash flow negative.” But the cash flow balance is not an accurate representation of the Social Security trust funds. In fact, the program had a \$32 billion surplus of total income over total outgo in 2013 and is projected to continue running surpluses until 2020.

Figure 3 shows Social Security’s annual income from revenues and interest and its annual outgo for 2013 and as projected for 2014 and 2015.



Source: Board of Trustees, 2014: Table VI.G8.

From a unified federal budget perspective, the interest owed to Social Security is an outflow from the non-Social Security budget to the Social Security trust fund. From a Social Security financing perspective, the interest earned on the reserves is an integral part of the program’s income. It is a legal obligation of the federal government to the Social Security system and its beneficiaries.

## How can policymakers address Social Security’s long-term shortfall?

Policymakers have many options to schedule additional revenues and/or reduce future benefits to keep the system in balance for the entire 75-year projection period (see the Academy’s report, *Fixing Social Security*).<sup>22</sup> For example, in 2012 the Academy conducted a national survey to find out how Americans would prefer to balance Social Security’s finances for the long term. The study, *Strengthening Social Security: What Do Americans Want?*, found that Americans would rather pay more than see benefits reduced.<sup>23</sup> In particular, more than 7 in 10 of those surveyed, across generations and income groups, preferred a package of changes that would raise revenues in two ways: by gradually eliminating the cap on taxable earnings and by gradually increasing the payroll tax rate from 6.2 percent to 7.2 percent. The preferred package would also increase the minimum benefit for low-paid workers with long work records, and adopt a COLA based on price increases experienced by seniors. This package of four changes would convert the program’s projected long-term revenue shortfall into a modest surplus, providing a margin of safety. Many other options exist.

## Conclusion

In the short term, legislation is needed to ensure that DI will continue to pay all benefits scheduled in law. A temporary reallocation of the existing 6.2 percent tax rate could strengthen DI and equalize the OASI and DI trust funds so that both funds can pay all legislated benefits until 2033. In the longer term, timely revenue increases and/or gradual benefit adjustments can bring the program into long-term balance, ensuring that Social Security will continue to pay all promised benefits for the next 75 years and beyond.

## Endnotes

<sup>1</sup> Social Security Administration (SSA), 2014a.

<sup>2</sup> Board of Trustees, 2014: Table IV.A3.

<sup>3</sup> SSA, 2014b; U.S. Census Bureau, 2014.

<sup>4</sup> U.S. Census Bureau, 2013.

<sup>5</sup> SSA, 2014b.

<sup>6</sup> SSA, 2014b.

<sup>7</sup> Preliminary data. SSA, 2014c.

<sup>8</sup> U.S. Department of Health and Human Services, 2014.

<sup>9</sup> SSA, 2014d: Table 9.A2.

<sup>10</sup> Reno, 2013.

<sup>11</sup> SSA, 2014e.

<sup>12</sup> SSA, 2014f: Table 6.B5.

<sup>13</sup> SSA, 2014e.

<sup>14</sup> These measures of actuarial solvency draw on work by Kenneth Buffin (2002). They compare the resources available to the program (beginning balance plus future revenues and interest) over a period of time to scheduled obligations over the same period. For this purpose,

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obligations do not include a target fund at the end of the period. The estimates are derived from information in Table IV.B4 of the Trustees Report.

<sup>15</sup> The combined increase is slightly higher than the actuarial deficit due to the assumed response of employees and employers to an increase in the contribution rate.

<sup>16</sup> Board of Trustees, 2014; Manchester, 2013.

<sup>17</sup> Ruffing and Van de Water, 2014.

<sup>18</sup> Reno, Walker, and Bethell, 2013.

<sup>19</sup> SSA, 2014a.

<sup>20</sup> U.S. Department of the Treasury, 2014: Tables FD-1 and FD-3.

<sup>21</sup> Van de Water, 2010.

<sup>22</sup> Reno and Lavery, 2009.

<sup>23</sup> Tucker, Reno, and Bethell, 2013.

## References

Board of Trustees. 2014. *Annual Report of the Board of Trustees of the Federal Old-Age and Survivors Insurance and Federal Disability Insurance Trust Funds*. Washington, DC: Social Security Administration.

Buffin, Kenneth G. 2002. "The U.S. Social Security System: Solvency and Sustainability." *Benefits & Compensation International*. Volume 34, Number 4. London, England: Pension Publications Limited.  
<http://www.buffinpartners.com/BufinNov02.pdf>.

Chaplain, Chris, Jason Schultz, and Daniel Nickerson. 2014. "Potential Reallocation of the Payroll Tax Rate Between the Disability Insurance (DI) Program and the Old-Age and Survivors Insurance (OASI) Program – INFORMATION." Memorandum to Alice Wade, July 28, 2014. Baltimore, MD: Social Security Administration, Office of the Chief Actuary.

Goss, Stephen C. 2014. "Strengthening Social Security to Meet the Needs of Tomorrow's Retirees." Testimony before the Senate Committee on Finance, Subcommittee on Social Security, Pensions, and Family Policy, May 21, 2014.  
[http://www.ssa.gov/oact/testimony/SenateFinance\\_20140521.pdf](http://www.ssa.gov/oact/testimony/SenateFinance_20140521.pdf)

Manchester, Joyce M. 2013. Testimony before the House Committee on Ways and Means, Subcommittee on Social Security, March 14, 2013. [http://waysandmeans.house.gov/UploadedFiles/Manchester\\_Testimony.pdf](http://waysandmeans.house.gov/UploadedFiles/Manchester_Testimony.pdf).

Reno, Virginia P. 2013. *What's Next for Social Security? Essential Facts for Action*. Washington, DC: National Academy of Social Insurance. [http://www.nasi.org/sites/default/files/research/Whats\\_Next\\_for\\_Social\\_Security\\_Oct2013.pdf](http://www.nasi.org/sites/default/files/research/Whats_Next_for_Social_Security_Oct2013.pdf).

Reno, Virginia P. and Joni Lavery. 2009. *Fixing Social Security: Adequate Benefits, Adequate Financing*. Washington, DC: National Academy of Social Insurance. [http://www.nasi.org/sites/default/files/research/Fixing\\_Social\\_Security.pdf](http://www.nasi.org/sites/default/files/research/Fixing_Social_Security.pdf)

Reno, Virginia P., Elisa A. Walker, and Thomas N. Bethell. 2013. *Social Security Disability Insurance: Action Needed to Address Finances*. Social Security Brief No. 41. Washington, DC: National Academy of Social Insurance.  
[http://www.nasi.org/sites/default/files/research/SS\\_Brief\\_041.pdf](http://www.nasi.org/sites/default/files/research/SS_Brief_041.pdf)

Ruffing, Kathy A., and Paul N. Van de Water. 2014. *Congress Needs to Boost Disability Insurance Share of Payroll Tax by 2016: Traditional Step Would Avert Trust Fund Depletion, Benefit Cuts*. Washington, DC: Center on Budget and Policy Priorities.  
<http://www.cbpp.org/files/7-16-14socsec.pdf>

Social Security Administration. 2014a. "Effective Interest Rates Earned By the Assets of the OASI and DI Trust Funds." Baltimore,

MD: Social Security Administration, Office of the Chief Actuary.  
[www.socialsecurity.gov/OACT/ProgData/effectiveRates.html](http://www.socialsecurity.gov/OACT/ProgData/effectiveRates.html)

Social Security Administration. 2014b. "Beneficiary Data: Number of Social Security recipients at the end of Jan. 2014." Baltimore, MD: Social Security Administration, Office of the Chief Actuary.  
[www.ssa.gov/cgi-bin/currentpay.cgi](http://www.ssa.gov/cgi-bin/currentpay.cgi).

Social Security Administration. 2014c. "Average OASDI family benefit amounts." Baltimore, MD: Social Security Administration, Office of the Chief Actuary. Received July 16, 2014 via personal communication.

Social Security Administration. 2014d. *Income of the Population 55 or Older, 2012*. Washington, DC: Social Security Administration, Office of Research, Evaluation, and Statistics.

Social Security Administration. 2014e. "Replacement Rates for Hypothetical Retired Workers." Baltimore, MD: Social Security Administration, Office of the Chief Actuary.  
[www.ssa.gov/OACT/NOTES/ran9/index.html](http://www.ssa.gov/OACT/NOTES/ran9/index.html).

Social Security Administration. 2014f. *Annual Statistical Supplement to the Social Security Bulletin, 2013*. Washington, DC: Social Security Administration, Office of Research, Evaluation, and Statistics.

Tucker, Jasmine V., Virginia P. Reno, and Thomas N. Bethell. 2013. *Strengthening Social Security: What Do Americans Want?* Washington, DC: National Academy of Social Insurance.  
[http://www.nasi.org/sites/default/files/research/What\\_Do\\_Americans\\_Want.pdf](http://www.nasi.org/sites/default/files/research/What_Do_Americans_Want.pdf)

U.S. Census Bureau. 2014. "Monthly Population Estimates for the United States: April 1, 2010 to December 1, 2014." Suitland, MD: U.S. Census Bureau, Population Division. <http://www.census.gov/popest/data/national/totals/2013/index.html>. Accessed March 24, 2014.

U.S. Census Bureau. 2013. Current Population Survey, 2013 Annual Social and Economic Supplement, "Table POV27: Source of Income By Ratio of Poverty Threshold for Families And Unrelated Individuals: 2012, All Families." Washington, DC: U.S. Census Bureau. [http://www.census.gov/hhes/www/cpstables/032013/pov/pov27\\_000.htm](http://www.census.gov/hhes/www/cpstables/032013/pov/pov27_000.htm).

U.S. Department of Health and Human Services. 2014. "2014 Poverty Guidelines." Washington, DC: HHS.  
<http://aspe.hhs.gov/poverty/14poverty.cfm>.

U.S. Department of the Treasury. 2014. *Treasury Bulletin, March 2014*. Washington, DC: Government Printing Office.  
<http://www.fms.treas.gov/bulletin/index.html>.

Van de Water, Paul N. 2010. *Understanding the Social Security Trust Funds*. Washington, DC: Center on Budget and Policy Priorities.

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