August 2, 2017
The Honorable Charlie Crist
United States House of Representatives
Washington, D.C. 20515
Dear Representative Crist:
I am writing in response to your request for estimates of the financial effects on Social Security of H.R. 1631, the "Save Social Security Act of 2017," which you introduced March 20, 2017. The estimates provided here reflect the intermediate assumptions of the 2016 Trustees Report. This Bill (hereafter referred to as the proposal) includes three provisions with direct effects on the Social Security Trust Funds. We have enjoyed working closely with Chris Fisher of your staff in developing estimates for this proposal. The estimates and analysis provided here reflect the combined effort of many in the Office of the Chief Actuary, but most particularly Karen Glenn, Christopher Chaplain, Daniel Nickerson, Kyle Burkhalter, Eugene Yang, Anna Kirjusina, and Tiffany Bosley.

The enclosed tables provide estimates of the effects of the three provisions on the cost, income, and combined trust fund reserves for the Old Age, Survivors, and Disability Insurance (OASDI) program, as well as estimated effects on retired worker benefit levels for selected hypothetical workers and effects on payroll tax levels. In addition, tables 1 b and 1 b. n provide estimates of the federal budget implications of the three provisions with direct effects on the OASDI program.

Assuming enactment of the proposal, the projected trust fund reserve depletion year for theoretical combined OASDI and DI Trust Funds would be extended to 2064. Under current law, the projected trust fund reserve depletion year for the combined trust funds is 2034.

The following list briefly identifies each of the three provisions of the proposal:

Section 2. Apply the combined OASDI payroll tax rate on earnings above \$300,000, effective for 2018 and later. Tax all earnings once the current-law taxable maximum exceeds $\$ 300,000$.

Section 3. Provide benefit credit on earnings taxed above the current-law taxable maximum. The primary insurance amount (PIA) would be augmented using an "AIME+" method.

Section 4. Replace the current-law thresholds for federal income taxation of OASDI benefits with a threshold of $\$ 100,000$ for single filers and married taxpayers filing jointly and a threshold of \$50,000 for married taxpayers filing separately, for taxation of up to 85 percent
of OASDI benefits, effective for tax year 2018. These thresholds would be fixed and not indexed to price inflation or average wage increase. The revenue from actual taxation of OASDI benefits will be less under this provision than under current law. However, the total revenue that would be allocated to the OASI, DI, and HI Trust Funds will be the same as if the current-law computation (in the absence of this provision) were applied including necessary supplemental transfers from the General Fund of the Treasury.

The balance of this letter provides a summary of the effects of the three provisions on the actuarial status of the OASDI program, our understanding of the specifications and intent of each of the three provisions, and descriptions of our detailed financial estimates for trust fund operations, benefit levels, and implications for the federal budget. See the "Specification for Provisions of the Proposal" section of this letter for a more detailed description of these three provisions.

## Summary of Effects of the Proposal on OASDI Actuarial Status

Figure 1 illustrates the projected OASDI Trust Fund ratio through 2090 under current law and assuming enactment of the proposal. The trust fund ratio is defined as the combined Social Security Trust Fund reserves expressed as a percent of annual program cost. Assuming enactment of the proposal, the combined Social Security Trust Fund reserves would deplete in 2064, 30 years later than the projected reserve depletion date under current law.

Figure 1. Current-Law and Proposal OASDI Trust Fund Reserves as Percent of Annual Cost: 2016 TR Intermediate Assumptions


Note: Trust Fund Ratio for a given year is the ratio of reserves in the combined Social Security Trust Fund at the beginning of the year to the cost of the program for the year.

Under current law, 79 percent of scheduled benefits are projected to be payable on a timely basis in 2034 after depletion of the combined trust fund reserves, with the percentage payable declining to 74 percent for 2090. Under the proposal, the OASDI program would be able to pay 100 percent of scheduled benefits through 2063, 92 percent in 2064 after combined trust fund reserve depletion, with the percentage payable declining to 88 percent in 2090.

Enactment of the three provisions of this proposal would reduce the long-range OASDI actuarial deficit from 2.66 percent of taxable payroll under current law to 0.66 percent of payroll under the proposal.

Figure 2 illustrates annual projected levels of cost, expenditures, and non-interest income as a percent of the current-law taxable payroll. The projected level of cost reflects the full cost of scheduled benefits under both current law and the proposal. Under the proposal, projected expenditures equal the full cost of scheduled benefits through 2063, but are lower than scheduled benefits in 2064 and later after Trust Fund reserves deplete.

Figure 2. Proposal and Current-Law Cost, Expenditures, and Non-Interest Income as Percent of Taxable Payroll: 2016 TR Intermediate Assumptions


OASDI program annual cost under the proposal is higher than under current law by at least 0.01 percent of payroll, starting in 2029. This difference between proposal and current-law cost increases gradually to 0.1 percent of current-law payroll for 2090. Beginning in 2018, noninterest income under the proposal is projected to be higher than under current law. This difference between proposal and current-law income increases from 1.2 percent of current-law payroll for 2018 to 2.3 percent of payroll for 2039, and thereafter increases very gradually, reaching 2.4 percent of payroll for 2090. For 2018 and later, the proposal improves the annual balance (non-interest income minus program cost).

It is also useful to consider the projected cost, expenditures, and income for the OASDI program expressed as a percentage of Gross Domestic Product (GDP). Figure 3 illustrates these levels under both current law and the proposal.

Figure 3. Proposal and Current-Law Cost, Expenditures, and Non-Interest Income as Percent of GDP: 2016 TR Intermediate Assumptions


## Specification for Provisions of the Proposal

Section 2. Apply the combined OASDI payroll tax rate on earnings above \$300,000, effective for 2018 and later.

This provision applies the OASDI payroll tax rate to earnings above \$300,000 in 2018 and later. The $\$ 300,000$ level is a fixed amount after 2018 and not indexed to the average wage increase. All earnings would be taxed once the current-law taxable maximum exceeds $\$ 300,000$, which is projected to occur in 2040.

We estimate that enactment of this provision alone would reduce the long-range OASDI actuarial deficit by 2.08 percent of taxable payroll and would reduce the annual deficit for the 75th projection year (2090) by 2.45 percent of payroll.

Section 3. Provide benefit credit for earnings taxed above the current-law taxable maximum.

Under this provision, the primary insurance amount (PIA) would be determined in two components. The first component would be computed exactly as under current law, based on the average indexed monthly earnings (AIME), limited to earnings up to the level of the current-law OASDI taxable maximum ( $\$ 118,500$ for 2016) for each year. The second component of the PIA
would be computed using the "AIME+", which would be equal to the sum of the indexed earnings in excess of the current-law taxable maximum for the 35 years with the highest indexed excess amounts, divided by 420. This second PIA component would be equal to 3 percent of the AIME+.

We estimate that enactment of this provision (assuming enactment of Section 2) would increase the long-range OASDI actuarial deficit by 0.08 percent of taxable payroll and would increase the annual deficit for the $75^{\text {th }}$ projection year (2090) by 0.18 percent of payroll. Sections 2 and 3 combined would decrease the long-range OASDI actuarial deficit by 2.00 percent of taxable payroll and would decrease the annual deficit for the $75^{\text {th }}$ projection year (2090) by 2.28 percent of payroll.

Section 4. Replace the current-law thresholds for federal income taxation of OASDI benefits with a threshold of $\$ 100,000$ for single filers and married taxpayers filing jointly and a threshold of \$50,000 for married taxpayers filing separately, for taxation of up to 85 percent of OASDI benefits, effective for tax year 2018.

Under current law, single tax filers with combined "income" (approximately equal to adjusted gross income plus non-taxable interest income and one-half of their Social Security benefit) greater than $\$ 25,000$ may have to pay income tax on up to 50 percent of their Social Security benefits. If combined "income" exceeds $\$ 34,000$, up to 85 percent of benefits may be taxable. For married filing separate taxpayers, the "income" threshold is zero. The income tax revenue for taxing up to 50 percent of Social Security benefits is credited to the OASI and DI Trust Funds. The additional income tax revenue derived from taxing benefits in excess of 50 percent, up to 85 percent, is credited to the Hospital Insurance (HI) Trust Fund. The process is similar for joint tax filers, with $\$ 32,000$ and $\$ 44,000$ thresholds applying for possible taxation of up to 50 percent or 85 percent of the Social Security benefits, respectively. All threshold levels are fixed amounts and not indexed to price inflation or average wage increase.

Under the proposal, the separate current-law income thresholds for taxing up to 50 percent and up to 85 percent of benefits for each type of filer would be replaced with a single threshold. For single filers and married taxpayers filing jointly, the current-law thresholds would be replaced with a threshold of $\$ 100,000$ for taxing up to 85 percent of OASDI benefits, beginning for tax year 2018. For married taxpayers filing separately, the income threshold for taxing up to 85 percent of benefits would be $\$ 50,000$ for tax year 2018. These new thresholds would be unchanged for tax years after 2018.

Because all income thresholds are higher than under current law, individuals will in aggregate pay less in taxation of Social Security benefits. However, under this section of the bill, the OASI, DI, and HI Trust Funds will receive the same total revenue as if the current law taxation-of-benefits computation applied, with transfers from the General Fund of the Treasury making up the difference in revenue.

We estimate that enactment of this provision alone would have no effect on OASDI finances. However, because aggregate taxation of benefit revenues from individual taxpayer returns will be lower under the proposal, annual reductions in both the unified budget and the on-budget
balances would result. These effects on the federal government budget accounts are included in tables 1 b and 1 b .n of the memo, as discussed later.

## Detailed Financial Results for the Provisions of the Proposal

## Summary Results by Provision

Table A provides estimates of the effects on the OASDI long-range actuarial balance of the three provisions of the proposal separately and on a combined basis. The table also includes estimates of the effect of the provisions on the annual balance (the difference between income rate and the cost rate, expressed as a percent of current-law taxable payroll) for the $75^{\text {th }}$ projection year, 2090. Interaction among individual provisions is reflected only in the total estimates for the combined provisions.

## Benefit Illustrations

Tables B1 and B2 provide illustrative examples of the projected change in benefit levels under the provisions of the proposal for beneficiaries retiring and starting benefit receipt at age 65 in future years at six selected earnings levels, with selected numbers of years of work. Table B3 provides additional important information on characteristics of retired workers represented by these illustrations for the year 2007. The hypothetical workers represented in these tables reflect average career-earnings patterns of workers who started receiving retirement benefits under the Social Security program in recent years. The tables subdivide workers with very low, low, and medium career-average earnings levels by their numbers of years of non-zero earnings.

The "Maximum-AIME Steady Earner" is assumed to have earnings at ages 22 through 64 that equal the current-law taxable maximum level (equivalent to $\$ 118,500$ for 2016) and the "Twice Maximum-AIME Steady Earner" is assumed to have earnings at ages 22 through 64 that equal twice the current-law taxable maximum level (equivalent to $\$ 237,000$ for 2016). As a result, the provision to tax and credit earnings above the current-law taxable maximum affects only the "Twice Maximum-AIME Steady Earner" benefit level.

The first several columns of Table B1 compare the initial scheduled benefit levels, assuming retirement at age 65 under the provisions of the proposal, to scheduled current-law benefit levels. Scheduled benefit amounts under the proposal are the same as those scheduled in current law except for the Twice Maximum steady earner, which reflect additional benefit credit for earnings taxed above the current-law taxable maximum. The final three columns of this table show the level of scheduled benefits under the proposal as a percentage of current-law scheduled benefits, the level of scheduled benefits under the proposal as a percentage of current-law payable benefits, and the level of payable benefits under the proposal as a percentage of current-law payable benefits, respectively. Because combined OASDI Trust Fund reserves deplete in 2064 under the proposal, the proposal payable to current law payable column is lower in 2080 than in 2050.

Table B2 compares the change in scheduled benefit levels at ages 65, 75,85 , and 95 under the proposal to scheduled benefits under current law, assuming retirement and start of benefit receipt at age 65. Table B2 shows that, for all earnings levels, projected scheduled benefits under the
provisions of the proposal are the same except for the Twice Maximum-AIME steady earner, which shows increases from additional benefits from additional earnings taxed that are steady across ages for a single birth cohort. Benefits increase at a higher percentage for later birth cohorts, as the taxable maximum provision takes full effect.

Table B3 provides information helpful in interpreting the benefit illustrations in Tables B1 and B2. Percentages in Table B3 are based on tabulations from a 10-percent sample of newlyentitled retired workers in 2007. Table B3 displays the percentages of these newly-entitled retired workers in 2007 that are closest to each of the illustrative examples and are:

1) "Dually Entitled", meaning they received a higher spouse or widow(er) benefit based on the career earnings of their husband or wife,
2) "WEP" (Windfall Elimination Provision), meaning that they received a reduced benefit due to having a pension based on earnings that were not covered under the OASDI program (primarily certain government workers), and they had less than 30 years of substantial earnings that were taxable under the OASDI program,
3) "Foreign Born", meaning that they entered the Social Security coverage area after birth (and generally after entering working ages), and
4) "All Others", meaning they had none of the three characteristics listed above.

The extent to which retired-worker beneficiaries represented by each of the illustrative examples have any of the characteristics listed above (dually entitled, WEP, foreign born) is important because such individuals are less dependent on the OASDI benefit that relates to their own career-average earnings level. It should be noted that the distributions shown in Table B3 for retirees in 2007 will be changing somewhat for beneficiaries becoming entitled as retired-worker beneficiaries in the future.

## Payroll Tax Effects

Table T compares the scheduled payroll tax levels under the provisions of the proposal to scheduled current-law payroll tax levels at various earnings levels for selected years. Under the proposal, the payroll tax rate of 12.4 percent would apply to all covered earnings above the current-law taxable maximum in 2040 and later. As a result, the worker with earnings at twice the current-law taxable maximum would have payroll tax liability increased by about 59 percent for 2030, and by 100 percent for 2050 and 2080. All other workers shown in the table earn at or below the current law taxable maximum, so their payroll tax liability would not change.

## Detailed Tables Containing Annual and Summary Projections

Enclosed with this letter are tables 1, 1a, 1b, 1b.n, 1c, and 1d, which provide annual and summary projections for the proposal.

## Trust Fund Operations

Table 1 provides projections of the financial operations of the OASDI program and shows that the combined Social Security Trust Fund would deplete in 2064 assuming enactment of this proposal. The table shows the annual cost and income rates, annual balances, and trust fund
ratios (reserves as percent of annual program cost) for OASDI, as well as the change from current law in these cost rates, income rates, and annual balances. Included at the bottom of this table are summarized rates for the 75 -year (long-range) period.

For 2018 and later, the proposal improves the annual balance (non-interest income minus program cost). The improvement in the annual balance increases from 1.2 percent of current-law payroll for 2018 to 2.3 percent for 2039 and thereafter increases very gradually. Under the proposal, the annual deficit declines from 1.1 percent of current-law payroll for 2016 and becomes positive for 2018 through 2021. The annual balance becomes negative again in 2022 and decreases to 1.3 percent in 2033. The annual deficit then declines to 0.8 percent in 2050 and generally increases thereafter, reaching 2.1 percent for 2090. Under current law, the projected annual deficit for 2090 is 4.3 percent of payroll.

The actuarial balance for the OASDI program over the 75-year projection period is improved by 2.00 percent of taxable payroll, from an actuarial deficit of 2.66 percent of payroll under current law to a deficit of 0.66 percent of taxable payroll under the proposal.

## Program Transfers and Trust Fund Reserves

For this proposal, Columns 1 through 3 of Table 1a show specified general fund transfers that occur to keep the OASDI Trust Funds in the same position as under current law with respect to taxation of benefits revenues (Section 4 of the bill). Column 4 provides a projection of the level of reserves for the combined Social Security Trust Fund, assuming enactment of the three Social Security provisions of the proposal. These trust fund reserve amounts are expressed in present value dollars discounted to January 1, 2016. For purpose of comparison, the OASDI Trust Fund reserves, expressed in present value dollars, are also shown for the current-law Social Security program both without and with the added proposal general fund transfers in columns 6 and 7.

Note that negative values in columns 6 and 7 represent the "unfunded obligation" for the program through the year. The unfunded obligation is the present value of the shortfall of revenue needed to pay full scheduled benefits on a timely basis from the date of trust fund reserve depletion through the end of the indicated year. Gross Domestic Product (GDP), expressed in present value dollars, is shown in column 5 for comparison with other values in the table.

## Effect of the Social Security Provisions on the Federal Budget

Table 1b shows the projected effect, in present value discounted dollars, on the federal budget (unified-budget and on-budget) annual cash flows and balances, assuming enactment of the three Social Security provisions of the proposal. Table 1b.n provides the estimated nominal dollar effect of enactment of the proposal on annual budget balances for years 2016 through 2026. All values in these tables represent the amount of change from the level projected under current law.

Changes in this table reflect the budget scoring convention that presumes benefits, not payable under the law after depletion of trust fund reserves, would still be paid using revenue provided from the General Fund of the Treasury. The reader should be cautioned that this presumption of
payment of benefits beyond the resources of the trust funds is prohibited under current law and is also inconsistent with all past experience under the Social Security program.

Column 1 of Table 1b shows the added proposal general fund transfers to the OASI and DI Trust Funds, relative to Section 4 of the bill with respect to taxation of benefits revenues. Column 2 shows the net changes in OASDI cash flow from the other provisions of the proposal.

Columns 3-5 show the effect of the proposal on the unified budget. We project the net effect of the proposal on unified budget cash flow (column 3) to be positive in years 2018 and later. The additional earnings taxed above the current law taxable maximum more than offsets (1) the additional benefits from these additional earnings taxed, and (2) the loss in taxation of benefit revenue to the OASI, DI, and HI Trust Funds from individual taxpayers.

Column 4 of Table 1b indicates that the effect of implementing the proposal is a reduction of the theoretical federal debt held by the public, reaching about $\$ 7.9$ trillion in present value at the end of the 75-year projection period. Column 5 provides the projected effect of the proposal on the annual unified budget balances, including both the cash flow effect in column 3 and the additional interest on the accumulated debt in column 4.

Columns 6 and 7 show the effects of the proposal for the "on-budget" portion of the Federal government (the entire Federal budget excluding the financial operations of the Social Security Trust Fund and the Postal Service). On-budget effects shown for this proposal include the replacement of the reductions in the amount of revenue to the OASI, DI, and HI Trust Funds from taxation of Social Security benefits under the proposal compared to current law, with transfers from the General Fund of the Treasury.

The tables do not include any indirect effects to other governmental expenditures (such as Supplemental Security Income) arising from the provisions of the bill.

It is important to note that we base these estimates on the intermediate assumptions of the 2016 Trustees Report, so these estimates are not consistent with estimates made by the Office of Management and Budget or the Congressional Budget Office based on their assumptions. In particular, all present values are discounted using trust fund yield assumptions under the intermediate assumptions of the 2016 Trustees Report.

## Annual Trust Fund Operations as a Percent of GDP

Table 1c provides annual cost, annual expenditures (amount that would be payable), and annual tax income for the OASDI program expressed as a percentage of GDP for both current law and assuming enactment of the three Social Security provisions of the proposal. Showing the annual trust fund cash flows as a percent of GDP provides an additional perspective on these trust fund operations in relation to the total value of goods and services produced in the United States. The relationship between income and cost is similar when expressed as a percent of GDP to that when expressed as a percent of taxable payroll (Table 1).

## Effects on Trust Fund Reserves and Unfunded Obligations

Table 1d provides estimates of the changes in trust fund reserves and unfunded obligations on an annual basis. Values in this table are expressed in present value dollars discounted to January 1, 2016.

For the 75-year (long-range) period as a whole, the current-law unfunded obligation of $\$ 11.4$ trillion is reduced to $\$ 2.2$ trillion in present value. This change of $\$ 9.1$ trillion results from:

- A $\$ 9.3$ trillion net increase in revenue (column 2), primarily from additional payroll tax revenue, minus
- A $\$ 0.2$ trillion net increase in cost (column 3), due primarily to additional benefits from earnings taxed above the current-law taxable maximum.

We hope these estimates are helpful. Please let me know if we may provide further assistance.

Sincerely,


Stephen C. Goss, ASA, MAAA
Chief Actuary

## Enclosures

## Table A—Estimated Long-Range OASDI Financial Effects of H.R. 1631, the Save Social Security Act of 2017, introduced by Representative Crist

| Provision | Estimated Change in Long-Range OASDI Actuarial Balance ${ }^{1}$ (as a percent of payroll) | Estimated Change in Annual Balance in $75^{\text {th }}$ year ${ }^{2}$ <br> (as a percent of payroll) |
| :---: | :---: | :---: |
| Section 2 and Section 3) Apply the OASDI payroll tax rate on covered earnings above $\$ 300,000$ paid in 2018 and later, and tax all covered earnings once the current-law taxable maximum exceeds $\$ 300,000$. Credit the additional earnings taxed for benefit purposes by: (a) calculating a second average indexed monthly earnings ("AIME+") reflecting only earnings taxed above the current-law taxable maximum, (b) applying a 3 percent factor on this newly computed "AIME+" to develop a second component of the PIA, and (c) adding this second component to the current-law AIME + $\qquad$ | 2.00 | 2.2 |
| Section 4) Replace the current-law thresholds for taxation of OASDI benefits with the following: for single filers and married taxpayers filing jointly the income threshold would be $\$ 100,000$ for taxing up to 85 percent of benefits, and for married taxpayers filing separately the income threshold would be $\$ 50,000$ for taxing up to 85 percent of benefits, effective for tax year 2018. These thresholds would be fixed and not indexed to price inflation or average wage increase. Total revenue from taxation of benefits that would be allocated to the OASI, DI, and HI Trust Funds would be the same as if the current-law computation (in the absence of this provision) applied. Transfers from the General Fund of the Treasury to the OASI, DI, and HI Trust Funds would make up the difference in revenue.. |  |  |
| Total for all provisions, including interaction ............... | 2.00 | 2.28 |
| ${ }^{1}$ Under current law, the estimated long-range OASDI actuarial balance is -2.66 percent of taxable payroll. <br> ${ }^{2}$ Under current law, the estimated $75{ }^{\text {th }}$ year annual balance is -4.35 percent of taxable payroll. <br> ${ }^{3}$ Estimated change in actuarial balance that is negligible; that is, between -0.005 and 0.005 percent of taxable payroll. ${ }^{4}$ Estimated change in $75^{\text {th }}$ year annual balance that is negligible; that is, between -0.005 and 0.005 percent of taxable payroll. |  |  |
| Notes: All estimates are based on the intermediate assumptions of the 2016 OASDI Trustees Report. <br> Estimates of individual provisions appear on a stand-alone basis relative to current law, unless otherwise stated. |  |  |

Estimated Change in Annual Balance in $75^{\text {th }}$ year ${ }^{2}$ as a percent of payroll)

Section 2 and Section 3) Apply the OASDI payroll tax rate on covered earnings above $\$ 300,000$ paid in 2018 and later, and tax all covered earnings once the current-law taxable maximum exceeds $\$ 300,000$. Credit the additional earnings taxed for benefit purposes by: (a) calculating a second average indexed monthly earnings ("AIME+") reflecting only earnings taxed above the current-law taxable maximum, (b) applying a 3 percent factor on this newly computed "AIME+" to develop a second component of the PIA, and (c) adding this second component to the current-law AIME + 2.00 2.28

Section 4) Replace the current-law thresholds for taxation of OASDI benefits with the following: for single filers and married taxpayers filing jointly the income threshold would be $\$ 100,000$ for taxing up to 85 percent of benefits, and for married taxpayers filing separately the income threshold would be $\$ 50,000$ for taxing up to 85 percent of benefits, effective for tax year 2018. These thresholds would be fixed and not indexed to price inflation or average wage increase. Total revenue from taxation of benefits that would be allocated to the OASI, DI, and HI Trust Funds would be the same as if the current-law computation (in the absence of this provision) applied. Transfers from the General Fund of the Treasury to the OASI, DI, and HI Trust Funds would make up the difference in revenue.
${ }^{1}$ Under current law, the estimated long-range OASDI actuarial balance is -2.66 percent of taxable payroll.
${ }^{2}$ Under current law, the estimated $75{ }^{\text {th }}$ year annual balance is -4.35 percent of taxable payroll.
Estimated change in actuanal balance that is negligle, hat is, between - 0.005 and 0.005 percent of taxable payrol. payroll.

Notes: All estimates are based on the intermediate assumptions of the 2016 OASDI Trustees Report.
Estimates of individual provisions appear on a stand-alone basis relative to current law, unless otherwise stated.

Table B1. Changes in Benefits for Hypothetical Workers Beginning Benefit Receipt at age 65 H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist

| Year <br> Attain <br> Age 65 | Current Law Scheduled |  | Scheduled Benefit Level Percent Change at age 65 |  | Benefit Ratios |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Proposal Scheduled to | Proposal Scheduled to | Proposal <br> Payable to |
|  | Monthly Benefits ${ }^{4}$ |  |  |  | Benefit |  | Current Law | Current Law | Current Law |
|  | (Wage-Indexed | (CPI-Indexed | Formula ${ }^{5}$ | $\underline{\text { Total }}{ }^{6}$ | Scheduled | Payable | Payable |
|  | 2015 Dollars) | 2015 Dollars) |  | (Percent change) |  | (Percents) |  |
| Very-Low-AIME (\$12,280 for 2016 ${ }^{\mathbf{1}}$ ) 30-Year Scaled Earner (8.9\% of Retirees ${ }^{\mathbf{2}}$ ) |  |  |  |  |  |  |  |
| 2016 | 718 | 718 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 660 | 812 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 661 | 1,036 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 665 | 1,469 | 0.0 | 0.0 | 100 | 133 | 118 |
| Very-Low-AIME (\$12,280 for 2016 ${ }^{\mathbf{1}}$ ) 20-Year Scaled Earner (5.2\% of Retirees ${ }^{2}$ ) |  |  |  |  |  |  |  |
| 2016 | 718 | 718 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 660 | 812 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 661 | 1,036 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 665 | 1,469 | 0.0 | 0.0 | 100 | 133 | 118 |
| Very-Low-AIME (\$12,280 for 2016 ${ }^{1}$ ) 14-Year Scaled Earner (4.2\% of Retirees ${ }^{\mathbf{2}}$ ) |  |  |  |  |  |  |  |
| 2016 | 718 | 718 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 660 | 812 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 661 | 1,036 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 665 | 1,469 | 0.0 | 0.0 | 100 | 133 | 118 |
| Low-AIME (\$22,105 for 2016 ${ }^{1}$ ) 44-Year Scaled Earner (16.9\% of Retirees ${ }^{2}$ ) |  |  |  |  |  |  |  |
| 2016 | 940 | 940 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 863 | 1,062 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 865 | 1,356 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 869 | 1,921 | 0.0 | 0.0 | 100 | 133 | 118 |
| Low-AIME (\$22,105 for 2016 ${ }^{\mathbf{1}}$ ) 30-Year Scaled Earner (4.4\% of Retirees ${ }^{\mathbf{2}}$ ) |  |  |  |  |  |  |  |
| 2016 | 940 | 940 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 863 | 1,062 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 865 | 1,356 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 869 | 1,921 | 0.0 | 0.0 | 100 | 133 | 118 |
| Low-AIME (\$22,105 for 2016 ${ }^{\mathbf{1}}$ ) 20-Year Scaled Earner ( $\mathbf{2} \mathbf{~ 2 \%}$ \% of Retirees ${ }^{\mathbf{2}}$ ) |  |  |  |  |  |  |  |
| 2016 | 940 | 940 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 863 | 1,062 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 865 | 1,356 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 869 | 1,921 | 0.0 | 0.0 | 100 | 133 | 118 |
| Medium-AIME (\$49,121 for 2016 ${ }^{1}$ ) 44-Year Scaled Earner (29.2\% of Retirees ${ }^{2}$ ) |  |  |  |  |  |  |  |
| 2016 | 1,548 | 1,548 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 1,423 | 1,750 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 1,425 | 2,234 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 1,433 | 3,166 | 0.0 | 0.0 | 100 | 133 | 118 |
| Medium-AIME (\$49,121 for 2016 ${ }^{\mathbf{1}}$ ) 30-Year Scaled Earner (3.2\% of Retirees ${ }^{\text {2 }}$ ) |  |  |  |  |  |  |  |
| 2016 | 1,548 | 1,548 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 1,423 | 1,750 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 1,425 | 2,234 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 1,433 | 3,166 | 0.0 | 0.0 | 100 | 133 | 118 |
| High-AIME (\$78,594 for 2016 ${ }^{\mathbf{1}}$ ) 44-Year Scaled Earner (19.8\% of Retirees ${ }^{\text {2 }}$ ) |  |  |  |  |  |  |  |
| 2016 | 2,053 | 2,053 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 1,885 | 2,319 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 1,888 | 2,960 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 1,899 | 4,195 | 0.0 | 0.0 | 100 | 133 | 118 |
| Maximum-Current-Law-AIME (\$118,500 for 2016 ${ }^{1}$ ) 43-Year Steady Earner (6.3\% of Retirees ${ }^{2}$ ) |  |  |  |  |  |  |  |
| 2016 | 2,492 | 2,492 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 2,308 | 2,839 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2050 | 2,309 | 3,622 | 0.0 | 0.0 | 100 | 125 | 125 |
| 2080 | 2,317 | 5,119 | 0.0 | 0.0 | 100 | 133 | 118 |
| Twice Maximum-Current-Law-AIME (\$237,000 for 2016 ${ }^{1}$ ) 43-Year Steady Earner ${ }^{3}$ |  |  |  |  |  |  |  |
| 2016 | 2,492 | 2,492 | 0.0 | 0.0 | 100 | 100 | 100 |
| 2030 | 2,308 | 2,839 | 0.8 | 0.8 | 101 | 101 | 101 |
| 2050 | 2,309 | 3,622 | 6.0 | 6.0 | 106 | 133 | 133 |
| 2080 | 2,317 | 5,119 | 10.2 | 10.2 | 110 | 147 | 131 |

Average of highest 35 years of taxable earnings wage indexed to 2016. For the Maximum and Twice Maximum-Current-Law-AIME workers, we show one times and two times the 2016 taxable maximum, respectively.
Projected percent of new retired worker awards in 2050 with current-law AIME levels and years of covered earnings closest to AIME levels and years of covered earnings shown.
If all earnings were considered, unlimited by annual taxable maximums, then about 1.5 percent of all retirees would have an AIME closer to Twice Maximum-Current-Law than Maximum-Current-Law.
${ }^{4}$ After the trust fund reserves deplete under current law continuing taxes are expected to be enough to pay about three fourths of scheduled benefits.
Starting in 2018, apply the OASDI payroll tax rate on earnings above $\$ 300,000$, and tax all earnings once the current-law taxable maximum exceeds $\$ 300,000$. Credit the additional earnings for benefit purposes by: (a) calculating a second average indexed monthly earnings ("AIME+") reflecting only earnings taxed above the current law taxable maximum, (b) applying a 3 percent factor on this newly computed "AIME+" to develop a second component of the PIA, and (c) adding this second component to the first PIA component.
${ }^{6}$ This analysis reflects only the provisions of the proposal identified in the table and described in the footnotes above.
All estimates based on the intermediate assumptions of the 2016 Trustees Report.

| Table B2. Changes in Benefits for Hypothetical Workers Beginning Benefit Receipt at age 65 H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Proposal Scheduled Benefit as Percent of Current Law Scheduled |  |  |  |  |
| Year <br> Attain |  |  |  |  |
| Age 65 | Age 65 | $\text { Age } 75$ | $\text { Age } 85$ | Age 95 |
| Very-Low-AIME (\$12,280 for 2016 ${ }^{1}$ ) 30-Year Scaled Earner ( $\mathbf{8 . 9 \%}$ of Retirees ${ }^{2}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Very-Low-AIME (\$12,280 for 2016 ${ }^{\mathbf{1}}$ ) 20-Year Scaled Earner (5.2\% of Retirees ${ }^{\text {2 }}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Very-Low-AIME (\$12,280 for 2016 ${ }^{\mathbf{1}}$ ) 14-Year Scaled Earner (4.2\% of Retirees ${ }^{\text {2 }}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Low-AIME (\$22,105 for 2016 ${ }^{1}$ ) 44-Year Scaled Earner (16.9\% of Retirees ${ }^{2}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Low-AIME (\$22,105 for 2016 ${ }^{\mathbf{1}}$ ) 30-Year Scaled Earner (4.4\% of Retirees ${ }^{\mathbf{2}}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Low-AIME (\$22,105 for 2016 ${ }^{\mathbf{1}}$ ) 20-Year Scaled Earner ( $\mathbf{2 . 0 \%}$ of Retirees ${ }^{\mathbf{2}}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Medium-AIME (\$49,121 for 2016 ${ }^{1}$ ) 44-Year Scaled Earner (29.2\% of Retirees ${ }^{2}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Medium-AIME (\$49,121 for 2016 ${ }^{\mathbf{1}}$ ) 30-Year Scaled Earner (3.2\% of Retirees ${ }^{\mathbf{2}}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| High-AIME (\$78,594 for 2016 ${ }^{1}$ ) 44-Year Scaled Earner (19.8\% of Retirees ${ }^{2}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Maximum-Current-Law-AIME (\$118,500 for 2016 ${ }^{1}$ ) 43-Year Steady Earner (6.3\% of Retirees ${ }^{2}$ ) |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2050 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2080 | 100.0 | 100.0 | 100.0 | 100.0 |
| Twice Maximum-Current-Law-AIME (\$237,000 for 2016 ${ }^{1}$ ) 43-Year Steady Earner ${ }^{3}$ |  |  |  |  |
| 2016 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2030 | 100.8 | 100.8 | 100.8 | 100.8 |
| 2050 | 106.0 | 106.0 | 106.0 | 106.0 |
| 2080 | 110.2 | 110.2 | 110.2 | 110.2 |
| ${ }^{1}$ Average of highest 35 years of taxable earnings wage indexed to 2016. For the Maximum and Twice Maximum-Current-Law-AIME workers, we show one times and two times the taxable maximum, respectively. <br> ${ }^{2}$ Projected percent of new retired worker awards in 2050 with current-law AIME levels and years of covered earnings closest to AIME levels and years of covered earnings shown. ${ }^{3}$ If all earnings were considered, unlimited by annual taxable maximums, then about 1.5 percent of all retirees would have an AIME closer to Twice Maximum-Current-Law than Maximum-Current-Law. |  |  |  |  |
| Other Changes: <br> - Starting in 2018, apply the OASDI payroll tax rate on earnings above $\$ 300,000$, and tax all earnings once the current-law taxable maximum exceeds $\$ 300,000$. Credit the additional earnings for benefit purposes by: (a) calculating a second average indexed monthly earnings ("AIME+") reflecting only earnings taxed above the current law taxable maximum, (b) applying a 3 percent factor on this newly computed "AIME+" to develop a second component of the PIA, and (c) adding this second component to the first PIA component. <br> - This analysis reflects only the provisions of the proposal identified in the table and described above. |  |  |  |  |
| All estimates based on the intermediate assumptions of the 2016 Trustees Report. |  |  |  |  |
| Office of the Chief Actuary, Social Security Administration August 2, 2017 |  |  |  |  |

Table B3. Important Characteristics of Hypothetical Workers in 2007

Percent of Beneficiaries Within Each Category That Are:



Table 1 - OASDI Cost Rate, Income Rate, Annual Balance, and Trust Fund Ratio H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist


Table 1a - General Fund Transfers, OASDI Trust Fund Reserves, and Theoretical OASDI Reserves
H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist

|  | Proposal General Fund Transfers |  |  | Present Value in Billions as of 1-1-2016 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Present Value in Billions as of 1-1-2016 |  |  |  Present Value <br> Proposal  <br> Total OASDI  <br> Trust Fund  <br> Reserves Gross Domestic <br> at End of Year ${ }^{2}$ Product |  | Theoretical Social Security ${ }^{1}$ with Borrowing Authority |  |
|  |  |  |  | Net OASDI Trust Fund Reserves at End of Year |
|  | Percentage | Annual | Accumulated as of |  |  | Without General | With Plan General |
| Calendar | of Payroll | Amounts | End of Year |  |  | Fund Transfers | Fund Transfers |
| Year | (1) | (2) | (3) |  |  | (4) | (5) | (6) | (7) |
| 2016 | 0.0 | 0.0 | 0.0 | 2,741.0 | 18,368.5 | 2,741.0 | 2,741.0 |
| 2017 | 0.0 | 0.0 | 0.0 | 2,687.5 | 18,780.3 | 2,687.5 | 2,687.5 |
| 2018 | 0.3 | 22.0 | 22.0 | 2,710.2 | 19,199.4 | 2,625.9 | 2,647.9 |
| 2019 | 0.3 | 22.6 | 44.6 | 2,731.9 | 19,590.0 | 2,554.4 | 2,599.0 |
| 2020 | 0.3 | 23.1 | 67.7 | 2,746.9 | 19,948.3 | 2,471.7 | 2,539.4 |
| 2021 | 0.3 | 23.5 | 91.2 | 2,756.2 | 20,275.2 | 2,378.9 | 2,470.1 |
| 2022 | 0.3 | 24.0 | 115.2 | 2,753.7 | 20,546.2 | 2,270.6 | 2,385.8 |
| 2023 | 0.3 | 24.4 | 139.6 | 2,734.5 | 20,765.2 | 2,142.4 | 2,282.0 |
| 2024 | 0.3 | 24.7 | 164.3 | 2,699.3 | 20,965.2 | 1,994.9 | 2,159.2 |
| 2025 | 0.3 | 24.9 | 189.2 | 2,646.9 | 21,141.0 | 1,827.2 | 2,016.4 |
| 2026 | 0.3 | 24.9 | 214.1 | 2,584.5 | 21,283.5 | 1,645.4 | 1,859.6 |
| 2027 | 0.3 | 24.6 | 238.8 | 2,512.7 | 21,355.9 | 1,450.6 | 1,689.3 |
| 2028 | 0.3 | 24.2 | 263.0 | 2,433.1 | 21,346.6 | 1,244.3 | 1,507.3 |
| 2029 | 0.3 | 23.6 | 286.6 | 2,346.7 | 21,259.6 | 1,028.4 | 1,315.0 |
| 2030 | 0.3 | 22.9 | 309.5 | 2,255.5 | 21,099.1 | 804.8 | 1,114.3 |
| 2031 | 0.3 | 22.1 | 331.6 | 2,160.9 | 20,898.2 | 575.3 | 906.9 |
| 2032 | 0.3 | 21.2 | 352.8 | 2,064.3 | 20,696.5 | 341.0 | 693.9 |
| 2033 | 0.3 | 20.3 | 373.2 | 1,967.5 | 20,500.4 | 103.7 | 476.9 |
| 2034 | 0.3 | 19.5 | 392.6 | 1,872.5 | 20,306.0 | -134.7 | 257.9 |
| 2035 | 0.3 | 18.6 | 411.2 | 1,781.0 | 20,116.5 | -372.8 | 38.4 |
| 2036 | 0.2 | 17.8 | 429.0 | 1,691.3 | 19,925.6 | -612.3 | -183.3 |
| 2037 | 0.2 | 17.0 | 445.9 | 1,604.6 | 19,743.3 | -852.1 | -406.2 |
| 2038 | 0.2 | 16.2 | 462.1 | 1,523.0 | 19,571.8 | -1,090.4 | -628.3 |
| 2039 | 0.2 | 15.4 | 477.5 | 1,447.9 | 19,401.7 | -1,326.1 | -848.5 |
| 2040 | 0.2 | 14.7 | 492.2 | 1,375.6 | 19,234.9 | -1,558.1 | -1,065.9 |
| 2041 | 0.2 | 13.9 | 506.1 | 1,305.9 | 19,071.7 | -1,786.1 | -1,280.0 |
| 2042 | 0.2 | 13.2 | 519.3 | 1,238.7 | 18,908.8 | -2,010.0 | -1,490.7 |
| 2043 | 0.2 | 12.6 | 531.9 | 1,174.2 | 18,751.3 | -2,229.8 | -1,697.8 |
| 2044 | 0.2 | 11.9 | 543.8 | 1,112.3 | 18,594.5 | -2,445.4 | -1,901.6 |
| 2045 | 0.2 | 11.3 | 555.2 | 1,052.1 | 18,429.9 | -2,657.8 | -2,102.7 |
| 2046 | 0.2 | 10.8 | 565.9 | 993.9 | 18,269.6 | -2,866.7 | -2,300.8 |
| 2047 | 0.2 | 10.2 | 576.1 | 937.7 | 18,107.9 | -3,072.2 | -2,496.1 |
| 2048 | 0.1 | 9.6 | 585.7 | 883.1 | 17,944.3 | -3,274.5 | -2,688.8 |
| 2049 | 0.1 | 9.1 | 594.8 | 830.0 | 17,781.3 | -3,473.9 | -2,879.1 |
| 2050 | 0.1 | 8.6 | 603.4 | 777.9 | 17,618.6 | -3,670.6 | -3,067.2 |
| 2051 | 0.1 | 8.1 | 611.6 | 726.4 | 17,454.0 | -3,865.4 | -3,253.9 |
| 2052 | 0.1 | 7.7 | 619.2 | 674.5 | 17,289.8 | -4,059.0 | -3,439.8 |
| 2053 | 0.1 | 7.2 | 626.4 | 621.9 | 17,125.7 | -4,251.9 | -3,625.4 |
| 2054 | 0.1 | 6.8 | 633.3 | 568.0 | 16,960.9 | -4,444.5 | -3,811.2 |
| 2055 | 0.1 | 6.4 | 639.7 | 512.5 | 16,796.5 | -4,637.2 | -3,997.5 |
| 2056 | 0.1 | 6.1 | 645.8 | 455.0 | 16,631.9 | -4,830.5 | -4,184.7 |
| 2057 | 0.1 | 5.7 | 651.5 | 395.3 | 16,467.6 | -5,024.3 | -4,372.8 |
| 2058 | 0.1 | 5.4 | 656.9 | 333.6 | 16,304.7 | -5,218.8 | -4,561.9 |
| 2059 | 0.1 | 5.1 | 662.0 | 269.8 | 16,142.6 | -5,413.9 | -4,751.9 |
| 2060 | 0.1 | 4.8 | 666.8 | 203.9 | 15,981.3 | -5,609.6 | -4,942.7 |
| 2061 | 0.1 | 4.5 | 671.3 | 136.1 | 15,821.7 | -5,805.8 | -5,134.4 |
| 2062 | 0.1 | 4.2 | 675.6 | 66.3 | 15,664.2 | -6,002.5 | -5,326.9 |
| 2063 | 0.1 | 4.0 | 679.6 | -5.3 | 15,508.7 | -6,199.6 | -5,520.0 |
| 2064 | 0.1 | 3.7 | 683.3 | -78.6 | 15,355.7 | -6,397.1 | -5,713.7 |
| 2065 | 0.1 | 3.5 | 686.8 | -153.7 | 15,204.5 | -6,595.0 | -5,908.1 |
| 2066 | 0.1 | 3.3 | 690.1 | -230.6 | 15,055.3 | -6,793.3 | -6,103.1 |
| 2067 | 0.1 | 3.1 | 693.2 | -309.3 | 14,907.9 | -6,992.1 | -6,298.9 |
| 2068 | 0.1 | 2.9 | 696.2 | -389.7 | 14,762.2 | -7,191.4 | -6,495.2 |
| 2069 | 0.1 | 2.7 | 698.9 | -471.8 | 14,618.0 | -7,391.0 | -6,692.1 |
| 2070 | 0.0 | 2.6 | 701.5 | -555.6 | 14,476.2 | -7,591.0 | -6,889.6 |
| 2071 | 0.0 | 2.4 | 703.8 | -640.6 | 14,336.4 | -7,791.2 | -7,087.3 |
| 2072 | 0.0 | 2.2 | 706.1 | -726.7 | 14,198.6 | -7,991.1 | -7,285.0 |
| 2073 | 0.0 | 2.1 | 708.2 | -813.5 | 14,062.2 | -8,190.5 | -7,482.3 |
| 2074 | 0.0 | 2.0 | 710.1 | -900.7 | 13,927.2 | -8,389.1 | -7,679.0 |
| 2075 | 0.0 | 1.8 | 712.0 | -987.9 | 13,793.7 | -8,586.7 | -7,874.7 |
| 2076 | 0.0 | 1.7 | 713.7 | -1,074.8 | 13,661.5 | -8,782.6 | -8,068.9 |
| 2077 | 0.0 | 1.6 | 715.3 | -1,160.9 | 13,530.3 | -8,976.7 | -8,261.4 |
| 2078 | 0.0 | 1.5 | 716.8 | -1,246.1 | 13,399.9 | -9,168.8 | -8,452.0 |
| 2079 | 0.0 | 1.4 | 718.2 | -1,330.1 | 13,271.0 | -9,358.6 | -8,640.4 |
| 2080 | 0.0 | 1.3 | 719.5 | -1,413.1 | 13,143.2 | -9,546.2 | -8,826.7 |
| 2081 | 0.0 | 1.2 | 720.7 | -1,495.1 | 13,016.0 | -9,731.8 | -9,011.1 |
| 2082 | 0.0 | 1.1 | 721.8 | -1,576.4 | 12,889.1 | -9,915.6 | -9,193.8 |
| 2083 | 0.0 | 1.1 | 722.9 | -1,657.4 | 12,762.3 | -10,098.0 | -9,375.1 |
| 2084 | 0.0 | 1.0 | 723.9 | -1,738.3 | 12,635.6 | -10,279.3 | -9,555.5 |
| 2085 | 0.0 | 0.9 | 724.8 | -1,819.6 | 12,509.3 | -10,459.9 | -9,735.1 |
| 2086 | 0.0 | 0.9 | 725.6 | -1,901.3 | 12,383.5 | -10,639.8 | -9,914.2 |
| 2087 | 0.0 | 0.8 | 726.5 | -1,983.7 | 12,258.4 | -10,819.4 | -10,093.0 |
| 2088 | 0.0 | 0.8 | 727.2 | -2,066.8 | 12,134.0 | -10,998.8 | -10,271.6 |
| 2089 | 0.0 | 0.7 | 727.9 | -2,150.8 | 12,010.4 | -11,177.9 | -10,450.0 |
| 2090 | 0.0 | 0.7 | 728.6 | -2,235.6 | 11,887.6 | -11,356.8 | -10,628.3 |
| 2091 | 0.0 | 0.6 | 729.2 | -2,321.3 | 11,765.8 | -11,535.6 | -10,806.4 |

Total 2016-2090
Based on the Intermediate Assumptions of the 2016 Trustees Report. Ultimate Real Trust Fund Yield of $2.7 \%$.
${ }^{1}$ Theoretical Social Security is the current Social Security program with the assumption that the law is modified to permit borrowing from the General Fund of the Treasury.

Table 1b-OASDI Changes \& Implications for Federal Budget and Debt of Specified Plan Provision Effects on OASDI (Present Value Dollars) H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist


Based on Intermediate Assumptions of the 2016 Trustees Report.
Ultimate Real Trust Fund Yield of 2.7\%.
Note: Changes reflect the budget scoring convention that presumes benefits not payable after reserve depletion would
nonetheless be paid, based on transfers from the General Fund of the Treasury resulting in additional borrowing from the public.
${ }^{1}$ Reflects reimbursements from General Fund of the Treasury to OASDI Trust Funds for lost OASDI taxation of benefit revenues (Section 4
of the bill). This does not include reimbursements from the General Fund to the HI Trust Fund for lost HI taxation of benefit revenues.
Office of the Chief Actuary
${ }^{2}$ Reflects lost OASDI and HI taxation of benefit revenues from increasing related income thresholds (Section 4), to be Social Security Administration replaced with transfers from the General Fund of the Treasury of the same amount.

Table 1b.n - OASDI Changes \& Implications for Federal Budget and Debt of Specified Plan Provision Effects on OASDI (Nominal Dollars)
H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist

|  | Billions of Nominal Dollars |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Change | Change in | Change | Change | Change |
|  | Specified | Basic Changes | in Annual | Debt Held | in Annual | in Total | in Annual |
|  | General Fund | in OASDI | Unified Budget | by Public at | Unified Budget | Federal Debt | On Budget |
| Year | Transfers ${ }^{1}$ | Cash Flow | Cash Flow | End of Year | Balance ${ }^{2}$ | End of Year | Balance ${ }^{2}$ |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2017 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2018 | 23.7 | 91.0 | 49.9 | -50.7 | 50.7 | 41.8 | -41.8 |
| 2019 | 25.1 | 103.9 | 60.2 | -113.6 | 62.9 | 87.8 | -45.9 |
| 2020 | 26.5 | 112.4 | 66.0 | -184.7 | 71.1 | 137.9 | -50.1 |
| 2021 | 27.8 | 121.1 | 72.5 | -264.9 | 80.2 | 192.0 | -54.1 |
| 2022 | 29.3 | 129.7 | 78.7 | -354.4 | 89.6 | 250.5 | -58.5 |
| 2023 | 30.8 | 138.1 | 84.6 | -454.0 | 99.5 | 313.8 | -63.3 |
| 2024 | 32.3 | 147.2 | 91.2 | -564.7 | 110.7 | 382.4 | -68.6 |
| 2025 | 33.7 | 156.5 | 98.0 | -687.3 | 122.7 | 456.5 | -74.1 |
| 2026 | 35.0 | 168.1 | 107.6 | -826.7 | 139.4 | 536.9 | -80.5 |

Based on Intermediate Assumptions of the 2016 Trustees Report.
Note: Changes reflect the budget scoring convention that presumes benefits not payable after reserve depletion would
nonetheless be paid, based on transfers from the General Fund of the Treasury resulting in additional borrowing from the public.
${ }^{1}$ Reflects reimbursements from General Fund of the Treasury to OASDI Trust Funds for lost OASDI taxation of benefit revenues (Section 4 of the bill). This table does not include reimbursements from the General Fund to the HI Trust Fund for lost HI taxation of benefit revenues,
${ }^{2}$ Reflects lost OASDI and HI taxation of benefit revenues from increasing related income thresholds (Section 4), to be

Table 1c - Current Law and Proposal Cost, Expenditures, and Income: As Percent of Gross Domestic Product H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist

|  | Current Law OASDI |  |  |
| :---: | :---: | :---: | :---: |
| Calendar | Cost | Expenditures | Non-Interest |
| (Payable) | Income |  |  |

(2) (3)
201

| Proposal OASDI |  |  |
| :---: | :---: | :---: |
| Cost | Expenditures <br> (Payable) | Non-Interest <br> Income |

(4)
(5)
(6)
4.9

| 4.98 | 4.59 |
| :--- | :--- |
| 4.91 | 4.62 |
| 4.98 | 5.09 |
| 5.04 | 5.15 |
| 5.12 | 5.19 |


| 2019 | 5.05 |
| :--- | :--- |
| 2020 | 5.12 |
| 2021 | 5.18 |


| 2021 | 5.18 |
| :--- | :--- |
| 2022 | 5.28 |
| 2023 | 5.39 |


| 2024 | 5.39 |
| :--- | :--- |
| 2025 | 5.50 |
| 2026 |  |


| 2025 | 5.60 |
| :--- | :--- |
| 2026 | 5.67 |
| 2027 | 5.73 |
| 2028 | 5.78 |
| 2029 | 5.83 |


| 2029 | 5.83 |
| :--- | :--- |
| 2030 | 5.87 |
| 2031 | 5.91 |
| 2032 | 5.94 |
| 2033 | 5.96 |


| 2033 | 5.96 |
| :--- | :--- |
| 2034 | 5.98 |
| 2035 | 5.98 |
| 2036 | 6.00 |


| 2036 | 6.00 |
| :--- | :--- |
| 2037 | 6.01 |
| 2038 | 6.01 |


| 2038 | 6.01 |
| :--- | :--- |
| 2039 | 6.00 |
| 2040 | 5.99 |
| 2041 | 5.97 |
| 2042 | 5.96 |

Table 1d - Change in Long-Range Trust Fund Reserves / Unfunded Obligation
H.R. 1631, the "Save Social Security Act of 2017" Introduced by Representative Charlie Crist

|  | (Billions of Dollars, Present Value on 1-1-2016) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Current Law OASDI |  |  | Basic |  | Proposal OASDT |
|  | Trust Fund Reserves / | Changes | Changes | Changes | Total Change | Trust Fund Reserves / |
|  | Unfunded Obligation | in OASDI | in OASDI | in OASDI | Through | Unfunded Obligation |
| Year | Through End of Year | Income | Cost | Cash Flow | End of Year | Through End of Year ${ }^{1}$ |
|  | (1) | (2) | (3) | (4) $=(2)-(3)$ | (5) = cumulative sum(4) | $(6)=(1)+(5)$ |
| 2016 | 2,741.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,741.0 |
| 2017 | 2,687.5 | 0.0 | 0.0 | 0.0 | 0.0 | 2,687.5 |
| 2018 | 2,625.9 | 84.2 | 0.0 | 84.2 | 84.2 | 2,710.2 |
| 2019 | 2,554.4 | 93.1 | -0.2 | 93.3 | 177.5 | 2,731.9 |
| 2020 | 2,471.7 | 97.5 | -0.2 | 97.7 | 275.3 | 2,746.9 |
| 2021 | 2,378.9 | 101.8 | -0.2 | 102.0 | 377.3 | 2,756.2 |
| 2022 | 2,270.6 | 105.6 | -0.1 | 105.8 | 483.1 | 2,753.7 |
| 2023 | 2,142.4 | 108.9 | -0.1 | 109.0 | 592.1 | 2,734.5 |
| 2024 | 1,994.9 | 112.3 | 0.0 | 112.3 | 704.4 | 2,699.3 |
| 2025 | 1,827.2 | 115.4 | 0.1 | 115.3 | 819.7 | 2,646.9 |
| 2026 | 1,645.4 | 119.5 | 0.1 | 119.3 | 939.0 | 2,584.5 |
| 2027 | 1,450.6 | 123.3 | 0.2 | 123.1 | 1,062.1 | 2,512.7 |
| 2028 | 1,244.3 | 126.9 | 0.3 | 126.6 | 1,188.7 | 2,433.1 |
| 2029 | 1,028.4 | 130.0 | 0.4 | 129.6 | 1,318.3 | 2,346.7 |
| 2030 | 804.8 | 133.0 | 0.6 | 132.4 | 1,450.7 | 2,255.5 |
| 2031 | 575.3 | 135.6 | 0.7 | 134.9 | 1,585.7 | 2,160.9 |
| 2032 | 341.0 | 138.4 | 0.8 | 137.6 | 1,723.3 | 2,064.3 |
| 2033 | 103.7 | 141.4 | 0.9 | 140.5 | 1,863.8 | 1,967.5 |
| 2034 | -134.7 | 144.5 | 1.0 | 143.5 | 2,007.2 | 1,872.5 |
| 2035 | -372.8 | 147.7 | 1.2 | 146.6 | 2,153.8 | 1,781.0 |
| 2036 | -612.3 | 151.1 | 1.3 | 149.8 | 2,303.6 | 1,691.3 |
| 2037 | -852.1 | 154.6 | 1.4 | 153.1 | 2,456.7 | 1,604.6 |
| 2038 | -1,090.4 | 158.3 | 1.6 | 156.7 | 2,613.4 | 1,523.0 |
| 2039 | -1,326.1 | 162.2 | 1.7 | 160.5 | 2,773.9 | 1,447.9 |
| 2040 | -1,558.1 | 161.6 | 1.8 | 159.8 | 2,933.7 | 1,375.6 |
| 2041 | -1,786.1 | 160.2 | 1.9 | 158.3 | 3,092.0 | 1,305.9 |
| 2042 | -2,010.0 | 158.8 | 2.1 | 156.7 | 3,248.7 | 1,238.7 |
| 2043 | -2,229.8 | 157.5 | 2.2 | 155.2 | 3,403.9 | 1,174.2 |
| 2044 | -2,445.4 | 156.1 | 2.4 | 153.8 | 3,557.7 | 1,112.3 |
| 2045 | -2,657.8 | 154.7 | 2.5 | 152.2 | 3,709.9 | 1,052.1 |
| 2046 | -2,866.7 | 153.4 | 2.6 | 150.7 | 3,860.6 | 993.9 |
| 2047 | -3,072.2 | 152.0 | 2.8 | 149.2 | 4,009.9 | 937.7 |
| 2048 | -3,274.5 | 150.6 | 2.9 | 147.7 | 4,157.6 | 883.1 |
| 2049 | -3,473.9 | 149.2 | 3.0 | 146.2 | 4,303.8 | 830.0 |
| 2050 | -3,670.6 | 147.9 | 3.1 | 144.7 | 4,448.6 | 777.9 |
| 2051 | -3,865.4 | 146.5 | 3.2 | 143.2 | 4,591.8 | 726.4 |
| 2052 | -4,059.0 | 145.1 | 3.4 | 141.7 | 4,733.5 | 674.5 |
| 2053 | -4,251.9 | 143.7 | 3.5 | 140.2 | 4,873.8 | 621.9 |
| 2054 | -4,444.5 | 142.3 | 3.6 | 138.7 | 5,012.5 | 568.0 |
| 2055 | -4,637.2 | 140.9 | 3.7 | 137.2 | 5,149.7 | 512.5 |
| 2056 | -4,830.5 | 139.5 | 3.8 | 135.7 | 5,285.4 | 455.0 |
| 2057 | -5,024.3 | 138.1 | 3.9 | 134.2 | 5,419.7 | 395.3 |
| 2058 | -5,218.8 | 136.8 | 4.0 | 132.7 | 5,552.4 | 333.6 |
| 2059 | -5,413.9 | 135.4 | 4.1 | 131.3 | 5,683.7 | 269.8 |
| 2060 | -5,609.6 | 134.0 | 4.2 | 129.8 | 5,813.5 | 203.9 |
| 2061 | -5,805.8 | 132.6 | 4.3 | 128.4 | 5,941.8 | 136.1 |
| 2062 | -6,002.5 | 131.3 | 4.3 | 126.9 | 6,068.8 | 66.3 |
| 2063 | -6,199.6 | 129.9 | 4.4 | 125.5 | 6,194.3 | -5.3 |
| 2064 | -6,397.1 | 128.6 | 4.4 | 124.2 | 6,318.5 | -78.6 |
| 2065 | -6,595.0 | 127.3 | 4.5 | 122.8 | 6,441.3 | -153.7 |
| 2066 | -6,793.3 | 126.0 | 4.5 | 121.5 | 6,562.7 | -230.6 |
| 2067 | -6,992.1 | 124.7 | 4.6 | 120.1 | 6,682.8 | -309.3 |
| 2068 | -7,191.4 | 123.4 | 4.6 | 118.8 | 6,801.7 | -389.7 |
| 2069 | -7,391.0 | 122.2 | 4.6 | 117.5 | 6,919.2 | -471.8 |
| 2070 | -7,591.0 | 120.9 | 4.6 | 116.3 | 7,035.5 | -555.6 |
| 2071 | -7,791.2 | 119.7 | 4.7 | 115.0 | 7,150.5 | -640.6 |
| 2072 | -7,991.1 | 118.5 | 4.7 | 113.8 | 7,264.4 | -726.7 |
| 2073 | -8,190.5 | 117.3 | 4.7 | 112.6 | 7,377.0 | -813.5 |
| 2074 | -8,389.1 | 116.1 | 4.7 | 111.4 | 7,488.4 | -900.7 |
| 2075 | -8,586.7 | 115.0 | 4.7 | 110.3 | 7,598.7 | -987.9 |
| 2076 | -8,782.6 | 113.8 | 4.7 | 109.1 | 7,707.8 | -1,074.8 |
| 2077 | -8,976.7 | 112.7 | 4.7 | 108.0 | 7,815.8 | -1,160.9 |
| 2078 | -9,168.8 | 111.5 | 4.7 | 106.9 | 7,922.7 | -1,246.1 |
| 2079 | -9,358.6 | 110.4 | 4.6 | 105.8 | 8,028.4 | -1,330.1 |
| 2080 | -9,546.2 | 109.3 | 4.6 | 104.7 | 8,133.1 | -1,413.1 |
| 2081 | -9,731.8 | 108.2 | 4.6 | 103.6 | 8,236.7 | -1,495.1 |
| 2082 | -9,915.6 | 107.1 | 4.6 | 102.5 | 8,339.2 | -1,576.4 |
| 2083 | -10,098.0 | 106.0 | 4.5 | 101.4 | 8,440.6 | -1,657.4 |
| 2084 | -10,279.3 | 104.9 | 4.5 | 100.4 | 8,541.0 | -1,738.3 |
| 2085 | -10,459.9 | 103.8 | 4.5 | 99.3 | 8,640.3 | -1,819.6 |
| 2086 | -10,639.8 | 102.7 | 4.5 | 98.3 | 8,738.6 | -1,901.3 |
| 2087 | -10,819.4 | 101.7 | 4.5 | 97.2 | 8,835.8 | -1,983.7 |
| 2088 | -10,998.8 | 100.6 | 4.5 | 96.2 | 8,931.9 | -2,066.8 |
| 2089 | -11,177.9 | 99.6 | 4.4 | 95.1 | 9,027.1 | -2,150.8 |
| 2090 | -11,356.8 | $\underline{98.5}$ | 4.4 | 94.1 | 9,121.2 | -2,235.6 |
| 2016-2090 |  | 9334.0 | 212.8 | 9121.2 |  |  |

Based on Intermediate Assumptions of the 2016 Trustees Report.
Ultimate Real Trust Fund Yield of 2.7\%.

