APPENDIXES

Appendix I. Assumptions, Methodology, and Details of Long-Range Cost Estimates

The basic assumptions used in the long-range estimates for the old-age, survivors, and disability insurance system are described in this appendix.[1] Also given are more detailed data in connection with the results of these estimates.

POPULATION

Projections were made of the U.S. population (including oversea areas covered by the old-age, survivors, and disability insurance program) for future quinquennial years, by 5-year age groups and by sex. The starting point was the population on July 1, 1955, as estimated by the Bureau of the Census from the 1950 census and from births, deaths, and migration in 1950–55. This population estimate was increased to allow for probable underenumeration in the 1950 census. The projections used were developed before the results of the 1960 census became available; the long-range cost estimates were not revised because the effect is negligible.[2]

In the projections for both cost estimates it is assumed that mortality rates will decline until the year 2000. In the high-cost estimate, mortality rates for the year 2000 are in the neighborhood of 50 percent of the 1953 level up to age 70, with the rates at the older ages showing somewhat smaller improvements. The low-cost estimate assumes less improvement in mortality than the high-cost estimate.

In the low-cost estimate, fertility rates are assumed to remain at about the level of recent years until 1975 and then decrease slowly until in 2045–50 they reach about the level required to maintain a stationary population. The high-cost fertility rates begin decreasing at once and, in 2005–10, reach about the level required to maintain a stationary population. Both estimates assume a small amount of net immigration.

The low-cost estimate is based on high fertility and high mortality, while the high-cost estimate assumes low fertility and low mortality. This makes the high-cost population relatively much older than the low-cost population, which is reasonable in view of the fact that benefits to aged persons account for nearly 90 percent of the cost of

[1] For more details as to the procedures followed in making the long-range cost estimates, see "Actuarial Study No. 49," Social Security Administration, DHEW, which deals with the 1956 act but also indicates the modified procedures that were used in connection with estimates for the 1958 and 1960 acts.

[2] While the 1960 census revealed a greater number of persons aged 65 and over than earlier estimates had indicated, much of this excess arose from overreporting at ages 65–69. This was counterbalanced by underreporting at ages 60–64, so that by 1965 there is close agreement with the projections of persons aged 65 and over used in the long-range cost estimates (the short-range estimates are based on projections of the existing roll and eligibles—not on census data). The 1960 census reported 16,560,000 persons aged 65 and over, as compared with the 1960 estimates of 16,413,000 in the high-cost projection and 16,319,000 in the low-cost projection. (For comparability, the projection figures should be reduced by about 200,000 because they are as of July 1 instead of Apr. 1 and include Puerto Rico and several other geographic areas.)

the system. Complete details about the population projections are given in "Actuarial Study No. 46," Social Security Administration, Department of Health, Education, and Welfare.

EMPLOYMENT

Assumptions as to the percentage of the population who have covered employment during a year were made for each age group by sex for each quinquennial year. For males aged 25–64 the 1955 figures, after upward adjustment to allow for the extension of coverage under the 1956 amendments and the full potential coverage of the 1954 amendments, were continued level into the future. For females under retirement age an increase was assumed, especially at the middle and older ages, which continues the past trend. Beyond retirement age, an increase was assumed in the low-cost estimate, which implies an increasing proportion affected by the retirement test; conversely, in the high-cost estimate a decrease was assumed, which is somewhat larger than the increase assumed in the low-cost estimate. Assumptions were also made about the percentage of covered workers in each age group who have four quarters of coverage during the year. These assumptions may be characterized as representing moderately full employment. A depression could substantially increase the cost, as shown in table 20 of the main text. But it is believed that any periods of low employment would be of short duration and would not have a significant long-range effect.

EARNINGS

Level average earnings at about the 1959 level were assumed in each of the four groups: male four-quarter workers, male workers with less than four quarters of employment, female four-quarter workers, and female workers with less than four quarters of employment. It was also assumed that the earnings level would not rise on account of changes in the distribution of covered workers by occupation or industry.

In the past, average earnings have increased greatly, partly because of inflation, partly because of increased productivity, and partly because of the changed occupational composition of the labor force and related factors. If this trend continues and if the benefit formula is not changed, the cost relative to payroll would be less than the estimates show because the formula provides a benefit that is a decreasing percentage of average wage as the average wage increases.

It is likely, however, that if average earnings increase, the benefit formula will be modified accordingly. If benefit payments are increased in exactly the same ratio as the increase in average earnings, the year-by-year cost estimates of benefit payments expressed as a percentage of payroll would be unchanged. There would, however, be some increase in the level-premium cost because of the diminished relative value of interest earnings on the trust funds.

INSURED POPULATION

The term "insured" is used as meaning either fully or currently insured. Separate estimates of fully insured, currently insured, and both fully and currently insured have not been made, because almost all aged insured persons and almost all younger male insured persons are fully insured, and also because either fully or currently insured status generally gives eligibility to all young survivor benefits.

The percentages of insured persons by age and sex in various future years are estimated from the percentages of persons covered. It is evident that eventually almost all males in the country will be insured for old-age and survivor benefits; the ultimate percentage for aged males is estimated at 92 percent in the low-cost estimate and 97 percent in the high-cost estimate. For females there is much greater uncertainty; it is estimated that the corresponding proportions for females will eventually be 60 percent in the low-cost estimate and 70 percent in the high-cost estimate. The liberalized requirements for attaining fully insured status which were provided by the 1960 and 1961 amendments will have the effect of increasing the insured population for the next several years. In the long run, however, all persons attaining retirement age will need 40 quarters of coverage—as under previous law—so that the effect is largely temporary in nature.

The estimated numbers of the population insured for disability benefits are lower than those for the population insured for old-age and survivor benefits; the latter have been reduced to take into account the more restrictive insured status provisions for disability benefits.

AGED BENEFICIARIES

Old-age beneficiaries are estimated by subtracting from the estimated total aged insured workers those whose earnings are at a level that they do not meet the retirement test. The number of persons with benefits so withheld or not payable is assumed to be a constant percentage of the aged covered population, based on recent actual data adjusted for changes made in the retirement test by the 1961 amendments. To estimate potential wife beneficiaries, the percentages of men having wives aged 62 and over, by age of male, are obtained from census data. These figures are assumed to increase in the future so as to be consistent with the decreasing mortality assumption. Based on experience to date it is assumed that no wives will defer claiming benefits to age 65 in order to avoid reduced benefits.

To estimate potential widow beneficiaries, the deaths of insured married men in each quinquennial year are computed using the same percentages of married men among the total deaths of insured male workers in the year as is found in recent operating data. The number of widows thus estimated to enter the system are projected with mortality and remarriage rates. The death rates assumed are consistent with the survival rates used in the population projections; the remarriage rates are based on the 1956 experience of women receiving mother's benefits.

It is assumed that the actual wife and widow beneficiaries consist of the uninsured among these potential beneficiaries. In actual practice, a fraction of the remainder receive a residual benefit—the amount by which the potential wife's or widow's benefit exceeds the old-age benefit. Ultimately, it is assumed that the percentage of potential wife or widow beneficiaries who are uninsured and thus receive a full benefit is 43 percent in the low-cost estimate and 32 percent in the high-cost estimate. These figures are obtained by assuming that the proportion of single and divorced women in the aged female population would remain at the present level of about 10 percent, that 90 percent of the single and divorced would be insured, and that the chance of a wife or widow being insured would be the same regardless of whether she is a potential wife or widow beneficiary. The percentage uninsured is, in effect, graded from estimates of recent actual data to the ultimate figure; initially the figure is greater for wives than for widows since the former are less likely to have had recent employment. The number of widow beneficiaries is adjusted so as to yield a reasonable relationship between the total number of aged female beneficiaries and the total aged female population.

The minor category of parent beneficiaries is estimated as a constant proportion of aged persons not eligible for any other benefit. The insignificant effect of the retirement test for wives and widows is ignored, as also are benefits for dependent husbands and widowers.

Appendix table 1 shows the estimated aged beneficiaries. By 2050, the numbers of beneficiaries in the low-cost estimate slightly exceed those under the high-cost estimate. This is because the low-cost population is much larger—not only at the working ages but also, although to a smaller degree, at the older ages.

APPENDIX TABLE 1.—*Estimated monthly retirement beneficiaries in current-payment status* [1], *1970–2050*

[In thousands]

Calendar year	Old-age beneficiaries		Wives of old-age beneficiaries [2]	Aged widows [3]	Dependent parents	Total
	Male	Female				
	Actual data for end of year					
1950	1,469	302	502	306	14	2,593
1951	1,819	459	634	370	19	3,302
1952	2,052	592	724	434	21	3,823
1953	2,438	784	865	511	22	4,621
1954	2,803	972	983	596	24	5,378
1955	3,252	1,222	1,144	701	25	6,344
1956	3,572	1,540	1,376	913	27	7,428
1957	4,198	1,999	1,779	1,095	29	9,101
1958	4,617	2,303	1,979	1,233	30	10,162
1959	4,937	2,589	2,123	1,394	35	11,077
1960	5,217	2,845	2,236	1,544	36	11,877
	Low-cost estimate					
1970	6,948	4,557	2,638	2,677	32	16,852
1980	8,580	6,298	3,090	3,686	32	21,686
2000	10,517	9,057	3,087	4,589	25	27,275
2050	23,651	23,392	5,296	8,291	44	60,674
	High-cost estimate					
1970	7,477	5,253	2,886	2,453	32	18,101
1980	9,933	7,650	3,642	3,153	32	24,410
2000	14,323	11,754	4,166	4,158	22	34,423
2050	25,011	22,883	4,900	5,173	30	57,997

[1] Persons qualifying both for old-age benefits and for wife's, widow's, husband's, widower's, and parent's benefits are shown only as old-age beneficiaries. Minimum retirement age was 65 until November 1956, when it was lowered to 62 for women, and until August 1961, when it was also reduced to 62 for men. For actual data, as of December (except for 1958—November); for estimated future data, as of middle of year. Excluding effect of railroad financial interchange provisions.

[2] Including dependent husbands and including wives of any age with child beneficiaries in their care (both relatively small categories).

[3] Including dependent widowers.

BENEFICIARIES UNDER RETIREMENT AGE

Young wives and children of retired workers are estimated by reference to pertinent ratios to male old-age beneficiaries, as derived from recent actual data.

Child survivor beneficiaries are obtained from estimates of total paternal orphans in the country in future years. The projected child population by age groups is multiplied by the probability of the father having died, using an average age for fathers at birth of child and using death rates consistent with the population projections. The numbers of paternal orphans are then adjusted to eliminate orphans of uninsured men and to include the small numbers of orphans of insured women and of eligible disabled orphans aged 18 and over. Mother survivor beneficiaries are estimated by assuming a constant ratio of mothers to children, a little below the recent actual ratio in the low-cost estimate, and a little above it in the high-cost estimate. The numbers of lump-sum death payments are estimated by multiplying the estimated insured population by death rates consistent with the survival rates used in the population projections.

DISABLED BENEFICIARIES AND THEIR DEPENDENTS

Future numbers of persons receiving monthly disability benefits based on their own earnings records are estimated by applying disability incidence and termination rates (annual rates, by age and sex) to the appropriate groups. New cases are estimated by applying disability incidence rates to the assumed population insured for disability benefits. Then, termination rates are applied to the disability benefit roll to complete the projection; when disability beneficiaries attain age 65, they are transferred to the old-age benefit roll.

The actuarial assumptions used in the original estimates of the cost of the disability insurance program (prepared at the time of the 1956 amendments) were revised in 1959 to reflect actual operating experience to date. It was found in particular that the assumed incidence rates for women had been too high and that the population insured for disability benefits had been overestimated. These changes in assumptions tended to reduce estimated future costs of the program. A further revision of disability cost estimates was made necessary by the 1960 amendments, which eliminated the age-50 requirement for monthly disability benefits. The changes made by the 1961 act would have relatively little cost effect in the disability insurance portion of the program. Few disability beneficiaries qualify for as little as the minimum benefit (less than 1 percent of the awards in 1959 were for under $40). Also, the liberalization of the fully insured status provision would have little effect in making more persons eligible for these benefits because the vast majority of persons who meet the requirement of 20 quarters of coverage out of the last 40 quarters will thereby have sufficient coverage so as to be fully insured under the definition in present law. On the other hand, the introduction of actuarially reduced benefits for men electing them between ages 62 and 65 will reduce the disability benefit costs slightly; in certain cases a man might take the reduced benefits and thus no longer be eligible for disability benefits, whereas under present law he might have qualified for the latter at some later date (but before age 65). As a result of these counterbalancing factors, it is estimated that the 1961 amendments will have no significant effect on the cost of the disability insurance portion of the program.

Currently, in the high-cost estimates, disability incidence rates for men are based on the so-called 165-percent modification of class 3 rates (which includes increasingly higher percentages for ages above 45). This 165-percent modification corresponds roughly to life insurance company experience during the early 1930's. Incidence rates assumed for women are the same as those for men. Termination rates because of death or recovery are class 3 rates (relatively high—to be consistent with the high incidence rates assumed).

For the low-cost estimates, disability incidence rates for men are based on 25 percent of those used in the high-cost estimates, or in other words, on the average, about 45 to 50 percent of the class 3 rates considering the larger adjustments above age 45. Incidence rates assumed for women are the same as those for men. Termination rates are based on German social insurance experience for 1924–27, which is the best available experience as to relatively low disability termination rates to be anticipated in conjunction with low incidence rates.

The incidence rates actually used for both estimates are 10 percent below the above rates because, unlike the general definition in insurance company policies, disability is not presumed to be total and of expected long-continued duration after 6 months' duration. Rather, permanence must be proved at that time.

It will be noted that the low-cost estimate includes low incidence rates (which, taken by themselves, produce low costs) and also low termination rates (which, taken by themselves, produce higher costs, but which are considered necessary since with low incidence rates there would tend to be few recoveries). On the other hand, the high-cost estimate contains high incidence rates that are somewhat offset by high termination rates.

It is, of course, recognized that in many disability benefit programs the cost experience of the early years is much lower than in later years. For example, this has been true with respect to life insurance company experience under disability income benefit policies (which led to a rather general revision of contract provisions in the early 1930's). More valid estimates are possible only after operating experience of several years has developed and has been adequately tabulated and analyzed. Many factors make disability incidence and termination rates difficult to predict—much more so than mortality rates, which underlie retirement and survivor benefit-cost calculations. In adopting these assumptions for the long-range estimates, however, account is taken of the fact that it is not within the jurisdiction of the Department of Health, Education, and Welfare to liberalize the definition of disability by administrative action. Furthermore, it is assumed that there will be no court decisions that will have the general effect of liberalizing the definition of disability. Moreover, as indicated earlier, the estimates presuppose a continued high level of employment.

Persons who will receive benefits as dependents of disabled workers have been estimated by assuming a constant ratio to the number of disability insurance beneficiaries. This ratio is based on statistics recently developed concerning dependents of workers for whom a disability determination has been made.

Appendix table 2 shows the estimates of numbers of beneficiaries under retirement age (including disability insurance beneficiaries and their dependents).

Appendix Table 2.—*Estimated monthly beneficiaries under minimum retirement age in current-payment status* [1] *and number of deaths resulting in lump-sum death payments, 1970–2050*

[In thousands]

Calendar year	Children [2]	Widowed mothers	Disability beneficiaries			Total monthly beneficiaries	Lump-sum death cases
			Workers	Wives [3]	Children [4]		
	Actual data for end of year						
1950	700	169				869	200
1951	846	204				1,050	414
1952	939	229				1,168	438
1953	1,053	254				1,307	512
1954	1,161	272				1,432	516
1955	1,276	292				1,568	567
1956	1,341	301				1,642	547
1957	1,502	328	150			1,980	689
1958	1,606	354	238	12	18	2,228	[5] 657
1959	1,754	376	334	48	78	2,590	[6] 822
1960	1,845	401	455	77	155	2,934	779
	Low-cost estimate						
1970	2,406	527	685	145	289	4,052	1,066
1980	2,793	602	803	168	337	4,703	1,342
2000	3,505	772	1,029	233	466	6,005	1,799
2050	4,551	844	2,016	418	835	8,664	3,912
	High-cost estimate						
1970	2,078	431	1,118	237	473	4,337	1,061
1980	2,169	402	1,367	284	568	4,790	1,322
2000	2,374	401	1,703	368	737	5,583	1,833
2050	3,023	393	2,283	461	922	7,082	3,215

[1] See footnote 1 of appendix table 1 for definition of minimum retirement age. Does not include wives under age 62 of old-age beneficiaries; includes disability beneficiaries aged 62–64, and spouses aged 62 and over of disability beneficiaries. For actual data, as of December (except for 1958—November); for estimated future data, as of middle of year. Excluding effect of railroad financial interchange provisions.

[2] Children of retired and deceased workers.

[3] Spouses of disabled workers, including some such spouses aged 62 and over.

[4] Children of disabled workers.

[5] January through November 1958.

[6] December 1958 through December 1959.

AVERAGE BENEFITS AND TOTAL BENEFIT PAYMENTS

Average benefits in the various benefit categories were interpolated between the sizes of current benefit awards, estimated from recent claims data, and the sizes of ultimate benefits computed. The latter were as though the 1959 earnings level would be in effect throughout the entire working life of all workers with respect to whom benefits are being paid. Total benefit payments are shown in tables B and C of the main text (and as a percentage of payroll in table A).

The cost for old-age, survivor, and disability benefits combined, as a percentage of payroll, is eventually about three times the 1960 figure for the high-cost estimate, as shown in tables 15, 19, and A, and two times as high for the low-cost estimate. The significant upward cost trend is temporarily reversed around the year 2000, at which time a significant part of the aged population consists of survivors of persons born in the 1930's, when birth rates were low.

The disability estimates show a wider relative range between low-cost and high-cost figures because of the relative uncertainty about the disability rates to be experienced.

ADMINISTRATIVE EXPENSES

Assumed administrative expenses for old-age and survivors insurance are based on two factors—the number of persons having any covered employment in the given year and the number of monthly beneficiaries. In estimating disability insurance administrative expenses, a third factor—the number of persons becoming disabled during the year—was taken into account, since the cost of adjudication of disabilities represents a substantial part of the expenses.

RAILROAD RETIREMENT FINANCIAL INTERCHANGE

A financial interchange between the old-age, survivors, and disability insurance system and the railroad retirement system is provided, as explained in appendix II. The purpose of this interchange is to place the old-age and survivors insurance and the disability insurance trust funds in the same position they would have been in if railroad employment were, and always had been, covered employment.

The long-range estimates are first made as if railroad employment were covered directly under old-age, survivors, and disability insurance. Then, estimates are made of the old-age, survivors, and disability insurance taxes that would be payable by railroad workers (a level railroad payroll of $5.3 billion is assumed) and of the additional old-age, survivors, and disability insurance benefits that would be payable, if railroad employment were covered directly. The progress of the trust funds as shown in tables B and C as to contributions, benefit payments, and administrative expenses, is exclusive of the amounts arising from the indirect coverage. The amount transferred to or from the railroad retirement system is shown as a separate item in table B, but is included in contributions in table C.

Because of the relatively older age distribution of railroad workers, the transfer is currently in favor of the railroad retirement system. But it is estimated that eventually the low-cost factors in respect to railroad employment—higher average wage, lower percentage of females, and more wives and widows of railroad workers receiving old-age, survivors, and disability insurance benefits on their own earnings records, rather than on the record of the railroad worker—will shift the transfer the other way. The long-range effect is relatively insignificant insofar as old-age, survivors, and disability insurance costs are concerned, but the current estimates indicate a small "net gain" to the railroad retirement system over the entire period of these estimates.

INTEREST RATE

The 1960 amendments revised the basis for determining the interest rate on public debt obligations issued for purchase by the trust funds (special issues), which constitute a major portion of the investments of the trust funds. Under previous law, the interest rate on special obligations was related to the average coupon rate on all outstanding marketable obligations of the United States not due or callable for at least 5 years from the original issue date. Under present law, this interest rate is based on the average market yield of all such marketable obligations not due or callable for 4 or more years from the time of the issuance of the special obligations.

This change will have the immediate effect of gradually increasing the interest income of the trust funds as compared with the previous basis. The ultimate effect is expected to be only a slight increase in the interest income of the system since, over the long run, coupon rates on long-term Government obligations tend to follow their market yields (both up and down).

The gain in the immediate future and the small possible long-run advantage of the new interest basis are reflected in the cost estimates by using a level interest rate of 3.02 percent for the level-premium calculations (as against 3 percent formerly). This rate is the overall equivalent of the varying interest rates, developed on a year-by-year basis, used in the development of the progress of the trust funds. These varying interest rates have been estimated from the existing maturity schedule of special issues and from assumed average market-yield rates on long-term Government obligations, running from about their present level down to about 3 percent ultimately.

Appendix II. Legislative History Affecting the Trust Funds [1]

Board of trustees.—From January 1, 1940, when the Federal old-age and survivors insurance trust fund was established, through July 15, 1946, the three members of the Board of Trustees, who served in an ex officio capacity, were the Secretary of the Treasury, the Secretary of Labor, and the Chairman of the Social Security Board. On July 16, 1946, under the Reorganization Plan No. 2 of 1946, the Federal Security Administrator became ex officio member of the Board of Trustees in place of the Chairman of the Social Security Board, which agency was abolished. On April 11, 1953, the Reorganization Plan No. 1 of 1953, creating the Department of Health, Education, and Welfare, went into effect, and the Office of Federal Security Administrator was abolished. The functions of the Administrator as ex officio member of the Board of Trustees were taken over by the Secretary of Health, Education, and Welfare. The remaining membership of the Board has not changed since it was first established. Since the establishment of the fund the Secretary of the Treasury has been managing trustee. The Social Security Act Amendments of 1950 designated the Commissioner for Social Security—since April 11, 1953, the Commissioner of Social Security—as Secretary of the Board of Trustees. Under the Social Security Amendments of 1956, the Board of Trustees of the Federal old-age and survivors insurance trust fund was also made the Board of Trustees of the Federal disability insurance trust fund. The Social Security Amendments of 1960 provide that the Board of Trustees shall meet not less frequently than once each 6 months. These amendments also eliminated the so-called three-times rule (requiring the Board of Trustees to report to the Congress whenever it expects that in the course of the next 5 fiscal years either of the

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[1] Amendments to the Social Security Act and to related sections of the Internal Revenue Code were made during the period 1939–59. The more important changes made in 1950–58 that are significant from an actuarial standpoint are described in appendix II of the 21st Annual Report of the Board of Trustees. The more important changes contained in the 1960 and 1961 amendments are described in the main body of the present report.

trust funds will exceed three times the highest annual expenditures from such fund anticipated during that 5-year period).

Contribution rates.—The Social Security Act of 1935 fixed the contribution rates for employees and their employers at 1 percent each on taxable wages for the calendar years 1937–39, and provided for higher rates thereafter. However, subsequent acts of Congress extended the 1-percent rates through calendar year 1949. On January 1, 1950, the rates rose to 1½ percent each for employees and employers, as provided by the Social Security Act Amendments of 1947. In accordance with the Social Security Act Amendments of 1950, the 1½-percent rates remained in effect through calendar year 1953, and, on January 1, 1954, rose to 2 percent each for employees and employers. These rates remained in effect through December 31, 1956. In accordance with the Social Security Amendments of 1956, the 2-percent rates rose to 2¼ percent each on January 1, 1957, and remained in effect through calendar year 1958. On January 1, 1959, the rates rose to 2½ percent each, and on January 1, 1960, to 3 percent each, as provided by the Social Security Amendments of 1958. Beginning January 1, 1951—the effective date of extension of coverage to self-employed persons—the rates of tax on self-employment income have been equal to 1½ times the corresponding employee rates.

Special refunds of employee contributions.—With respect to wages paid before 1951, refunds to employees who worked for more than one employer during the course of a year and paid contributions on such wages in excess of the statutory maximum were made from general revenues. With respect to wages paid after 1950, these refunds are paid from the Treasury account for refunding internal revenue collections. The Social Security Act Amendments of 1950 directed the managing trustee to pay from time to time from the old-age and survivors insurance trust fund into the Treasury, as repayments to the account for refunding internal revenue collections, the amount estimated by him to be contributions which are subject to refund with respect to wages paid after 1950. The Social Security Amendments of 1956 provided for similar repayments from the disability insurance trust fund.

Credits for military service.—The Social Security Act Amendments of 1946 provided survivor-insurance protection to certain World War II veterans for a period of 3 years following their discharge from the Armed Forces. Federal appropriations were authorized to reimburse the Federal old-age and survivors insurance trust fund for such sums as were withdrawn to meet the additional cost (including administrative expenses) of such payments. The 1950 amendments, which provided noncontributory $160 monthly wage credits to persons who served in the Armed Forces during World War II, and the 1952, 1953, 1955, and 1956 amendments which provided similar noncontributory credits on account of active military or naval service from July 25, 1947, through December 31, 1956, charged to the old-age and survivors insurance trust fund not only the additional costs arising from these credits but also, beginning September 1950, those additional costs arising under the 1946 amendments. The 1956 amendments provided contributory coverage for military personnel beginning January 1, 1957. In addition, these amendments authorized that the old-age and survivors insurance trust fund and, where appropriate, the disability insurance trust fund be reimbursed from general revenues for expenditures after August 1950 resulting from the provisions that granted noncontributory $160 monthly wage credits to persons who served in the Armed Forces from September 16, 1940, through December 31, 1956, and from the provisions enacted in 1946.

Coordination of old-age, survivors, and disability insurance and railroad retirement programs.—Public Law 234, approved October 30, 1951, amended the Railroad Retirement Act to provide a new basis of coordinating the railroad retirement program with old-age and survivors insurance. This legislation provides that the railroad wage credits of workers who die or retire with less than 10 years of railroad employment shall be transferred to the old-age and survivors insurance system. These amendments did not affect workers who acquire 10 years of more of railroad service. That is, the survivors of over-10-year railroad workers will, as under the 1946 amendments to the Railroad Retirement Act, receive benefits under one program or the other based on combined wage records, while retirement benefits will be payable under both systems to individuals with 10 or more years of railroad service who also qualify under old-age and survivors insurance.

With respect to the allocation of costs between the two systems, Public Law 234 required the Railroad Retirement Board and the Secretary of Health, Education, and Welfare to—

> determine, no later than January 1, 1954, the amount which would place the Federal old-age and survivors insurance trust fund in the same position in which it would have been at the close of the fiscal year ending June 30, 1952, if service as an employee after December 31, 1936, had been included in the term "employment" as defined in the Social Security Act and in the Federal Insurance Contributions Act.

The two agencies completed a series of joint actuarial studies and analyses required by this provision. The results show that the addition of $488 million to the old-age and survivors insurance trust fund would place it in the same position as of June 30, 1952, as it would have been if railroad employment had always been covered under the Social Security Act.

There is no authority in the law that would have permitted the transfer of the $488 million from the railroad retirement account to the trust fund, but the legislation provides that beginning with fiscal year 1953, and for each fiscal year thereafter, annual interest payments on this amount (less any offsets described below) were to be transferred from the railroad retirement account to the trust fund.

The legislation further provides that at the close of the fiscal year 1953, and each fiscal year thereafter, annual reimbursements are to be effected between the railroad retirement account and the trust fund in such amounts as would, taking into consideration the amount determined for the period through June 30, 1952, place the trust fund at the end of the year in the same position in which it would have been if railroad employment were covered under the Social Security Act. If the reimbursement is from the trust fund to the railroad retirement account, the Secretary of Health, Education, and Welfare may offset the amount of such reimbursement against the amount determined for the period through June 30, 1952.

The Social Security Amendments of 1956 amended Public Law 234 to provide for similar annual determinations and financial interchanges between the railroad retirement account and the newly created disability insurance trust fund, beginning with the fiscal year ending June 30, 1958.

Appendix III. Statutory Provisions, as of September 13, 1960, Creating the Trust Funds, Defining the Duties of the Board of Trustees, and Providing for Advisory Councils on Social Security Financing

(Sec. 201 and sec. 218 (e), (h), and (j) of the Social Security Act as amended and sec. 116 of the Social Security Amendments of 1956 as amended)

FEDERAL OLD-AGE AND SURVIVORS INSURANCE TRUST FUND AND FEDERAL DISABILITY INSURANCE TRUST FUND

Sec. 201. (a) There is hereby created on the books of the Treasury of the United States a trust fund to be known as the "Federal Old-Age and Survivors Insurance Trust Fund." The Federal Old-Age and Survivors Insurance Trust Fund shall consist of the securities held by the Secretary of the Treasury for the Old-Age Reserve Account and the amount standing to the credit of the Old-Age Reserve Account on the books of the Treasury on January 1, 1940, which securities and amount the Secretary of the Treasury is authorized and directed to transfer to the Federal Old-Age and Survivors Insurance Trust Fund, and, in addition, such amounts as may be appropriated to, or deposited in, the Federal Old-Age and Survivors Insurance Trust Fund, as hereinafter provided. There is hereby appropriated to the Federal Old-Age and Survivors Insurance Trust Fund for the fiscal year ending June 30, 1941, and for each fiscal year thereafter, out of any moneys in the Treasury not otherwise appropriated, amounts equivalent to 100 per centum of—

(1) the taxes (including interest, penalties, and additions to the taxes) received under subchapter A of chapter 9 of the Internal Revenue Code of 1939 (and covered into the Treasury) which are deposited into the Treasury by collectors of internal revenue before January 1, 1951; and

(2) the taxes certified each month by the Commissioner of Internal Revenue as taxes received under subchapter A of chapter 9 of such Code which are deposited into the Treasury by collectors of internal revenue after December 31, 1950, and before January 1, 1953, with respect to assessments of such taxes made before January 1, 1951; and

(3) the taxes imposed by subchapter A of chapter 9 of such Code with respect to wages (as defined in section 1426 of such Code), and by chapter 21 of the Internal Revenue Code of 1954 with respect to wages (as defined in section 3121 of such Code) re-reported to the Commissioner of Internal Revenue pursuant to section 1420(c) of the Internal Revenue Code of 1939 after December 31, 1950, or to the Secretary of the Treasury or his delegates pursuant to subtitle F of the Internal Revenue Code of 1954 after December 31, 1954, as determined by the Secretary of the Treasury by applying the applicable rates of tax under such subchapter or chapter 21 to such wages, which wages shall be certified by the Secretary of Health, Education, and Welfare on the basis of the records of wages established and maintained by such Secretary in accordance with such reports, less the amounts specified in clause (1) of subsection (b) of this section; and

(4) the taxes imposed by subchapter E of chapter 1 of the Internal Revenue Code of 1939, with respect to self-employment income (as defined in section 481 of such Code), and by chapter 2 of the Internal Revenue Code of 1954 with respect to self-employment income (as defined in section 1402 of such Code) reported to the Commissioner of Internal Revenue on tax returns under such subchapter or to the Secretary of the Treasury or his delegate on tax returns under subtitle F of such Code, as determined by the Secretary of the Treasury by applying the applicable rate of tax under such subchapter or chapter to such self-employment income, which self-employment income shall be certified by the Secretary of Health, Education, and Welfare on the basis of the records of self-employment income established and maintained by the Secretary of Health, Education, and Welfare in accordance with such returns, less the amounts specified in clause (2) of subsection (b) of this section.

The amounts appropriated by clauses (3) and (4) shall be transferred from time to time from the general fund in the Treasury to the Federal Old-Age and Survivors Insurance Trust Fund, and the amounts appropriated by clauses (1) and (2) of subsection (b) shall be transferred from time to time from the general fund in the Treasury to the Federal Disability Insurance Trust Fund, such amounts to be determined on the basis of estimates by the Secretary of the Treasury of the taxes, specified in clauses (3) and (4) of this subsection, paid to or deposited into the Treasury; and proper adjustments shall be made in amounts subsequently transferred to the extent prior estimates were in excess of or were less than the taxes specified in such clauses (3) and (4) of this subsection.

There is hereby created on the books of the Treasury of the United States a trust fund to be known as the "Federal Disability Insurance Trust Fund." The Federal Disability Insurance Trust Fund shall consist of such amounts as may be appropriated to, or deposited in, such fund as provided in this section. There is hereby appropriated to the Federal Disability Insurance Trust Fund for the fiscal year ending June 30, 1957, and for each fiscal year thereafter, out of any moneys in the Treasury not otherwise appropriated, amounts equivalent to 100 per centum of—

(1) One-half of 1 per centum of the wages (as defined in section 3121 of the Internal Revenue Code of 1954) paid after December 31, 1956, and reported to the Secretary of the Treasury or his delegate pursuant to subtitle F of the Internal Revenue Code of 1954, which wages shall be certified by the Secretary of Health, Education, and Welfare on the basis of the records of wages established and maintained by such Secretary in accordance with such reports; and

(2) Three-eighths of 1 per centum of the amount of self-employment income (as defined in section 1402 of the Internal Revenue Code of 1954) reported to the Secretary of the Treasury or his delegate on tax returns under subtitle F of the Internal Revenue Code of 1954 for any taxable year beginning after December 31, 1956, which self-employment income shall be certified by the Secretary of Health, Education, and Welfare on the basis of the records of self-employment income established and maintained by the Secretary of Health, Education, and Welfare in accordance with such returns.

(c) With respect to the Federal Old-Age and Survivors Insurance Trust Fund and the Federal Disability Insurance Trust Fund (hereinafter in this title called the "Trust Funds") there is hereby created a body to be known as the Board of Trustees of the Trust Funds (hereinafter in this title called the "Board of Trustees") which Board of Trustees shall be composed of the Secretary of the Treasury, the Secretary of Labor, and the Secretary of Health, Education, and Welfare, all ex officio. The Secretary of the Treasury shall be the Managing Trustee of the Board of Trustees (hereinafter in this title called the "Managing Trustee"). The Commissioner of Social Security shall serve as Secretary of the Board of Trustees. The Board of Trustees shall meet not less frequently than once each six months. It shall be the duty of the Board of Trustees to—

(1) Hold the Trust Funds;

(2) Report to the Congress not later than the first day of March of each year on the operations and status of the Trust Funds during the preceding fiscal year and on their expected operation and status during the next ensuing five fiscal years;

(3) Report immediately to the Congress whenever the Board of Trustees is of the opinion that the amount of either of the Trust Funds is unduly small;

(4) Recommend improvements in administrative procedures and policies designed to effectuate the proper coordination of the old-age and survivors insurance and Federal-State unemployment compensation program; and

(5) Review the general policies followed in managing the Trust Funds, and recommend changes in such policies, including necessary changes in the provisions of the law which govern the way in which the Trust Funds are to be managed.

The report provided for in paragraph (2) above shall include a statement of the assets of, and the disbursements made from, the Trust Funds during the preceding fiscal year, an estimate of the expected future income to, and disbursements to be made from, the Trust Funds during each of the next ensuing five fiscal years, and a statement of the actuarial status of the Trust Funds. Such reports shall be printed as a House document of the session of the Congress to which the report is made.

(d) It shall be the duty of the Managing Trustee to invest such portion of the Trust Funds as is not, in his judgment, required to meet current withdrawals. Such investments may be made only in interest-bearing obligations of the United States or in obligations guaranteed as to both principal and interest by the United States. For such purposes such obligations may be acquired (1) on original issue at the issue price, or (2) by purchase of outstanding obligations at the market price. The purposes for which obligations of the United States may be issued under the Second Liberty Bond Act, as amended, are hereby extended to authorize the issuance at par of public-debt obligations for purchase by the Trust Funds. Such obligations issued for purchase by the Trust Funds shall have maturities fixed with due regard for the needs of the Trust Funds and shall bear interest at a rate equal to the average market yield (computed by the Managing Trustee on the basis of market quotations as of the end of the calendar month next preceding the date of such issue) on all marketable interest-bearing obligations of the United

States then forming a part of the public debt which are not due or callable until after the expiration of four years from the end of such calendar month; except that where such average market yield is not a multiple of one-eighth of 1 per centum, the rate of interest of such obligations shall be the multiple of one-eighth of 1 per centum nearest such market yield. The Managing Trustee may purchase other interest-bearing obligations of the United States or obligations guaranteed as to both principal and interest by the United States, on original issue or at the market price, only where he determines that the purchase of such other obligations is in the public interest.

(e) Any obligations acquired by the Trust Funds (except public-debt obligations issued exclusively to the Trust Funds) may be sold by the Managing Trustee at the market price, and such public-debt obligations may be redeemed at par plus accrued interest.

(f) The interest on, and the proceeds from the sale or redemption of, any obligations held in the Federal Old-Age and Survivors Insurance Trust Fund and the Federal Disability Insurance Trust Fund shall be credited to and form a part of the Federal Old-Age and Survivors Insurance Trust Fund and the Disability Insurance Trust Fund, respectively.

(g)(1) The Managing Trustee is directed to pay from the Trust Funds into the Treasury the amounts estimated by him and the Secretary of Health, Education, and Welfare which will be expended, out of moneys appropriated from the general funds in the Treasury, during a three-month period by the Department of Health, Education, and Welfare and the Treasury Department for the administration of titles II and VIII of this Act and subchapter E of chapter 1 and subchapter A of chapter 9 of the Internal Revenue Code of 1939, and chapters 2 and 21 of the Internal Revenue Code of 1954. Such payments shall be covered into the Treasury as repayments to the account for reimbursement of expenses incurred in connection with the administration of titles II and VIII of this Act and subchapter E of chapter 1 and subchapter A of chapter 9 of the Internal Revenue Code of 1939, and chapters 2 and 21 of the Internal Revenue Code of 1954. There are hereby authorized to be made available for expenditure, out of either or both of the Trust Funds, such amounts as the Congress may deem appropriate to pay the cost of administration of this title. After the close of each fiscal year, the Secretary of Health, Education, and Welfare shall analyze the costs of administration of this title incurred during such fiscal year in order to determine the portion of such costs which should have been borne by each of the Trust Funds and shall certify to the Managing Trustee the amount, if any, which should be transferred from one to the other of such Trust Funds in order to insure that each of the Trust Funds has borne its proper share of the costs of administration of this title incurred during such fiscal year. The Managing Trustee is authorized and directed to transfer any such amount from one to the other of such Trust Funds in accordance with any certification so made.

(2) The Managing Trustee is directed to pay from time to time from the Trust Funds into the Treasury the amount estimated by him as taxes which are subject to refund under section 6413(c) of the Internal Revenue Code of 1954 with respect to wages (as defined in section 1426 of the Internal Revenue Code of 1939 and section 3121 of the Internal Revenue Code of 1954) paid after December 31, 1950.

Such taxes shall be determined on the basis of the records of wages established and maintained by the Secretary of Health, Education, and Welfare in accordance with the wages reported to the Commissioner of Internal Revenue pursuant to section 1420(c) of the Internal Revenue Code of 1939 and to the Secretary of the Treasury or his delegate pursuant to subtitle F of the Internal Revenue Code of 1954, and the Secretary shall furnish the Managing Trustee such information as may be required by the Trustee for such purpose. The payments by the Managing Trustee shall be covered into the Treasury as repayments to the account for refunding internal revenue collections. Payments pursuant to the first sentence of this paragraph shall be made from the Federal Old-Age and Survivors Insurance Trust Fund and the Federal Disability Insurance Trust Fund in the ratio in which amounts were appropriated to such Trust Funds under clause (3) of subsection (a) of this section and clause (1) of subsection (b) of this section.

(3) Repayments made under paragraph (1) or (2) shall not be available for expenditures but shall be carried to the surplus fund of the Treasury. If it subsequently appears that the estimates under either such paragraph in any particular period were too high or too low, appropriate adjustments shall be made by the Managing Trustee in future payments.

(h) Benefit payments required to be made under section 223, and benefit payments required to be made under subsection (b), (c), or (d) of section 202 to individuals entitled to benefits on the basis of the wages, and self-employment income of an individual entitled to disability insurance benefits shall be made only from the Federal Disability Insurance Trust Fund. All other benefit payments required to be made under this title shall be made only from the Federal Old-Age and Survivors Insurance Trust Fund.

PAYMENTS AND REPORTS BY STATES

SEC. 218. (e) Each agreement under this section shall provide—

(1) that the State will pay to the Secretary of the Treasury, at such time or times as the Secretary of Health, Education, and Welfare may by regulations prescribe, amounts equivalent to the sum of the taxes which would be imposed by sections 3101 and 3111 of the Internal Revenue Code of 1954 if the services of employees covered by the agreement constituted employment as defined in section 3121 of such code; and

(2) that the State will comply with such regulations relating to payments and reports as the Secretary of Health, Education, and Welfare may prescribe to carry out the purposes of this section.

DEPOSITS IN TRUST FUNDS; ADJUSTMENTS

SEC. 218. (h) (1) All amounts received by the Secretary of the Treasury under an agreement made pursuant to this section shall be deposited in the Trust Funds in the ratio in which amounts are appropriated to such Funds pursuant to subsections (a)(3) and (b)(1) of section 201.

(2) If more or less than the correct amount due under an agreement made pursuant to this section is paid with respect to any payment of remuneration, proper adjustments with respect to the amounts due under such agreement shall be made, without interest, in such manner and at such times as may be prescribed by regulations of the Secretary of Health, Education, and Welfare.

(3) If an overpayment cannot be adjusted under paragraph (2), the amount thereof and the time or times it is to be paid shall be certified by the Secretary of Health, Education, and Welfare to the Managing Trustee, and the Managing Trustee, through the Fiscal Service of the Treasury Department and prior to any action thereon by the General Accounting Office, shall make payment in accordance with such certification. The Managing Trustee shall not be held personally liable for any payment or payments made in accordance with a certification by the Secretary of Health, Education, and Welfare.

FAILURE TO MAKE PAYMENTS

SEC. 218. (j) In case any State does not make, at the time or times due, the payments provided for under an agreement pursuant to this section, there shall be added, as part of the amounts due, interest at the rate of 6 per centum per annum from the date due until paid, and the Secretary of Health, Education, and Welfare may, in his discretion, deduct such amounts plus interest from any amounts certified by him to the Secretary of the Treasury for payment to such State under any other provision of this Act. Amounts so deducted shall be deemed to have been paid to the State under such other provision of this Act. Amounts equal to the amounts deducted under this subsection are hereby appropriated to the Trust Funds in the ratio in which amounts are deposited in such Funds pursuant to subsection (h) (1).

ADVISORY COUNCIL ON SOCIAL SECURITY FINANCING

SEC. 116. (a) There is hereby established an Advisory Council on Social Security Financing for the purpose of reviewing the status of the Federal Old-Age and Survivors Insurance Trust Fund and of the Federal Disability Insurance Trust Fund in relation to the long-term commitments of the old-age, survivors, and disability insurance program.

(b) The Council shall be appointed by the Secretary after February 1957 and before January 1958 without regard to the civil service laws and shall consist of the Commissioner of Social Security, as chairman, and of twelve other persons who shall, to the extent possible, represent employers and employees in equal numbers, and self-employed persons and the public.

(c) (1) The Council is authorized to engage such technical assistance, including actuarial services, as may be required to carry out its functions, and the Secretary shall in addition, make available to the Council such secretarial, clerical, and other assistance and such actuarial and other pertinent data prepared by the Department of Health, Education, and Welfare as it may require to carry out such functions.

(2) Members of the Council, while serving on business of the Council (inclusive of travel time), shall receive compensation at rates

fixed by the Secretary, but not exceeding $50 per day; and shall be entitled to receive actual and necessary traveling expenses and per diem in lieu of subsistence while so serving away from their places of residence.

(d) The Council shall make a report of its findings and recommendations (including recommendations for changes in the tax rates in sections 1401, 3101, and 3111 of the Internal Revenue Code of 1954) to the Secretary of the Board of Trustees of the Federal Old-Age and Survivors Insurance Trust Fund and the Federal Disability Insurance Trust Fund, such report to be submitted not later than January 1, 1959, after which date such Council shall cease to exist. Such findings and recommendations shall be included in the annual report of the Board of Trustees to be submitted to the Congress not later than March 1, 1959.

(e) During 1963, 1966, and every fifth year thereafter, the Secretary shall appoint an Advisory Council on Social Security Financing, with the same functions, and constituted in the same manner, as prescribed in the preceding subsections of this section. Each such Council shall report its findings and recommendations, as prescribed in subsection (d), not later than January 1, of the second year after the year in which it is appointed, after which date such Council shall cease to exist, and such report and recommendations shall be included in the annual report of the Board of Trustees to be submitted to the Congress not later than the March 1 following such January 1.

(f) The Advisory Council appointed under subsection (e) during 1963 shall, in addition to the other findings and recommendations it is required to make, include in its report its findings and recommendations with respect to extensions of the coverage of the old-age, survivors, and disability insurance program, the adequacy of benefits under the program, and all other aspects of the program.

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