1988 ANNUAL REPORT OF THE BOARD OF TRUSTEES OF THE FEDERAL OLD-AGE AND SURVIVORS INSURANCE AND DISABILITY INSURANCE TRUST FUNDS

COMMUNICATION

FROM

THE BOARD OF TRUSTEES, FEDERAL OLD-AGE AND SURVIVORS INSURANCE AND DISABILITY INSURANCE TRUST FUNDS

TRANSMITTING

THE 1988 ANNUAL REPORT OF THE BOARD, PURSUANT TO SECTION 201(c)(2) OF THE SOCIAL SECURITY ACT, AS AMENDED

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LETTER OF TRANSMITTAL

BOARD OF TRUSTEES OF THE FEDERAL OLD-AGE AND SURVIVORS INSURANCE AND DISABILITY INSURANCE TRUST FUNDS, Washington, D.C., MAY 5,1988

HONORABLE JAMES C. WRIGHT, JR. Speaker of the House of Representatives Washington, D.C.

HONORABLE GEORGE BUSH President of the Senate Washington, D.C.

GENTLEMEN: We have the honor of transmitting to you the 1988 Annual Report of the Board of Trustees of the Federal Old-Age and Survivors Insurance Trust Fund and the Federal Disability Insurance Trust Fund (the 48th such report), in compliance with section 201(c)(2)of the Social Security Act.

Respectfully,

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AMES A. BAKER, III, Secretary of the Treasury, and Managing Trustee of the Trust Funds.

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ANN MCLAUGHLIN, Secretary of Labor, and Trustee.

Bowen M.D.

OTIS R. BOWEN, M.D., Secretary of Health and Human Services, and Trustee.

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MARY FALVEY FULLER, Trustee.

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SUZANNE DENBO JAFFE, Trustee.

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DORCAS R. HARDY, Commissioner of Social Security, and Secretary, Board of Trustees.

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1988 ANNUAL REPORT OF THE BOARD OF TRUSTEES OF THE FEDERAL OLD-AGE AND SURVIVORS INSURANCE AND DISABILITY INSURANCE TRUST FUNDS

SUMMARY

Highlights

As shown in the 1988 Annual Report, the assets of the Old-Age and Survivors Insurance (OASI) Trust Fund increased by \$23.1 billion in calendar year 1987, reflecting the continuing growth in the economy. Although the Disability Insurance (DI) Trust Fund declined by \$1.1 billion, the growth in the combined trust funds, at \$21.9 billion, was larger than the growth estimated in the 1987 Annual Report on the basis of intermediate assumptions.

The trust funds are expected to continue growing for many years into the future. However, if experience is very adverse, the assets of the DI Trust Fund could decline to such a low level that financial problems could occur within the next 10 years.

The long-range 75-year estimates indicate that, under the intermediate assumptions, the OASDI program will experience about three decades of positive annual balances, with continuing annual deficits thereafter. The positive balances in the first part of the 75-year projection period nearly offset the later deficits, so that the program, as a whole, is in close actuarial balance. Over the long-range 75-year projection period, the OASDI program has an actuarial deficit of 0.58 percent of taxable payroll, based on the intermediate alternative II-B assumptions and calculated on a level-financing basis.

The combined trust funds are expected to accumulate to a maximum fund ratio of 531 percent of annual outgo in the year 2015, based on the alternative II-B assumptions. Thereafter, the fund ratio is estimated to decline until the funds are exhausted in 2048. Therefore, according to the alternative II-B projections, the OASDI program will have enough funds to cover expenditures for about 60 years into the future.

For OASI and DI, separately, the long-range actuarial deficits, based on the alternative II-B assumptions, are 0.45 percent and 0.13 percent of taxable payroll, respectively. The deficit for DI represents about 8.3 percent of the cost rate over the 75-year period, and the DI program is therefore not in close actuarial balance. However, the DI program could be brought into close actuarial balance by a small reallocation of the contribution rate from OASI to DI in such a way that the OASI program would still remain in close actuarial balance. Such reallocation is not being recommended by the Board of Trustees, but the DI program needs careful monitoring in both the short-range and the long-range periods.

1. Program Description

The OASDI program consists of two separate parts which pay monthly benefits to workers and their families:

- (1) Old-Age and Survivors Insurance (OASI) pays benefits after a worker retires and to survivors after a worker dies.
- (2) Disability Insurance (DI) pays benefits after a worker becomes disabled.

The Board of Trustees of the trust funds is required by law to report annually to the Congress on the financial condition of the funds and on estimated future results. The Board has five members, three of whom serve in an ex officio capacity: the Secretaries of the Treasury, Labor, and Health and Human Services. The Board also includes two members of the public, Mary Falvey Fuller and Suzanne Denbo Jaffe, who are serving 4-year terms which began on September 28, 1984.

Most OASDI revenue consists of contributions paid by employees, their employers, and the self-employed. (Additional contributions are paid into a separate trust fund for the Hospital Insurance part of Medicare. This summary focuses on OASDI and does not discuss Medicare.) The contribution rates are established by law. Contributions are paid on earnings not exceeding the earnings base—\$45,000 in 1988. The earnings base will rise in the future as average wages increase. The current and future OASDI contribution rates for employees and employers, each, are shown below (as percentages):

<u></u>		0	Total
Year	OASI		
1988-89	5.53 5.60	,53 ,60	6.06 6.20
1990-99	5.49	.71	6.20

Since 1984, a portion (not more than one-half) of OASDI benefits received by higher income beneficiaries is subject to Federal income taxation. The revenues collected as a result of this provision are transferred from the general fund of the Treasury to the trust funds.

The outgo of the OASI and DI Trust Funds consists of benefit payments and administrative expenses. Trust fund assets may not be used for any other purposes.

During periods when outgo temporarily exceeds income, trust fund assets are used to meet the shortfall. In the event of recurring shortfalls, the trust funds can allow time for legislation to be enacted to restore balance to the program. The assets of the trust funds are invested in U.S. Government securities bearing rates of interest similar to those for longterm securities issued to the general public.

2. Recent Results

During 1987, about 128 million workers made contributions to the OASDI program. At the end of September 1987, 38.1 million persons were receiving monthly benefits under the OASDI program. Administrative expenses represented about 1.1 percent of benefit payments in fiscal year 1987.

Income to the OASI and DI Trust Funds in fiscal year 1987 was \$226.9 billion, while outgo was \$207.3 billion. Thus, the assets of the combined funds increased by \$19.6 billion during the fiscal year. A summary of the OASDI financial operations in fiscal year 1987 is shown below (in billions):

Trust fund assets at end of fiscal year 1986	\$45.9
Income during year.	218.9
Contributions	3.3
Payments from general fund Net interest Total income	4.6
Total income	226.9
Outgo during year:	202.4
Administrative expenses	2.3 2.6
Curgo during year: Benefit payments	207.3
Net increase in assets during year	19.6
Trust fund assets at end of fiscal year 1987	65.4

Note: Totals may not equal sums of components, due to rounding.

3. Actuarial Estimates

The annual report contains 75-year estimates of each fund's financial operations and status. Because precise prediction of the future is impossible, alternative sets of assumptions, representing a reasonable range of possible future experience, are used to make short- and long-trange estimates. Future experience could, however, fall outside the range indicated by these assumptions.

Future OASDI income and outgo will depend on a variety of economic and demographic factors, including economic growth, inflation, unemployment, fertility, and mortality. Economic factors affect the levels of workers' earnings and OASDI benefits, while employment and demographic factors affect the numbers of people making contributions and receiving benefits.

This year's estimates were prepared using four alternative sets of assumptions. Two sets—alternatives II-A and II-B—are designated "intermediate." Both intermediate sets share the same demographic assumptions, but differ with respect to economic assumptions; somewhat more robust economic growth is assumed for alternative II-A than for alternative II-B. One set—alternative I—is designated "optimistic," and another—alternative III—is "pessimistic."

No single measure is used to assess the actuarial status of the OASDI funds. Short-range measures usually focus on the adequacy of reserves available to pay benefits. Long-range measures usually focus on the balance between income and outgo during the projection period as well as the adequacy of the reserves.

The contingency fund ratio is the usual measure of the OASDI program's ability to pay benefits on time in the near future. This ratio is the amount in the trust funds at the beginning of the year, including advance tax transfers for January, divided by that year's expenditures. Thus, if the trust fund ratio is 50 percent, the amount in the fund

represents about 6 months' outgo. At the beginning of 1988, the fund ratio for OASDI was about 41 percent. A ratio of 8 to 9 percent is required to pay benefits at the beginning of each month.

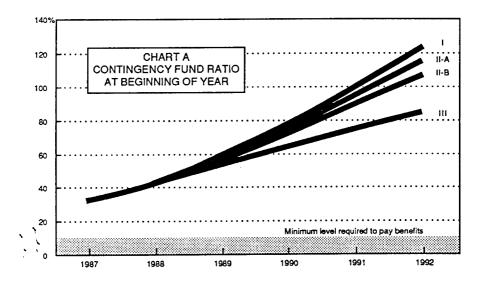
In analyzing the actuarial status of OASDI for the next 75 years, several different measures are commonly used. The *income rate* is the combined OASDI employee-employer contribution rate scheduled in the law, plus the income from taxation of benefits, expressed as a percentage of taxable payroll. The *cost rate* is the annual outgo expressed as a percentage of taxable payroll. Summarized income and cost rates over the 75-year projection period can be compared directly to measure the adequacy of the program's financing.

For the 75-year long-range projection period, the actuarial balance is the difference between the summarized estimated income rate and the summarized estimated cost rate. If this actuarial balance is negative, the program is said to have an actuarial deficit. Such a deficit is a warning that future changes may be needed in the program's financing or benefit provisions, although it does not present a complete picture without the other measures of financing discussed here.

4. Short-Range Financing (1988-92)

Estimates for the next 5 years are used to assess the adequacy of OASDI financing in the short range. In this period, the numbers of persons receiving OASDI benefits can be estimated fairly accurately. Changes in the national economy, however, which are difficult to predict, can have major effects on income and outgo.

The actuarial estimates shown in the 1988 report indicate that the combined assets of the OASI and DI Trust Funds will be sufficient to pay OASDI benefits on time throughout the 5-year period and for many years thereafter, based on all four sets of assumptions. In addition, the estimates based on alternatives I, II-A, and II-B indicate that the OASI and DI programs, separately, can operate satisfactorily for many years. During the next 10 years, however, if experience is very adverse, the assets of the DI Trust Fund could decline to such a low level that financial problems would occur. Chart A shows the OASDI contingency fund ratio for 1988, 41 percent, and the projected OASDI ratios for 1989-93, on the basis of all four sets of assumptions. The fund ratios are generally estimated to increase each year.



5. Long-Range Financing (1988-2062)

Long-range 75-year estimates for OASDI, although sensitive to variations in the assumptions, indicate the trend and general range of the program's future financial status. During this long-range period, income and outgo are greatly affected by demographic, as well as economic, conditions. Most of the beneficiaries during the next 75 years have already been born, so that their numbers are projected mainly from the present population. The numbers of workers involved in these projections, however, depend on future birth rates, which are subject to more variability.

Several important demographic trends are anticipated to raise the proportion of the aged in the population during the next 75 years. First, because of the large number of persons born in the two decades after World War II, rapid growth is expected in the aged population after the turn of the century. Second, assumed declines in death rates also would increase the numbers of aged persons. At the same time, birth rates, which began to decline in the 1960s and are assumed to remain relatively low in the future, would hold down the numbers of young people.

Chart B shows the long-range trend in the number of covered workers per OASDI beneficiary. ("Beneficiaries" includes not only retired workers, but also disabled workers, spouses, children, and survivor beneficiaries.) This ratio declined from 5.1 in 1960 to 3.4 in 1987. It is estimated to reach about 2 by about 2030, based on the intermediate assumptions, as the number of beneficiaries increases more rapidly than the number of covered workers.

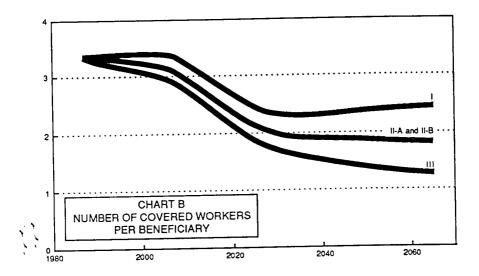
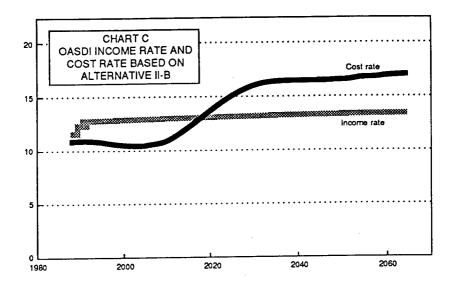
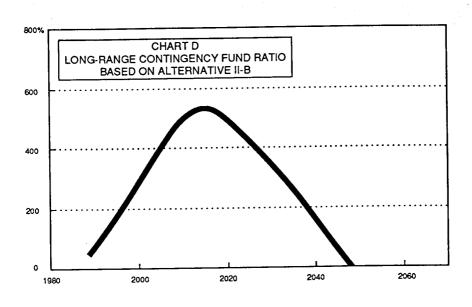


Chart C shows the estimated OASDI income and cost rates for the long-range projection period, based on the intermediate II-B assumptions. During the first three decades of this period, the estimates indicate that the income rate will generally exceed the cost rate, resulting in substantial positive balances each year. Beginning about 2020, the reverse is true, with the cost rate exceeding the income rate, thus resulting in substantial deficits. These positive balances and deficits do not reflect interest earnings, which result in trust fund growth continuing for about 10 to 15 years after the first actuarial deficits occur. The cost rate is estimated to increase rapidly after the first half of the 75-year projection period, primarily because the number of beneficiaries is projected to increase more rapidly than the number of covered workers.



For this report, long-range actuarial balances are calculated using "level-financing" methodology, a methodology that was used prior to 1973. The methodology discounts future surpluses and deficits using the real rate of interest. It is the most appropriate for summarizing the financial status of the OASDI system over the 75-year period, a period in which the trust funds build up during the early years when income exceeds outgo and are subsequently depleted during the final years when expenditures are expected to exceed income.

Chart D shows the projected OASDI contingency fund ratios for the 75-year period, based on the intermediate alternative II-B assumptions. The ratio rises steadily and peaks at 531 percent in 2015. After 2015, the ratio declines until the combined funds are exhausted in 2048. The importance of the trust fund accumulating reserves is emphasized by Chart D. As the chart shows, the build-up in the reserves will be needed to pay benefits later on to the increasing numbers of retired persons who were born in the high birth-rate years from the mid-1940s to the mid-1960s.



The table below presents a comparison of the level-financing income and cost rates for the 75-year long-range projection period, based on the four sets of assumptions. The figures are expressed as percentages of taxable payroll.

Assumptions	Income rate	Cost rate	Actuarial balance
	12.83	10.97	1.86
Optimistic Intermediate II-A	12.91	12.83	.08
	12.94	13.52	58
Intermediate II-B	13.07	16.49	-3.42
Pessimistic	10.01		

Note: Income rate, cost rate, and actuarial balance are defined in the text.

The long-range OASDI actuarial deficit of 0.58 percent of taxable payroll, based on the intermediate II-B assumptions, results from a levelfinancing income rate of 12.94 percent of taxable payroll over the 75year period and a level-financing cost rate of 13.52 percent over the period. The level-financing rates reflect the full effects of the assumed interest earnings of the trust funds. In the absence of other changes, the long-range actuarial balance will tend to decline slowly in future annual reports, as the valuation period moves forward and additional distant years of deficit are included in the valuation. The actuarial deficits in the later years of the 75-year projection period are caused primarily by the demographic trends described above.

I. THE BOARD OF TRUSTEES

The Federal Old-Age and Survivors Insurance Trust Fund and the Federal Disability Insurance Trust Fund are held by the Board of Trustees under the authority of section 201(c)(1) of the Social Security Act. The Board has five members, three of whom serve in an ex officio capacity: the Secretary of the Treasury, the Secretary of Labor, and the Secretary of Health and Human Services. The other two members, Mary Falvey Fuller and Suzanne Denbo Jaffe, are members of the public serving 4-year terms which began on September 28, 1984.

By law, the Secretary of the Treasury is designated as the Managing Trustee, and the Commissioner of Social Security is designated as the Secretary of the Board. The Board of Trustees reports to the Congress each year on the operations and status of the trust funds, in compliance with section 201(c)(2) of the Social Security Act. This annual report, for 1988, is the 48th such report.

II. SOCIAL SECURITY AMENDMENTS SINCE THE 1987 REPORT

Since the 1987 Annual Report was transmitted to the Congress on March 30, 1987, only one law affecting the OASDI program in a significant way has been enacted. The Omnibus Budget Reconciliation Act of 1987 (Public Law 100-203, enacted into law on December 22, 1987) included a number of provisions affecting the OASDI program. The more important legislative changes, from an actuarial standpoint, are described below.

- 1. The legislation made the following changes in coverage effective January 1, 1988:
 - a. Extends coverage to uniformed members of the Armed Forces reserve components while on inactive duty training (such as weekend drills), but without making them eligible for deemed military-service wage credits with respect to these services.
 - b. Covers all cash remuneration paid to an employee for agricultural services in a year by an employer if the employer's expenditures for agricultural labor in such year are \$2,500 or more. Eliminates the provision which covers agricultural employees who work at least 20 days for an employer for cash pay determined on an hourly or other time basis. The provision which covers agricultural employees who are paid \$150 or more in a year by an employer continues to apply in the case of employers who spend less than \$2,500 in a year for agricultural services.
 - c. Covers employer-paid premiums for an employee's groupterm life insurance to the extent that the premiums exceed the employer cost for \$50,000 of such insurance.
 - d. Covers services performed by (1) an individual in the trade or business of his or her spouse and (2) a child between the ages of 18 and 21 in the trade or business of his or her parent. (Children aged 21 and older were already covered.)
 - e. Requires employers to pay Social Security taxes on the full amount of covered tips. Under prior law, employers were required to pay taxes on only that part of tip income deemed to be wages under the Federal minimum-wage law.
 - f. Provides, for Social Security purposes, that income attributable to services as a director of a corporation during a taxable year is deemed to be received in the year in which it is earned (unless actually received in an earlier year).
- 2. Other changes made by the Omnibus Budget Reconciliation Act of 1987 were:
 - a. Requires Federal employees who transfer from the Civil Service Retirement System (CSRS) into the Federal Employees' Retirement System (FERS) after December 31, 1987, to have 5 years of Federal employment covered by the OASDI program in order to be exempt from the government pension offset provision. (Under the govern-

ment pension offset provision, spouse's and surviving spouse's benefits under OASDI are generally reduced if the person entitled to such benefits also receives a pension his or her own work in noncovered based on employment-such as Federal employment under CSRS.) Although the "open season," that began July 1, 1987, for transferring to FERS ended on December 31, 1987, persons could transfer to FERS after that date because, for example, they are rehired after leaving Federal employment or because, as another example, legislation authorizing another "open season" for transferring to FERS may be enacted at some point in the future. Federal employees who transferred into FERS by December 31, 1987, continue to be exempt from the government pension offset provision.

- b. Nullifies prospectively the Social Security Administration's March 31, 1987, limit of \$1,500 on the amount of attorney fee requests that may be approved by administrative law judges in hearings offices, and restores the previous \$3,000 limit; prohibits issuance of new attorney fee regulations by the Social Security Administration prior to July 1, 1989; and requires the Department of Health and Human Services and the General Accounting Office to each conduct a study of attorney fee issues and report to Congress on their findings and recommendations.
- c. Extends for 1 year a provision that enables disability beneficiaries, whose benefits would otherwise be terminated due to a determination of medical cessation of disability, to have their benefits temporarily continued while they are appealing that cessation decision. Under the provision, benefits may be continued until an administrative law judge makes a decision on the appeal. The provision was extended to include determinations made prior to January 1, 1989. However, benefits may not be continued under this provision beyond June 1989.
- d. Extends a disabled beneficiary's automatic reentitlement period (previously 15 months) to 36 months. During this extended period of eligibility, benefits that are stopped because of work may be reinstated without the filing of a new application if the work ceases or falls below a specified level.

Detailed information regarding these changes can be found in documents prepared by and for the Congress. The actuarial estimates shown in this report reflect the anticipated effects of these changes.

III. BASIS FOR TRUST FUND RECEIPTS AND EXPENDITURES

The Federal Old-Age and Survivors Insurance Trust Fund was established on January 1, 1940, as a separate account in the United States Treasury. All the financial operations of the OASI program are handled through this fund. The Federal Disability Insurance Trust Fund is another separate account in the United States Treasury; it was established on August 1, 1956. All the financial operations of the DI program are handled through this fund.

The primary receipts of these two funds are amounts appropriated to each of them under permanent authority on the basis of contributions paid by workers, their employers, and individuals with self-employment income, in work covered by the OASDI program. Beginning January 1, 1987, these appropriated amounts include contributions paid by, or on behalf of, workers employed by State and local governments and by such employers, with respect to wages covered under the program through State agreements. (Prior to 1987, such contributions were collected by the State and deposited directly into the trust funds.) All employees, and their employers, in covered employment are required to pay contributions with respect to their wages. Employees, and their employers, are also required to pay contributions with respect to cash tips if their monthly cash tips amount to at least \$20. (Prior to 1988, employers were required to pay contributions on only that part of tip income deemed to be wages under the Federal minimum-wage law.) All self-employed persons are required to pay contributions with respect to their covered net earnings from self-employment. In addition to making the required employer contributions on the wages of covered Federal employees, the Federal Government also pays amounts equivalent to the employer and employee contributions that would be paid on deemed wage credits attributable to military service performed after 1956 if such wage credits were covered wages.

In general, an individual's contributions, or taxes, are computed on annual wages or net earnings from self-employment, or both wages and net self-employment earnings combined, up to a specified maximum annual amount. The contributions are determined first on the wages and then on any net self-employment earnings, such that the total does not exceed the annual maximum amount. An employee who pays contributions on wages in excess of the annual maximum amount (because of employment with two or more employers) is eligible for a refund of the excess employee contributions. The monthly benefit amount to which an individual (or his or her spouse and children) may become entitled under the OASDI program is based on the individual's taxable earnings during his or her lifetime. In computing benefits for almost all persons who first become eligible to receive benefits in 1979 or later, the earnings in each year are indexed to take account of increases in average wage levels. The maximum amount of earnings on which contributions are payable in a year, and which is also the maximum amount of earnings creditable in that year for benefit-computation purposes, is called the contribution and benefit base.

The contribution rates, or tax rates, applicable in each calendar year, and the allocation of the rates between the two trust funds, are shown in table 1. For 1989 and later, the rates shown are those scheduled in present law. The contribution and benefit bases are also shown in table 1. The bases for 1975-78 were determined under the automatic-adjustment provisions in section 230 of the Social Security Act. The bases for 1979-81 were specified in the law, as amended in 1977. The bases for 1982-88 were again determined under the automatic-adjustment provisions, as will be the bases in 1989 and later.

Calendar years			Cor	ntribution ra	tes (percent	9	
	Contribution and benefit	Employees	Employees and employers, each		Self-employed		
	and benefit base	OASDI	OASI	DI	OASDI	OASI	D
1937-49	\$3,000	1.000	1.000	_			
950	3.000	1.500	1.500	_		-	
951-53	3,600	1.500	1.500	_	2.2500	2.2500	
	3,600	2.000	2.000	_	3.0000	3.0000	_
954	4,200	2,000	2.000	_	3.0000	3.0000	_
955-56	4,200	2.000	2.000		0.0000		
957-58	4,200	2.250	2.000	0.250	3.3750	3.0000	0.375
959	4,800	2,500	2.250	.250	3.7500	3.3750	.375
960-61	4,800	3.000	2.750	.250	4.5000	4.1250	.375
	4,800	3,125	2.875	.250	4,7000	4.3250	.375
962	4,800	3.625	3.375	.250	5.4000	5.0250	.375
903-03	4,000	0.020	••••				
966	6,600	3.850	3.500	.350	5.8000	5.2750	.525
967	6,600	3,900	3.550	.350	5.9000	5.3750	.525
	7,800	3.800	3.325	.475	5,8000	5.0875	.712
968	7,800	4.200	3.725	.475	6.3000	5.5875	.712
969		4.200	3.650	.550	6.3000	5.4750	.825
970	7,800	4.200	3.050		0.0000	0	
971	7.800	4,600	4.050	.550	6.9000	6.0750	.825
972	9,000	4,600	4.050	.550	6.9000	6.0750	.825
	10,800	4,850	4.300	.550	7.0000	6.2050	.795
973	13,200	4,950	4.375	.575	7.0000	6.1850	.815
974		4.950	4.375	.575	7.0000	6,1850	.815
975	14,100	4.500	4.373		1.0000		
976	15,300	4.950	4.375	.575	7.0000	6.1850	.815
977	16.500	4,950	4.375	.575	7.0000	6.1850	.815
	17,700	5.050	4.275	.775	7.1000	6.0100	1.090
978		5.080	4.330	.750	7.0500	6.0100	1.040
979	22,900		4,520	.560	7.0500	6.2725	.777
980	25,900	5.080	4.520		1.0000	0.2120	
981	29,700	5.350	4,700	.650	8.0000	7.0250	.975
982	32,400	5,400	4.575	.825	8.0500	6.8125	1.237
962	35,700	5,400	4,775	.625	8.0500	7.1125	.937
983		5,700	5,200	.500	11,4000	10.4000	1.000
984'	37,800	5,700	5,200	.500	11,4000	10,4000	1.000
985'	39,600	5.700	5.200		11.4000		
9861	42,000	5,700	5.200	.500	11.4000	10.4000	1.000
987'	43,800	5,700	5,200	.500	11.4000	10.4000	1.000
	45,000	6.060	5,530	.530	12,1200	11.0600	1.060
988 ¹	45,000	0.000	0.000				
Rates scheduled in							
present law:							
9891	(*)	6.060	5.530	.530	12.1200	11.0600	1.060
990-99	Ж	6.200	5,600	.600	12.4000	11.2000	1.200
	(ř) (ř)	8.200	5,490	.710	12,4000	10.9800	1.420
2000 and later	()	0.200	0.400				

TABLE 1.-CONTRIBUTION AND BENEFIT BASE AND CONTRIBUTION RATES

'See text for description of tax credits.

"Subject to automatic adjustment.

In 1984 only, an immediate credit of 0.3 percent of taxable wages was allowed against the OASDI contributions paid by employees. In accordance with the law, this credit was implemented by a deliberate underwithholding of the employee contributions for 1984, resulting in an effective contribution rate of 5.4 percent (as compared to the employer rate of 5.7 percent). The appropriations of contributions to the trust funds, however, were based on the combined employee-employer rate of 11.4 percent, as if the credit for employees did not apply. Similar credits of 2.7 percent, 2.3 percent, and 2.0 percent are allowed against the combined OASDI and Hospital Insurance (HI) contributions on net earnings from self-employment in 1984, 1985, and 1986-89, respectively. The appropriations of contributions to the trust funds, however, are based on the contribution rates, before adjustment for the credit, that apply in each year. After 1989, self-employed persons will be allowed a deduction, for purposes of computing their net earnings, equal to half of the combined OASDI and HI contributions that would be payable without regard to the contribution and benefit base. The contribution rate is then applied to net earnings after this deduction, but subject to the base. This provision will reduce contributions for those self-employed persons with earnings less than, or not greatly above, the contribution and benefit base.

All contributions, except for amounts received under State agreements for covered wages paid prior to January 1, 1987, are collected by the Internal Revenue Service and deposited in the general fund of the Treasury. The exact amount of contributions received is not known initially because amounts paid under the OASDI and HI programs and individual income taxes are not separately identified in collection reports received by the Internal Revenue Service.

Amounts representing the estimated total collections of OASDI contributions by the IRS for each month are credited to the OASI and DI Trust Funds on the first day of the month. Because these estimated collections are credited to the trust funds on the first of the month, instead of throughout the month as contributions are actually received, the trust funds pay interest to the general fund to reimburse it for the interest costs attributable to these advance transfers. Periodic adjustments (principal only) are subsequently made to the extent that the estimates are found to differ from the amounts of contributions actually payable as determined from reported earnings. Adjustments are also made to account for any refunds to employees (with more than one employer) who paid contributions on wages in excess of the contribution and benefit base.

Beginning in 1984, a portion (not more than one-half) of OASDI benefits is subject to Federal income taxation under certain circumstances. The proceeds from this taxation of benefits are credited to the trust funds, in advance, on an estimated basis, at the beginning of each calendar quarter, with no reimbursement to the general fund for interest costs attributable to the advance transfers. Subsequent adjustments are made based on the actual amounts as shown on annual income tax records. The amounts appropriated from the general fund of the Treasury are allocated to the OASI and DI Trust Funds on the basis of the income taxes paid on the benefits from each fund. (A special provision applies to benefits paid to non-resident aliens. A flat-rate tax, usually 15 percent, is withheld from the benefits before they are paid and, therefore, remains in the trust funds.)

Another source of income to the trust funds is interest received on investments held by the trust funds. That portion of each trust fund which, in the judgment of the Managing Trustee, is not required to meet current expenditures for benefits and administration is invested, on a daily basis, in interest-bearing obligations of the U.S. Government (including special public-debt obligations described below), in obligations guaranteed as to both principal and interest by the United States, or in certain federally sponsored agency obligations that are designated in the laws authorizing their issuance as lawful investments for fiduciary and trust funds under the control and authority of the United States or any officer of the United States. These obligations may be acquired on original issue at the issue price or by purchase of outstanding obligations at their market price.

The Social Security Act authorizes the issuance of special public-debt obligations for purchase exclusively by the trust funds. The Act provides that these obligations shall bear interest at a rate equal to the average market yield (computed 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 4 years from the end of such calendar month. These special issues are always redeemable at par value and thus bear no risk with respect to the interest rate (i.e., risk due to price fluctuations).

Income is also affected by provisions of the Social Security Act for (1) transfers between the general fund of the Treasury and the OASI and DI Trust Funds for any adjustments to prior payments for the cost arising from the granting of noncontributory wage credits for military service prior to 1957, according to periodic determinations made by the Secretary of Health and Human Services; (2) annual reimbursements from the general fund of the Treasury to the OASI Trust Fund for any costs arising from the special monthly cash payments to certain uninsured persons—i.e., those who attained age 72 before 1968 and who generally are not eligible for cash benefits under other provisions of the OASDI program; and (3) the receipt of unconditional money gifts or bequests made for the benefit of the trust funds or any activity financed through the funds.

The major expenditures of the OASI and DI Trust Funds are for (1) OASDI benefit payments, net of any reimbursements from the general fund of the Treasury for unnegotiated benefit checks, and (2) expenses incurred by the Department of Health and Human Services and by the Department of the Treasury in administering the OASDI program and the provisions of the Internal Revenue Code relating to the collection of contributions. Such administrative expenses include expenditures for construction, rental and lease, or purchase of office buildings and related facilities for the Social Security Administration. The Social Security Act does not permit expenditures from the OASI and DI Trust Funds for any purpose not related to the payment of benefits or administrative costs for the OASDI program.

The expenditures of the trust funds are also affected by (1) costs of vocational rehabilitation services furnished as an additional benefit to disabled persons receiving cash benefits because of their disabilities where such services contributed to their successful rehabilitation, and (2) the provisions of the Railroad Retirement Act which provide for a system of coordination and financial interchange between the Railroad Retirement program and the Social Security program. Under these provisions, transfers between the Railroad Retirement program's Social Security Equivalent Benefit Account and the trust funds are made on an annual basis in order to place each trust fund in the same position in which it would have been if railroad employment had always been covered under Social Security.

The net worth of facilities and other fixed capital assets is not carried in the statements of the operations of the trust funds presented in this report. This is because the value of fixed capital assets does not represent funds available for the payment of benefits or administrative expenditures, and therefore is not considered in assessing the actuarial status of the trust funds.

From December 29, 1981, until January 1, 1988, the Social Security Act authorized borrowing among the OASI, DI, and HI Trust Funds when necessary "to best meet the need for financing the benefit payments" from the three funds. (Although the initial borrowing authority expired at the end of 1982, the Social Security Amendments of 1983 reinstated the borrowing authority and extended it through 1987.) Interfund loans under the borrowing authority were made to the OASI Trust Fund from the DI and HI Trust Funds in November and December 1982. The loans were fully repaid by May 1, 1986. No additional interfund loans were made after 1982. In this report, the assets of the OASI Trust Fund, as of the end of each year 1982-85, include any amounts then owed to the DI and HI Trust Funds. The assets of the trust funds to which amounts were owed do not include such amounts. This procedure is followed because the borrowed amounts were available for the payment of benefits or other obligations of the OASI fund, while such amounts were not readily available to the lending funds.