ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30
1954

INCLUDING REPORT ON

THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER

FOR THE CALENDAR YEAR
1953

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Director of the Mint

LETTER OF TRANSMITTAL

DEPARTMENT OF THE TREASURY,
BUREAU OF THE MINT,
Washington, D. C., January 3, 1955.

SIR: In compliance with the provisions of section 345 of the Revised Statutes of the United States, I have the honor to submit a report on the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1954. This is the Eighty-second Annual Report of the Director of the Mint since the establishment in 1873 of the Bureau of the Mint in the Department of the Treasury. Annual reports of mint activities, however, have been made since the first mint was authorized in 1792. The annual report of this Bureau on United States production and consumption of gold and silver for the calendar year 1953 is also submitted.

Respectfully,

Wm. H. Brett
Director of the Mint.

Hon. G. M. HUMPHREY,
Secretary of the Treasury.

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REPORT ON OPERATIONS OF THE BUREAU OF THE MINT, FISCAL YEAR 1954

The principal functions of the Bureau of the Mint are the manufacture of coins and the acquisition and continuous safeguarding of the Government's holdings of the monetary metals. Gold, silver, coins, and other values in custody of the Mint during the fiscal year 1954 totaled over $24 billion.

The Mint manufactures all domestic coins for the United States, its possessions, and other areas where United States coins are legal tender. Foreign coins are also manufactured on a reimbursable basis for other governments, when orders can be met without impeding the required domestic coinage. Over a period of years, the Mint has made foreign coins for 36 different governments.

Gold and silver deposits are received in many forms, requiring assaying, melting, refining, and other forms of processing, also movement and storage. Disposition of gold and silver includes the exchange of fine bars for bullion deposited; the sale of bars, including the sale of gold for domestic industrial, professional, and artistic use; and the withdrawal of gold in connection with the settlement of international balances. Treasury licenses required for the acquisition, ownership, possession, use, and exportation of gold are issued by the Mint.

Other activities of the Mint include the manufacture of medals of a national character and special medals for other Government agencies, and the performance of miscellaneous services for the Government and the public.

The number of employees of the Bureau ranged from 1,011 at the beginning of fiscal year 1954 to 883 at the close of the year in seven field institutions and the Office of the Director in Washington, D. C. Institutions consist of three coinage mints located in Philadelphia, Pennsylvania, San Francisco, California, and Denver, Colorado; two assay offices located in New York City and Seattle, Washington; and two bullion depositories, one for gold at Fort Knox, Kentucky, and one for silver at West Point, New York which operates as an adjunct of the New York Assay Office. Electrolytic refineries are located in the Denver and San Francisco Mints, and the New York Assay Office. The Medal and Engraving Division is located in the Philadelphia Mint, and "proof" coins are also manufactured there.

The three mints manufactured a total of 1,452 million United States coins with a face value of $100 million during the fiscal year 1954, as follows:

Denomination	Number of pieces produced	Face value	Gross weight[1]
	In millions		Short tons
1-cent pieces	835	$8	2,862
5-cent pieces	162	8	894
Dimes	284	29	781
Quarter dollars	121	30	835
Half dollars	50	25	690
Total	1,452	100	6,062

[1] Includes 2,076 tons silver; 3,620 tons copper; 223 tons nickel; and 143 tons zinc and tin.

In addition to domestic coinage, the Philadelphia Mint manufactured 18 million foreign coins containing 78 tons of metals for the Governments of Costa Rica, Cuba, and the Dominican Republic. The San Francisco Mint manufactured 20 million coins containing 76 tons of metals for the Government of El Salvador.

The Mint was assigned additional duties in connection with the distribution of United States coins during the year. Treasury Department Order No. 179, effective December 1, 1953, transferred from the Treasurer of the United States to the Bureau of the Mint functions pertaining to distribution and transfer of current and uncurrent coins among the Mints, Federal Reserve Banks, Federal Reserve branches, the Treasurer of the United States, and such other persons or institutions as necessary.

Requisitions of coins for circulation totaled 1,213 million pieces during the fiscal year. Details are as follows:

Denomination	Number of pieces shipped	Face value	Gross weight
	In millions		Short tons
1-cent pieces	813	$8	2,786
5-cent pieces	132	7	725
Dimes	171	17	471
Quarter dollars	70	18	486
Half dollars	18	9	251
Silver dollars	9	9	273
Total[1]	1,213	68	4,992

[1] Includes 180,322 sets of proof coins sold.

The estimated stock of coins in the United States and its possessions, including coins held in the Treasury, banks, and in the hands of the public, is compared at the beginning and close of the fiscal year 1954 in the following statement:

Stock of coins	Face value (in millions)		
	July 1, 1953	June 30, 1954	Net change
Silver dollars	$491.5	$491.0	-$0.5
Subsidiary silver coins	1,193.8	1,275.7	+81.9
Minor coins	418.7	434.7	+16.0
Total	2,104.0	2,201.4	+97.4

Gold holdings of the mint institutions ranged from 641.8 million fine ounces valued at $22,462.7 million at the beginning of the fiscal year 1954 to 626.5 million fine ounces valued at $21,926.9 million at the close of the year, a net decrease of 15.3 million ounces valued at $535.8 million. Transactions, excluding intermint transfers, are summarized for the fiscal year 1954 in the following table.

Gold transactions, excluding intermint transfers (in millions)

	Ounces	Value
Gold received		
Newly mined domestic gold	1.5	$51.0
Secondary gold from domestic sources	.2	7.7
U. S. coin, foreign deposits, operative recoveries, etc	.2	8.8
	1.9	[1] 67.5
Gold withdrawn		
Sold for domestic industry, profession, or art	1.0	33.8
Gold bar payment for gold deposits	.1	4.4
Withdrawn by the Treasury for monetary purposes	16.1	565.1
	17.2	603.3

[1] Includes $370.32 increment on gold coin and bullion received at $20.67+ per fine ounce.

Silver bullion holdings of the Bureau of the Mint ranged from 1,339.1 million fine ounces valued at $1,685.0 million at the beginning of the fiscal year 1954 to 1,437.4 million fine ounces valued at $1,850.9 million at the close of the year, a net increase of 98.3 million ounces valued at $165.9 million. Transactions, excluding intermint transfers, are summarized for the fiscal year in the following table.

Silver transactions, excluding intermint transfers (in millions)

	Ounces	Value
Silver received		
Newly mined domestic silver	33.8	$30.5
Secondary silver from domestic sources	.5	.4
Recoinage bullion from uncurrent U. S. coins withdrawn from circulation	1.3	1.7
Leased Treasury silver returned by other agencies of the Federal Government	119.4	154.4
Purchase from Reconstruction Finance Corporation	4.2	3.0
Foreign deposits, operative recoveries, etc	.1	.1
Seigniorage on bullion revalued as security for silver certificates	.....	9.4
	159.3	199.5
Silver disposed of		
Manufactured into U. S. subsidiary coins	60.5	33.2
Silver bar payment for silver deposits	.5	.4
Sold in medals, sweeps, etc	([1])	([1])
	61.0	33.6

[1] Less than 50,000 ounces or dollars.

Under the terms of a formal agreement, dated May 6, 1942, between the Treasury Department and the Defense Plant Corporation, 524,818,002.72 fine troy ounces of Treasury silver bullion, in the form of 1,000 ounce commercial bars, were loaned to the Defense Plant Corporation during the fiscal years 1942 and 1943. This silver was to be used for non-consumptive purposes in defense plants throughout the country to relieve a critical shortage of copper. The entire amount of silver loaned was delivered from the

New York Assay Office and the West Point Bullion Depository, from the Silver Purchase Act (June 19, 1934) account. The agreement, which called for the return of silver in the same form and fineness as delivered, was subsequently transferred to the Reconstruction Finance Corporation.

A large portion of the leased silver was fabricated into electrical conductors (bus-bars) for installation in aluminum and magnesium plants and other factories engaged in war work. After the war, when these installations were no longer required, the Corporation was confronted with the problem of having the silver melted into its original form and returned to the Mint. After obtaining estimates on the cost of melting the silver, from several private industrial concerns, it was determined that it would be far more economical to return it to the Mint in bus-bar form, and have it melted into 1,000 ounce bars, or coinage ingots, in the Mint. Arrangements were accordingly made for the return of all silver held by the Corporation to the Mint, to be held in custody account until melted into bars or coinage ingots, with reimbursement to the Mint for melting and related costs.

Silver was accordingly returned to Mint plants, chiefly during the fiscal year 1947, in the following amounts:

Mint institution	Fine ounces returned
Philadelphia Mint	99,654,086.09
Denver Mint	229,536,848.37
New York Assay Office	195,627,068.26
Total	524,818,002.72

In addition to the above amounts, the Corporation accumulated a reserve amount of several million ounces to provide for melting losses, which was later made available to the Mint.

The silver melting program was commenced during the fiscal year 1947 and completed in May 1954. The silver melting program was purposely continued over a period of several years in order that a greater portion of the bus-bars could be melted direct into coinage ingots. Permanent receipts were issued to the Corporation after each lot was melted, and the silver, including the reserve amount, was taken into the various silver accounts in the following amounts:

Account returned to:	Fine troy ounces
Silver Securing Certificates	400,000,000.00
Silver Purchase Act Silver	124,818,002.72
Silver Bullion Ordinary	4,242,879.13
Total	529,060,881.85

All silver was originally loaned from the Silver Purchase Act account. As the balance of silver in the Mints available for coinage became depleted, "book transfers" were made periodically transferring (a) Silver Purchase Act silver to the Mint, and (b) a like amount of Silver Securing Certificates to the Corporation.

After credit was given to the Corporation for the 524,818,002.72 fine troy ounces of silver loaned, the Mint purchased the reserve amount of 4,242,879.13 fine ounces as Silver Bullion Ordinary, at 71+ cents per fine ounce, and deposited the proceeds amounting to $3,012,444.18 into the Treasury as a miscellaneous receipt on June 15, 1954. A full accounting of the above transactions was made to the Reconstruction Finance Corporation in June 1954 and it was mutually agreed by the Corporation and the Treasury Department that the entire transaction was satisfactorily concluded.

Revenues deposited by the Bureau of the Mint into the general fund of the Treasury during the fiscal year 1954 totaled $73.8 million and were composed principally of seigniorage. Seigniorage on silver subsidiary coinage amounted to $50.4 million, on minor coinage $13.5 million, and on silver bullion revalued from cost to monetary value as security for silver certificates, $9.4 million.

Internal audit:

The scope of the internal audit program was expanded during the fiscal year and included the following:

(1) Appraisal and review in the Washington office of financial statements and reports submitted periodically by the field institutions.

(2) Audit surveys of the field institutions.

(3) Annual settlements at the mints and assay offices and inspection of "joint seals" at the bullion depositories.

Typical auditing actions included:

(1) Review of accounting procedures and practices at the field plants.

(2) Review and examination of storekeeping and inventory procedures.

(3) Spot check of stores inventories by physical count, of a representative number of selected items.

(4) Review of deposit procedures for compliance with mint regulations.

(5) Audit of cash transactions and verification of cash balances under the control of mint cashiers.

(6) Review of imprest fund transactions and verification of cash balances under the control of imprest fund cashiers.

(7) Audit of proof coin and medal sales at Philadelphia and verification of medal inventory.

(8) Review and appraisal of protection and security measures in effect at the various field installations.

(9) Physical verification by weight and/or count of all gold and silver bullion, coin, cash and all other monetary assets not under "joint seal".

The results of the internal audit work performed indicate that:

(1) The accounting records are reliable and afford a full disclosure of the financial results of operations at the field plants.

(2) Reports submitted by the field establishments to the Washington office are in agreement with and supported by the accounting records.

(3) Prescribed accounting procedures are generally being observed.

(4) Mint regulations with respect to the receipt, processing, and payment of bullion deposits are being observed.

(5) Control over monetary assets, stores, equipment and other values are satisfactory and adequate.

(6) Protective and security measures in force are effective and provide adequate protection for the values in custody of the various mint establishments.

Management improvement:

The management improvement program of the Bureau of the Mint continued actively during the fiscal year 1954. Management surveys of the coinage mints and the New York Assay Office, with emphasis on changes in organization and procedures for the purpose of reducing costs, were completed. Estimated annual savings resulting from the program are summarized in the following statement:

Management improvement program, Bureau of the Mint, fiscal year 1954

Description	Estimated annual savings
1. Shipment of minor coins in truckload lots by motor carrier and silver coins by armored truck where available, instead of Railway Express or Parcel Post	$250,000
2. Elimination of unnecessary guard posts	38,000
3. Elimination of repeated weighing of coinage metals between processes	38,000
4. Elimination of transfer weighing of coinage metals between melting and refining and coining divisions	36,000
5. Consolidation of cashier's and deposits divisions	20,000
6. Installation of overhead cranes handling 500-pound containers to deliver blanks to presses and remove finished coins from presses at Philadelphia. Eliminates manual handling and number of operators	15,000
7. Construction of underground bins for copper and improved coin storage and loading facilities at Denver	9,000
8. Design and construction of conveyor layout for handling silver bullion after casting operation at N. Y. Assay Office. Eliminates manual handling of 1,000 ounce bars during stamping, cleaning, and inspection operations	5,000
9. Installation of new annealing furnace and cleaning and drying equipment at San Francisco. Reduces cost of cleaning agents and number of operators	5,000
10. Transfer to N. Y. Assay Office of gold sales from Denver and mail deposit transactions from Philadelphia, and elimination of excess work connected with gold deposits and sales	4,300
11. Construction and use of grapple lifting 24 gold bars at one time by N. Y. Assay Office. Eliminates manual lifting of bars one at a time on and off truck or scale. Also decreases possibility of injury to employees	4,000
Total recurring annual savings to Mint operating appropriation and funds[1]	424,300

[1] In addition, a warehouse formerly used by the Philadelphia Mint was released with annual savings to GSA of $5,700, and a total of $32,898 was deposited as general fund receipts from the sale of surplus and obsolete supplies and equipment.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1953

REPORT ON UNITED STATES PRODUCTION OF GOLD AND SILVER, CALENDAR YEAR 1953

The official United States Government estimate of domestic gold and silver production, made annually by the Bureau of the Mint, is based upon arrivals of these metals at Government Mints and Assay Offices and at privately owned refineries. The Mints and Assay Offices determine the State source of all newly mined unrefined material at the time deposits are received. The State source of material received by private refiners is determined from information submitted by them and by intervening smelters, mills, and other plants involved in the reduction processes.

During the calendar year 1953 the Mints and Assay Offices received deposits containing 1,429,870 fine ounces of newly mined domestic gold, with a value of $50,045,464. This was an increase of 2.1 percent, or more than $1 million over the amount received in 1952 when deposits totaled 1,400,863 fine ounces with a value of $49,020,196. Arrivals in 1953 included 518,757 fine ounces in unrefined material mined in 12 States and the Territory of Alaska, and 911,113 fine ounces of bullion from private refineries. The Philadelphia, San Francisco, and Denver Mints and the New York and Seattle Assay Offices received the following deposits of newly mined domestic gold in 1953:

Newly mined domestic gold received by United States Mints and Assay Offices, calendar year 1953, in fine ounces (to thousandths of an ounce)

Source	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
Alaska	18.316	2,458.922	19.142	14,367.961	246,962.605	263,826.946
Arizona	.....	237.903	.....	.....	.....	237.903
California	.....	108,929.086	82.835	.....	.....	109,011.921
Colorado	.....	.....	74,437.067	.....	.....	74,437.067
Idaho	.....	6,330.634	352.384	.....	5,900.893	12,583.911
Montana	.....	2.781	1,115.740	.....	105.589	1,224.110
Nevada	.....	20,111.237	33.567	.....	14,611.410	34,756.214
New Mexico	.....	284.668	8.730	.....	.....	293.398
Oregon	.....	239.980	.....	.....	7,124.546	7,364.526
South Dakota	.....	.....	14,820.100	.....	.....	14,820.100
Utah	.....	24.387	.....	.....	.....	24.387
Washington	.....	.....	.....	.....	36.963	36.963
Wyoming	.....	.....	1.395	.....	.....	1.395
Unallocated	63.635	.....	74.975	.....	.....	138.610
Subtotal	81.951	138,619.598	90,945.935	14,367.961	274,742.006	518,757.451
Private refineries	.....	31,333.832	779,645.105	100,127.262	6.763	911,112.962
Total	81.951	169,953.430	870,591.040	114,495.223	274,748.769	1,429,870.413

United States production of gold in 1953, including deposits made at Government Mints and Assay Offices and the various private refineries during the year, amounted to 1,970,000 fine ounces valued at $68,950,000. This was a gain of 2.2 percent over the previous calendar year's production of 1,927,000 fine ounces valued at $67,445,000. South Dakota was the State of leading production, followed by Utah, Alaska, and California. Percentage-wise, South

Dakota's production was 12.8 percent greater than in 1952, Utah's, 2.8 percent, and Alaska's, 6.1 percent. A decrease in 1953 production caused California to rank fourth instead of third as in 1952, with Alaska moving from fourth place in 1952 to third in 1953. The combined output of the four accounted for over three-fourths of the total production. Output of the 16 producing States and the Territory of Alaska is shown in the following table.

Production of gold in the United States during the calendar year 1953 (based upon arrivals at United States Mints and Assay Offices and at private refineries)

State in which mined	Fine ounces	Value at $35 per fine ounce	State in which mined	Fine ounces	Value at $35 per fine ounce
Alaska	265,100	$9,278,500	South Dakota	532,300	$18,630,500
Arizona	112,000	3,920,000	Tennessee	260	9,100
California	240,000	8,400,000	Texas	8	280
Colorado	122,000	4,270,000	Utah	462,800	16,198,000
Idaho	26,000	910,000	Vermont	170	5,950
Montana	24,600	861,000	Washington	62,500	2,187,500
Nevada	110,000	3,850,000	Wyoming	2	70
New Mexico	2,700	94,500			
Oregon	8,300	290,500	Total[1]	1,970,000	68,950,000
Pennsylvania	1,260	44,100			

[1] Grand total production 1792-1953 amounts to 290,168,171 fine ounces. The last published annual summary (1792-1951) appears on page 16 of the 1952 Annual Report.

During the calendar year 1953 the Mints and Assay Offices received 33,426,620 fine ounces of newly mined domestic silver, consisting of 912,401 fine ounces in unrefined materials mined in 12 States and the Territory of Alaska, and 32,514,219 fine ounces of bullion from private refineries. Of the total 33,426,620 ounces received, 33,401,827 ounces qualified under the act of July 31, 1946 with return to the depositors of 90.50505 cents per fine ounce, or a total return of $30,230,340. Newly mined domestic silver received as "bullion ordinary" amounted to 24,793 ounces with a total cost of $21,013. Bullion ordinary is purchased at a rate approximating the open market price at the time purchased.

The silver bullion market in New York opened in 1953 with a quotation of 83-1/4 cents per ounce of 0.999 fineness. Changes in price were made on four days in January, as follows: - January 13, 83-3/4 cents, January 14, 84-1/4 cents, January 15, 84-3/4 cents, and January 16, 85-1/4 cents. The last named quotation remained in effect through the remainder of 1953.

The Philadelphia, San Francisco, and Denver Mints and the New York and Seattle Assay Offices received the following deposits of newly mined domestic silver in 1953:

Newly mined domestic silver received by United States Mints and Assay Offices, calendar year 1953, in fine ounces (to hundredths of an ounce)[1]

Source	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
Alaska	.....	329.41	3.89	1,989.29	33,559.91	35,882.50
Arizona	.....	81.93	.....	.....	.....	81.93
California	.....	24,721.11	12.76	.....	.....	24,733.87
Colorado	.....	.....	19,106.17	.....	.....	19,106.17
Idaho	.....	793,440.18	95.65	.....	1,169.48	794,705.31
Montana	.....	.45	25.68	.....	43.07	69.20
Nevada	.....	2,025.39	17.29	.....	1,894.04	3,936.72
New Mexico	.....	49.79	2.61	.....	.....	52.40
Oregon	.....	50.39	.....	.....	1,839.12	1,889.51
South Dakota	.....	.....	31,913.54	.....	.....	31,913.54
Utah	.....	5.67	.....	.....	.....	5.67
Washington	.....	.....	.....	.....	11.56	11.56
Wyoming	.....	.....	.11	.....	.....	.11
Unallocated	.....	.....	12.12	.....	.....	12.12
Subtotal	.....	820,704.32	51,189.82	1,989.29	38,517.18	912,400.61
Private refineries	7,474,658.79	22,251,362.30	2,788,197.18	.....	1.02	32,514,219.29
Total	7,474,658.79	23,072,066.62	2,839,387.00	1,989.29	38,518.20	33,426,619.90

[1] Includes newly mined silver received at 90.50505 cents per fine ounce (act of July 31, 1946), and also newly mined silver purchased as "bullion ordinary".

United States production of silver in 1953, including deposits made at Government Mints and Assay Offices and the various private refineries during the year, amounted to 37,735,500 fine ounces, compared with 39,840,300 fine ounces in 1952. Idaho was the State of leading production, followed by Utah and Montana. These three States accounted for approximately three-fourths of the total output. Output for the 19 producing States and the Territory of Alaska is shown in the table following. Values shown in the table are calculated at 90.50505 cents per fine ounce.

Production of silver in the United States during the calendar year 1953 (based upon arrivals at United States Mints and Assay Offices and at private refineries)

State in which mined	Fine ounces	Value at $0.9050505 per fine ounce	State in which mined	Fine ounces	Value at $0.9050505 per fine ounce
Alaska	37,000	$33,487	Oregon	11,000	$9,956
Arizona	4,370,000	3,955,071	Pennsylvania	7,700	6,969
California	1,050,000	950,303	South Dakota	137,000	123,992
Colorado	2,400,000	2,172,121	Tennessee	62,900	56,928
Idaho	14,500,000	13,123,232	Texas	600	543
Illinois	2,000	1,810	Utah	7,000,000	6,335,353
Missouri	200,000	181,010	Vermont	44,000	39,822
Montana	6,600,000	5,973,333	Washington	336,000	304,097
Nevada	730,000	660,687	Wyoming	(1)	(1)
New Mexico	210,000	190,061			
New York	37,300	33,758	Total[2]	37,735,500	34,152,533

[1] Less than one fine ounce or $1.00.
[2] Grand total production 1792-1953 amounts to 4,184,669,830 fine ounces. The last published annual summary (1792-1951) appears on page 18 of the 1952 Annual Report.

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REPORT ON GOLD AND SILVER CONSUMPTION IN THE UNITED STATES, CALENDAR YEAR 1953

The official United States Government estimate of consumption of gold and silver in the United States, made annually by the Bureau of the Mint, represents the net quantity of gold and silver issued for domestic industrial, professional, and artistic use. From the total amount issued for such purpose in a given year by Government Mints and Assay Offices, private refiners, and dealers, is deducted the amount of gold and silver in the form of old jewelry, plate, scrap, etc. that are returned to the same concerns during the same period. The statement following summarizes these data for the calendar year 1953.

GOLD AND SILVER ISSUED FOR USE IN INDUSTRY AND THE ARTS IN THE UNITED STATES, CALENDAR YEAR 1953

Item	Gold		Silver
	Fine troy ounces	*Value*	*Fine troy ounces*
Government-stamped bars issued by United States Mints and Assay Offices	1,581,390	$55,348,675	543,900
Bullion in various forms issued by private refiners and dealers	1,629,439	57,030,366	124,845,300
	3,210,829	112,379,041	125,389,200
Old jewelry, plate, scrap, etc., returned to private refiners, dealers, and to monetary use	1,067,969	37,379,041	19,389,200
Net amount of material issued	2,142,860	75,000,000	106,000,000

REVIEW OF GOLD AND SILVER MINING INDUSTRY FOR THE CALENDAR YEARS 1952 AND 1953

A review of the gold and silver mining industry in the various States and Alaska, for which acknowledgment is made to the Bureau of Mines, United States Department of the Interior, follows. It should be noted that production figures stated therein are based on a mine canvass of recoverable metal and, due principally to the time lag involved before this material reaches the mints and assay offices and private refineries, will not necessarily agree, on a yearly basis, with the figures published by the Bureau of the Mint.

ALASKA

Gold continued to be the commodity with the greatest value of output in Alaska in 1952. Production was 240,557 fine ounces (in terms of recoverable metals) valued at $8,419,495 in 1952, compared to 239,637 fine ounces valued at $8,387,295 in 1951. Rather than a reversal of the general trend downward that has characterized the industry since 1947, this slight increase indicated a stabilization or leveling-off, the main bulk of the gold being produced by a relatively few well-established companies. Of the 32,986 fine ounces of silver valued at $29,854 produced in Alaska in 1952, compared to 32,870 fine ounces valued at $29,749 in 1951, 99 percent was a byproduct of gold placer mining, with the remaining one percent from dry gold ore and old tailings milled and lead ore smelted.

Production of gold was higher than might have been supposed considering the adverse economic conditions under which the gold miners continued to operate, and despite the fact that there was a 15-percent drop in the total number of operations producing gold; 5 operations were classed as lode gold mines, and 119 as placer gold mines in 1952 compared with 6 and 140, respectively, in 1951. Higher-than-ever cost of labor (in competition with high wage rates paid on construction projects under Government contract) and the high cost of materials and supplies coupled with an unchanged established U. S. Treasury price of $35 per fine ounce of gold caused the cessation of activity at numerous gold mining operations and curtailment at others.

The sale of unprocessed or "natural" gold on the open market at prices in excess of $35 per fine ounce apparently was considerably less in volume than in 1951. The recorded production for 1952 included 998 fine ounces of gold contained in natural gold reported by two operators as having been sold on the open market. Specific and accurate data regarding natural gold sales are not readily obtainable. It is possible that some natural gold was produced and sold concerning which no information was available; the quantities involved are believed to be relatively small.

Placer mines accounted for 99.5 percent of the total gold produced in Alaska in 1952. Most of the gold came from a few mines; the 15 leading gold-producing mines (all placer) in Alaska in 1952 yielded 87 percent of the total recorded gold output of the Territory. The leading five producers (all placer and using bucket-line dredges), which supplied 76 percent of the total Alaska output of gold, were in order of output: United States Smelting, Refining & Mining Co., Fairbanks Unit, Fairbanks district; United States Smelting, Refining & Mining Co., Nome Unit, Nome district; New York Alaska Gold Dredging Corp., Aniak district; Callahan Zinc-Lead Co., Tolovana district; and Casa de Paga Gold Co., Fairhaven district. In comparison, in 1951 the 15 leading gold-producing mines (all placer) in Alaska yielded 83 percent of the total recorded gold output, and the 5 leading producers (all using bucket-line dredges) supplied 67 percent of the total Alaskan output.

The leading five producers of gold recovered 75 percent of the total silver output in Alaska in 1952. The most important producer of silver in Alaska in 1952 was the United States Smelting, Refining & Mining Co., which recovered silver as a byproduct of bucket-line dredging operations in the Fairbanks district, Yukon River region, and the Nome district, Seward Peninsula region.

Gold output in Alaska in 1953 increased 5.5 percent above the 1952 output to reach the highest level since 1950. The recorded production of gold was 253,783 fine ounces valued at $8,882,405 in 1953, compared to 240,557 fine ounces valued at $8,419,495 in 1952. Silver output increased 7 percent to 35,387 fine ounces valued at $32,027 in 1953 from 32,986 fine ounces valued at $29,854 in 1952.

The increased output of gold was unexpected considering the high cost of labor and supplies and an unchanged established United States price of $35 per fine ounce of gold.

Part of the increase resulted from the sale of gold during 1953 that had been produced in prior years. The quantity of gold sold on the open market as "natural gold" at prices above $35 per fine ounce was insignificant according to available information. The increased output of silver reflects the increased output of gold because most of the silver was recovered as a byproduct of gold from placer mining.

Three operations classed as lode mines, and 148 operations classed as placer mines produced gold in Alaska in 1953 compared to 6 and 119 respectively in 1952. Placer mines supplied all of the gold in 1953 except for 667 fine ounces produced from lode mines. The leading 5 producers of gold in 1953 (all placer operations using bucket-line dredges) supplied 72 percent (76 percent in 1952) of the Alaskan total gold output. In 1953 the leading 5 operations (listed in order of output) were: United States Smelting, Refining & Mining Company, Fairbanks Unit, 6 dredges in the vicinity of Fairbanks; United States Smelting, Refining & Mining Company, Nome Unit, 3 dredges in the vicinity of Nome; New York Alaska Gold Dredging Corporation, 2 dredges at Nyac; Callahan Zinc-Lead Company, 1 dredge at Livengood; and Alluvial Gold Company, 1 dredge at Woodchopper near Circle.

Bucketline dredges (23 in 1951, 1952, and 1953) operated by 14 companies recovered 78 percent of the total placer gold in 1953 (83 percent in 1952); nonfloating washing plants (gravel is mechanically handled by using bulldozer-dragline-hydraulic equipment either separately or in combination) supplied 21 percent (16 percent in 1952); and hydraulic and small-scale hand operations supplied the remaining 1 percent.

The total production of gold (lode and placer) in Alaska, in terms of recoverable metal, from 1880 through 1953 has been 27,937,150 fine ounces valued at $689,832,306.

Ninety-seven percent of the silver produced in Alaska in 1953 was recovered as a byproduct of gold from placer mining; the remaining 3 percent was recovered from gold ore milled, gold ore and lead ore smelted, and concentrate from cleanup at mills. The leading 5 producers of gold recovered 76 percent (75 percent in 1952) of the total silver output in Alaska in 1953. The United States Smelting, Refining & Mining Company was the principal producer of silver. The company recovered silver as a byproduct of gold from dredging operations in the Fairbanks and Nome districts.

The total production of silver (lode and placer) in Alaska, in terms of recoverable metal, from 1880 through 1953 has been 20,092,829 fine ounces valued at $14,370,767.

ARIZONA

Gold production in Arizona in 1952 was 112,355 fine ounces valued at $3,932,425, a loss of 3,738 ounces (3 percent) from the output of 116,093 fine ounces in 1951 valued at $4,063,255. The loss in production of gold from zinc-lead ore and zinc-copper ore more than offset the gain from copper ore and siliceous ores. Most of the gold, as well as silver, produced in the State is a byproduct of copper ore and zinc-lead ore; in 1952 copper ore yielded 83,692 ounces of gold (74 percent of the State total) compare with 83,521 ounces in 1951 and zinc-lead ore 19,236 ounces (17 percent of the State total) compared with 22,182 ounces in 1951. Zinc-copper ore supplied 5,115 ounces of gold (7,507 ounces in 1951); lead ore and lead-copper ore 264 ounces (297 ounces in 1951); siliceous ores, 2,433 ounces (1,933 ounces in 1951); and zinc ore, 40 ounces (15 ounces in 1951). Old tailings and smelter and mill cleanings supplied 1,505 ounces of gold (482 ounces in 1951), and placers 70 ounces (156 ounces in 1951).

The quantity of gold recovered from lode mines decreased from 115,937 ounces in 1951 to 112,285 ounces in 1952. Concentrates smelted yielded 86,879 ounces of gold; crude ore, old tailings, etc., smelted 25,020 ounces; and ore amalgamated, 386 ounces.

Nearly 92 percent of the State gold output in 1952 came from six districts--Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts decreased from 106,919 ounces in 1951 to 102,939 ounces in 1952. The New Cornelia mine of the Phelps Dodge Corp., Pima County, continued to be the leading gold producer in Arizona. It was followed by the

Copper Queen (Bisbee) branch of the Phelps Dodge Corp., Cochise County; the Iron King mine, Yavapai County. the Magma mine, Pinal County; the Morenci branch of the Phelps Dodge Corp., Greenlee County; and the United Verde branch of the Phelps Dodge Corp., Yavapai County. These six properties, all copper mines except the Iron King and part of the Copper Queen, produced more than 91 percent of the State total gold, and four of the six properties, owned by the Phelps Dodge Corp., produced 66 percent of Arizona's gold output in 1952.

The total gold production in Arizona, in terms of recoverable metal, from 1860 through 1952 has been 11,529,260 ounces valued at $291,019,255.

The output of recoverable silver in Arizona in 1952 was 4,701,330 fine ounces valued at $4,254,941, a decrease of 8 percent in quantity and value compared with the 1951 output of 5,120,985 fine ounces valued at $4,634,750. A decline in production of silver from copper ore, zinc-copper ore, zinc-lead ore, lead ore, and siliceous ores in 1952 caused a decrease in Arizona's silver output. In 1952 copper ore yielded 2,900,851 ounces of silver (62 percent of the State total), a decrease of 187,014 ounces (6 percent) from 1951, and zinc-lead ore 1,122,474 ounces (24 percent of the State total), a decrease of 20,722 ounces (2 percent). Zinc-copper ore yielded 458,644 ounces of silver (602,083 ounces in 1951); siliceous ores, 162,804 ounces (248,210 ounces in 1951); lead ore, 20,083 ounces (20,839 ounces in 1951); and zinc-lead-copper ore, zinc ore, and lead-copper ore, 19,763; and old tailings and smelter and mill cleanings, 16,701 ounces. Concentrates smelted yielded 3,421,122 ounces of silver; crude ore, old tailings, etc., smelted, 1,280,062 ounces; and ore amalgamated, 136 ounces. Placers yielded 10 ounces of silver.

About 79 percent of the State total silver in 1952 came from seven districts--Ajo, Big Bug, Copper Mountain (Morenci), Mineral Creek (Ray), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts decreased from 4,143,150 ounces in 1951 to 3,732,069 ounces in 1952. The Phelps Dodge Corp., with 15 percent less output than in 1951, continued to be the chief silver producer in Arizona; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced nearly 50 percent of the State silver output in 1952. Other large silver producers were the Magma, Iron King, Ray (Kennecott Copper Corp.), Flux, Ash Peak, and San Xavier (The Eagle-Picher Co.) properties.

The total silver production in Arizona, in terms of recoverable metal, from 1860 through 1952 has been 322,212,730 ounces valued at $243,986,370.

Gold production in Arizona in 1953 was 112,824 fine ounces valued at $3,948,840, a gain of only 469 ounces over the output of 112,355 fine ounces in 1952, valued at $3,932,425. The increase of 6,032 ounces in production of gold from copper ore more than offset the decrease of 5,335 ounces from lead-zinc ore and copper-zinc ore. Most of the gold, as well as silver, produced in the State was a byproduct of copper ore and lead-zinc ore; in 1953 copper ore yielded 89,724 ounces of gold (80 percent of the State total) compared with 83,692 ounces in 1952 and lead-zinc ore 17,872 ounces (16 percent of the State total) compared with 19,236 ounces in 1952. Copper-zinc ore supplied 1,144 ounces of gold (5,115 ounces in 1952); lead ore 1,339 ounces (262 ounces in 1952); siliceous ores, 2,036 ounces (2,433 ounces in 1952); and zinc ore and copper-lead ore, 18 ounces (42 ounces in 1952). Old tailings and smelter and mill cleanings supplied 582 ounces of gold (1,505 ounces in 1952), and placers 109 ounces (70 ounces in 1952).

The quantity of gold recovered from lode mines increased from 112,285 ounces in 1952 to 112,715 ounces in 1953. Concentrates smelted yielded 84,293 ounces of gold; crude ore, cleanings, and old tailings smelted 28,350 ounces; and ore amalgamated, 72 ounces.

Approximately 93 percent of the State gold output in 1953 came from five districts--Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), and Warren (Bisbee). The output from these districts increased from 98,610 ounces in 1952 to 104,602 ounces in 1953. The New Cornelia mine of the Phelps Dodge Corp., Pima County, continued to be the leading gold producer in Arizona. It was followed by the Copper Queen mine

of the Phelps Dodge Corp., Cochise County; the Iron King mine, Yavapai County; the Magma mine, Pinal County; and the Morenci mine of the Phelps Dodge Corp., Greenlee County. These five properties, all copper mines except the Iron King and part of the Copper Queen, produced 93 percent of the State total gold, and three of the five properties, owned by the Phelps Dodge Corp., produced 64 percent of Arizona's gold output in 1953. The United Verde mine of the Phelps Dodge Corp., a large producer of copper, gold, and silver since 1881, was shut down permanently in March, 1953, owing to depletion of ore reserves.

The total gold production in Arizona, in terms of recoverable metal, from 1860 through 1953 has been 11,642,084 ounces valued at $294,968,095.

The output of recoverable silver in Arizona in 1953 was 4,351,429 fine ounces valued at $3,938,263, a decrease of 7 percent in quantity and value compared with the 1952 output of 4,701,330 fine ounces valued at $4,254,941. A decline of 679,321 ounces in production of silver from copper-zinc ore and lead-zinc ore in 1953 more than offset an increase of 263,404 ounces from copper ore. In 1953 copper ore yielded 3,164,255 ounces of silver (73 percent of the State total), an increase of 9 percent over 1952, and lead-zinc ore 827,866 ounces (19 percent of the State total), a decrease of 294,608 ounces (26 percent). Copper-zinc ore yielded 73,931 ounces of silver, a decrease of 384,713 ounces; siliceous ores, 214,650 ounces (162,804 ounces in 1952); lead ore, 52,240 ounces (20,083 ounces in 1952); and zinc ore, copper-lead-zinc ore, and copper-lead ore, 8,797 ounces. Old tailings and smelter and mill cleanings supplied 9,671 ounces of silver, and placers 19 ounces. Concentrates smelted yielded 2,898,909 ounces of silver; crude ore, cleanings, and old tailings smelted, 1,452,476 ounces; and ore amalgamated, 25 ounces.

Ninety percent of the State total silver in 1953 came from eight districts--Ajo, Ash Peak, Big Bug, Copper Mountain (Morenci), Harshaw, Mineral Creek (Ray), Pioneer (Superior), and Warren (Bisbee). The output from these districts increased from 3,810,963 ounces in 1952 to 3,900,934 ounces in 1953. The Phelps Dodge Corp., with 10 percent less output than in 1952, continued to be the chief silver producer in Arizona; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 48 percent of the State silver output in 1953. Other large silver producers were the Magma, Iron King, Ray (Kennecott Copper Corp.), Flux (American Smelting & Refining Co.), and Ash Peak properties.

The total silver production in Arizona, in terms of recoverable metal, from 1860 through 1953 has been 326,564,159 ounces valued at $247,924,633.

CALIFORNIA

Continuing the downward trend begun in 1948, California mines in 1952, under the pressure of high operating costs and with an unchanged price for the metal, yielded 24 percent less gold than in 1951. Silver, principally produced incidental to other metals reflected the slump in the State base-metal output and fell 4 percent below 1951.

The production of recoverable gold from California lode and placer material in 1952 was 258,176 fine ounces (including a small quantity in "natural gold" sold on the open market) valued at $9,036,160 compared to 339,732 fine ounces valued at $11,890,620 in 1951. In 1952, 141 lode mines produced 115,833 ounces of gold valued at $4,054,155 and 108 placer mines contributed 142,343 ounces valued at $4,982,005. In 1951, 173 lode mines produced 152,108 ounces of gold valued at $5,323,780 and 121 placer mines produced 187,624 ounces valued at $6,566,840.

Of the gold output from lode mines, 96 percent was recovered from gold ore, 2 percent from lead ore, 1 percent from zinc ore, and the remainder from gold-silver ore, copper ore, lead-copper ore, zinc-lead ore, tungsten ore, and tailings and miscellaneous lode material. Metallurgical data show that 61 percent of the lode gold in 1952 was recovered by amalgamation of ore and old tailings, 26 percent by cyanidation of ore and old tailings, 7 percent by smelting of concentrates, and 6 percent by smelting ore, old tailings, flue dust, pyritic ore residue and tungsten ore residue.

Following are 1952 data on placer mining, 1951 figures are given in parentheses: Floating dredges of the bucket line type washed 49,881,800 (68,714,600) cubic yards of gravel and recovered 131,806 (175,870) ounces of gold valued at $4,613,210 ($6,155,450). Dragline dredges--those having a floating washing plant to which gravel is delivered by a dragline excavator--washed 1,447,700 (1,363,000 cubic yards of gravel which yielded 6,655 (6,652) ounces of gold valued at $232,925 ($232,820). Nonfloating washing plants, to which gravel was delivered by mechanical means, and used for straight gold dredging, washed 11,600 (99,900) cubic yards of gravel. Gold recovered at all nonfloating washing plants, including commercial rock plants and tungsten mines (which produced 786 (606) ounces of gold) amounted to 1,462 (2,210) ounces of gold valued at $51,170 ($77,350). Hydraulic mines supplied 409 (440) ounces of gold valued at $14,315 ($15,400) from 53,100 (55,000)cubic yards of gravel washed. Suction dredges accounted for 305 (717) ounces of gold valued at $10,675 ($25,095) from 74,100 (180,500) cubic yards of gravel, and drift mines produced 130 (222) ounces of gold valued at $4,550 (7,770) from 3,700 (2,800) cubic yards of gravel. Small scale, hand operated equipment, was used to produce 1,576 (1,513) ounces of gold valued at $55,160 ($52,955).

Nevada County was the leading producer of gold among the California counties, largely from lode mining. Sacramento County ranked second and Yuba County, third, owing to the productivity of dredges. Sierra County and Kern County followed in order principally from lode gold produced.

The principal gold producers in California in 1952, listed by operators in order of output, were: The Natomas Co., Sacramento County (dredges): Yuba Consolidated Gold Fields Yuba unit, Yuba County (dredges); Idaho Maryland Mines Corp., and Empire Star Mines Co., Ltd., both in Nevada County (gold ore); and the Original Sixteen to One Mine, Inc., Sierra County (gold ore).

Output of silver from California ores, old tailings and miscellaneous lode material and gravels in 1952 was 1,099,658 fine ounces valued at $995,246, compared with 1,145,219 fine ounces valued at $1,036,481 in 1951. Of the lode silver, 57 percent was recovered from zinc-lead ore, 20 percent from lead ore, 13 percent from zinc ore, 5 percent from gold ore, 3 percent from old tailings and miscellaneous lode material, 1 percent from gold-silver ore and 1 percent from silver ore, copper ore and lead-copper ore, together. Nearly 1 percent of the State total silver in 1952 was derived from gravels, worked primarily for gold. Smelting of concentrates yielded 74 percent of the lode silver recovered in California, smelting of ore, old tailings and miscellaneous lode material, 22 percent, cyanidation of ore and old tailings, 3 percent, and amalgamation of ore and old tailings, 1 percent.

The principal silver producers in California in 1952, listed by operators in order of output, were: Anaconda Copper Mining Co., Darwin group, Inyo County (zinc-lead ore and lead ore); Anaconda Copper Mining Co. Shoshone group, Inyo County (lead ore); Coronado Copper & Zinc Co., Shasta County (zinc ore); and New Penn Mines, Inc., successor to Penn Chemical Co., Inc., Calaveras County (zinc ore).

The California gold yield in 1953 decreased 9 percent below the 1952 output as the price of gold was unchanged and mining costs remained at a high level, which limited profitable operation to a relative few properties. Silver, principally a byproduct metal of base-metal ores reflected the decline in base-metal output and decreased 6 percent in quantity and value compared with 1952.

The production of recoverable gold from California lode and placer material in 1953 was 234,591 fine ounces (including a small quantity in "natural gold" sold on the open market) valued at $8,210,685 compared to 258,176 fine valued at $9,036,160 in 1952. In 1953, 150 lode mines produced 111,245 ounces of gold valued at $3,893,575 and 123 placer mines yielded 123,346 ounces of gold valued at $4,317,110. During 1952, 141 lode mines produced 115,833 ounces of gold valued at $4,054,155 and 108 placer mines produced 142,343 ounces of gold valued at $4,982,005.

Of the gold output from lode mines, 98 percent was recovered from gold ore, 1 percent from silver ore, copper ore, copper-zinc ore, lead ore and lead-zinc ore, combined, and 1 percent from old tailings, slag and tungsten ore, combined. Metallurgical data

show that 67 percent of the lode gold in 1953 was recovered by amalgamation of ore and old tailings, 19 percent by cyanidation of ore and old tailings, 13 percent by smelting of concentrates, and 1 percent by smelting ore, old tailings and slag.

Following are 1953 data on placer mining: Floating dredges of the bucket-line type washed 45,528,800 cubic yards of gravel and recovered 119,022 ounces of gold valued at $4,165,770. Dragline dredges--those having a floating washing plant to which gravel is delivered by a dragline excavator--washed 302,600 cubic yards of gravel and produced 935 ounces of gold valued at $32,725. Nonfloating washing plants to which gravel was delivered by mechanical means and used for straight gold dredging, washed 40,800 cubic yards of gravel which yielded 566 ounces of gold valued at $19,810. Gold recovered at all nonfloating washing plants in California, including byproduct gold at commercial rock plants and tungsten mines amounted to 1,143 ounces valued at $40,005. Hydraulic mines produced 469 ounces of gold valued at $16,415 from 216,200 cubic yards of gravel. Suction dredges accounted for 341 ounces of gold valued at $11,935 from 87,700 cubic yards of gravel, and the gold output from drift mines was 165 ounces valued at $5,775 derived from 3,330 cubic yards of gravel. Small scale, hand operated equipment was used to produce 1,271 ounces of gold valued at $44,485 from 76,500 cubic yards of gravel.

Nevada County ranked first among the California gold-producing counties owing largely to lode mining in the Grass Valley-Nevada City district. Sacramento County was second due to the productivity of dredges in the American River district and the yield from dredges in the Yuba River district placed Yuba County in third position. Sierra County and El Dorado County followed in order principally because of lode gold produced in the Alleghany district and the East Belt district, respectively.

The principal gold producers in California in 1953, listed by operators in order of output were: The Natomas Co., Sacramento County (dredges); Yuba Consolidated Gold Fields, Yuba County (dredges); Empire Star Mines, Ltd., Nevada County (gold ore); Idaho Maryland Mines Corp., Nevada County (gold ore); and Original Sixteen to One, Inc., Sierra County (gold ore).

Output of silver from California ores, old tailings and other lode material, and gravels in 1953 was 1,036,372 fine ounces, valued at $937,969, compared with 1,099,658 fine ounces valued at $995,246 in 1952. Of the lode silver, 66 percent was derived from lead-zinc ore, 29 percent from lead ore, 3 percent from gold ore, 1 percent from silver ore, copper ore, copper-zinc ore, and tungsten ore, combined, and 1 percent from old tailings and slag. Less than 1 percent of the total silver produced in the State in 1953 was a byproduct of placer methods carried on principally for gold. Smelting of concentrates contributed 67 percent of the lode silver recovered in California, smelting of ores, old tailings and slag 31 percent, cyanidation of ore and old tailings, 1 percent, and amalgamation of ore and old tailings, 1 percent.

The principal silver producers in California in 1953, listed by operators in order of output, were: Anaconda Copper Mining Co., Inyo County (lead ore and lead-zinc ore); Defense Mine, Inyo County (lead ore); Idaho Maryland Mines Corp., Nevada County (gold ore); Empire Star Mines, Ltd., Nevada County (gold ore); and U. S. Vanadium Co., Inyo County (tungsten ore).

COLORADO

The mine production of gold in Colorado in 1952 was 124,594 fine ounces valued at $4,360,790 compared with 116,503 ounces valued at $4,077,605 in 1951. The Cripple Creek district regained its usual rank as the State's largest gold-producing district, as the new 1,000-ton Carlton custom mill of the Golden Cycle Corporation, which treats the ore, operated a full calendar year for the first time; the output, however, was not as large as could be expected owing to a shortage of underground labor and other continued unfavorable economic conditions for gold mining. The increase in gold output

from the Cripple Creek district more than offset a heavy decrease in Park County caused by the shutdown on January 15 of the South Platte gold dredge at Fairplay. The Cripple Creek, Upper San Miguel, Leadville, and Animas districts together contributed 89 percent of the State total output of gold.

Except in the Cripple Creek district, virtually all the gold-bearing ores of Colorado contain commercial quantities of lead and silver and at many places of zinc and copper also. In recent years the combined value of the zinc, lead, and copper recovered has greatly exceeded that of the gold and silver, which formerly predominated in value. Zinc-lead and complex zinc-lead-copper-gold-silver ores yielded 49 percent of the State total gold in 1952; dry gold and silver ores 47 percent; placer mines 2 percent; and other ores, old slag and clean-up material 2 percent. The leading gold-producing properties, in order of rank, were: Ajax group (Golden Cycle Corp.) at Cripple Creek, Treasury Tunnel-Black Bear group (Idarado) in San Miguel County, Resurrection group at Leadville, Smuggler Union group (Telluride Mines) at Telluride, and Cresson group at Cripple Creek.

Silver production in 1952 totaled 2,813,643 fine ounces valued at $2,546,489--an increase over 1951 of 25,761 ounces valued at $23,315. Districts producing more than 100,000 ounces of silver in 1952 were Upper San Miguel, Red Cliff (Battle Mountain), Leadville, Animas, Grand Island (Caribou), Creede, Rico, and Iron Springs. These eight districts produced 87 percent of the State total output of silver. Zinc, zinc-lead, and complex zinc-lead-copper-gold-silver ores yielded 68 percent of the total silver; dry gold and silver ores 28 percent; and other ores, old slag, old tailings, mill clean-ups, and placer gravel 4 percent. The five leading producers of silver were the Treasury Tunnel-Black Bear (Idarado) group in San Miguel County, Eagle mine at Gilman in Eagle County, Caribou mine at Nederland in Boulder County, Resurrection group at Leadville in Lake County, and the Shenandoah-Dives-Silver Lake group near Silverton in San Juan County.

The Carlton custom mill of the Golden Cycle Corp. at Cripple Creek was the only large mill in Colorado that treated straight gold ore. It employs roasting (in fluosolids reactor) and cyanidation to recover gold from the gold-pyrite flotation concentrate, with cyanidation and carbon precipitation used on the flotation tailings. The bulk of the lead, lead-zinc, and complex gold-silver-copper-lead-zinc ores were concentrated in flotation mills, some of which used jigs in the ball mill-classifier circuit to recover coarse gold for amalgamation. Ore treated by all the mills in 1952 totaled 1,526,106 tons, from which were recovered 66,435 ounces of gold and 17,411 ounces of silver in bullion shipped direct to the mint, and 54,162 ounces of gold and 2,550,667 ounces of silver in concentrates (usually containing their principal value in base metals) shipped to smelters. Ore and clean-up material shipped direct to smelters totaled 22,709 tons yielding, in recovered metals 1,817 ounces of gold, 245,220 ounces of silver, 393,148 pounds of copper, 2,168,225 pounds of lead, and 13,745 pounds of zinc. Placer mines produced 2,180 ounces of gold and 345 ounces of silver.

The total production of recovered gold and silver in Colorado from 1858 through 1952 has been 39,855,129 fine ounces of gold valued at $888,806,479 and 747,984,031 fine ounces of silver valued at $583,460,287.

The mine production of gold in Colorado decreased to 119,218 fine ounces valued at $4,172,630 in 1953 from 124,594 ounces valued at $4,360,790 in 1952. Economic conditions continued to be unfavorable for straight gold or gold-silver mining, as wages and the cost of supplies and equipment have risen greatly since World War II, and there has been no change in the domestic price of gold since 1934 or in silver since 1947.

The Cripple Creek district, producing straight gold ore, contributed 43 percent of the State total gold in 1953. Other formerly important gold-producing districts in Boulder, Clear Creek, Gilpin, La Plata, Park, and Rio Grande Counties remained idle or had only scattered small-scale operations. The Upper San Miguel district in San Miguel County, producing complex ore carrying commercial quantities each of gold, silver, copper, lead, and zinc, supplied 33 percent of the total gold, and the Leadville

district, also producing mostly complex ore, with lead and zinc predominating, contributed 8 percent. The remaining 16 percent came mostly from complex and base-metal ores from Eagle, Ouray, San Juan, and Mineral Counties. The quantities of these ores mined decreased, as the prices of lead and zinc again declined, and the average yearly price of lead was the lowest since 1946 and that of zinc since 1945. Placer gold produced totaled only 1,629 ounces, of which 1,559 ounces was recovered as a byproduct at commerical sand and gravel plants in Adams, Boulder, and Jefferson Counties and the rest came from scattered small placer mines.

The leading gold-producing properties, in order of rank, were: Treasury Tunnel-Black Bear group (Idarado) in San Miguel County, Ajax group (Golden Cycle Corp.) at Cripple Creek, Smuggler Union (Telluride Mines) at Telluride, Cresson mine at Cripple Creek, and Resurrection at Leadville.

Production of silver in 1953 totaled 2,200,317 fine ounces (lowest since 1933) valued at $1,991,398 compared with 2,813,643 ounces valued at $2,546,489 in 1952. The decrease was due to the drop in tonnage of lead and zinc and complex gold-silver-copper-lead-zinc ores mined; these ores and minor quantities of lead-bearing clean-up material yielded 74 percent of the State total silver in 1953. The remaining 26 percent was contained in dry gold and silver ores, except for a small quantity recovered from placer gold.

San Miguel County led in silver production and was followed by Eagle, Lake, Mineral, San Juan, and Dolores Counties, all of which produced more than 100,000 ounces. The leading silver-producing properties were the Treasury Tunnel-Black Bear (Idarado) in San Miguel County, Eagle (Empire Zinc) at Gilman in Eagle County, Resurrection group at Leadville, Emperius at Creede, Smuggler Union (Telluride Mines) at Telluride, and Rico Argentine at Rico. Except for a relatively small quantity contained in gold bullion shipped to the mint, the silver produced in Colorado is marketed along with lead, copper, gold, and zinc as one of the valuable constituents of concentrates or ore sold to smelters.

The bulk of the gold ore produced in 1953 came from mines and dumps in the Cripple Creek district and was treated in the 1,000-ton Carlton flotation-cyanidation mill of the Golden Cycle Corp. Of the other ores treated, comprising chiefly lead-zinc, zinc, and complex gold-silver-copper-lead-zinc ores, 94 percent came from the Battle Mountain (Gilman) and Leadville districts and the San Juan region and was treated in flotation mills. Some of the mills used jigs in the ball mill-classifier circuit to recover coarse gold by amalgamation. Of the total lode-gold produced, 20,632 ounces was recovered by amalgamation and 51,195 ounces by cyanidation, all sold direct to the mint; 42,040 ounces was contained in concentrates (usually carrying their principal value in base metals), and 3,722 ounces in crude ore, both sold to smelters. Lode material treated to recover gold, silver, copper, lead, and zinc totaled 1,204,517 tons, and the total value of the five metals was $22,190,543 in 1953, compared with 1,548,815 tons and $35,920,619 in 1952. Placer gold and silver produced in 1953 was valued at $57,237 and in 1952 at $76,612.

The total production of recovered gold and silver in Colorado from 1858 through 1953 has been 39,974,347 fine ounces of gold valued at $892,979,109 and 750,184,348 fine ounces of silver valued at $585,451,685.

IDAHO

Idaho gold production in 1952 was 32,997 fine ounces, valued at $1,154,895. This output was smaller than for any year since 1945 and represented a 27 percent decline from the 1951 total. Gold and gold-silver ores yielded 73 percent of the gold produced in 1952; placer operations supplied 13 percent; zinc-lead ore, 7 percent; and silver, copper, and lead ores, most of the remainder.

The decrease in gold production in 1952 was due chiefly to the suspension of operations from June through December by the Bradley Mining Co. at its Yellow Pine anti-

mony-gold mine, Stibnite, Valley County, Despite the shutdown, attributed to low antimony prices, the operation was the largest producer of gold in the State in 1952. Other leading producers were Talache Mines, Inc. from the Boise-Rochester Group, Middle Boise district, Elmore County, and Duvall Co. from the Virginia Group, Blackpine district, Cassia County. Warren Dredging Co., working the Yankee Fork placer, Custer County, and the Tyee Mining Co. and Clearwater Dredging Co., both operating in the Elk City district, Idaho County, were the largest producers of placer gold.

The total production of gold in Idaho, in terms of recoverable metal, from 1863 through 1952 has been 8,209,727 fine ounces valued at $190,129,848.

Idaho's output of silver in 1952 was 14,923,165 fine ounces with a value of $13,506,218. This was 170,142 fine ounces greater than the 1951 production. Idaho maintained its position as the largest silver producing State - a rank held since 1933. Shoshone County mines, Coeur d'Alene region, produced 92 percent of the State's silver output in 1952.

About 67 percent of silver produced came from silver ore and most of the rest from zinc-lead ore. A small amount of silver (1,587 fine ounces) was recovered by placer operations.

The five largest producers, all located in the Coeur d'Alene mining region, produced 73 percent of the State's silver in 1952. The mines were, in order of output, Sunshine mine and Polaris mine, both operated by the Sunshine Mining Co., the Bunker Hill mine of Bunker Hill and Sullivan Mining and Concentrating Co.; the Silver Summit mine, Polaris Mining Co.; and St. Germaine, worked by Sunshine Mining Co.

The total production of silver in Idaho, in terms of recoverable metal, from 1863 through 1952 has been 598,100,530 fine ounces valued at $429,277,072.

Idaho's gold production in 1953 was 17,630 fine ounces, valued at $617,050. Recovery of the metal decreased sharply for the third consecutive year, and the annual yield fell below 20,000 ounces for the first time since 1945. The decline of 47 percent compared to 1952 can be attributed largely to the closing in mid-1952 of the Yellow Pine antimony-gold mine at Stibnite, Valley County, the largest single producer of gold in the State during recent years. Listed in order of magnitude, the principal producing firms in 1953, each exceeding 1,000 fine ounces in output, were: Duval Co., Cassia County (Virgnia group of lode claims); Clearwater Dredging Co., Idaho County (bucket-line dredge); Talache Mines, Inc., Elmore County (Boise-Rochester lode mine); and Tyee Mining Co., Idaho County (dragline dredge). On October 15, a further curtailment in gold production in Idaho occurred when Talache Mines, Inc. placed the Boise-Rochester operation on a standby basis. In December, a group of former employees leased the mine and began operating the mine on a limited scale.

Lode mines continued as the principal source of gold, supplying 67 percent of the State total. Of the gold produced from lode mines, 65 percent was recovered from gold ore, 17 percent from lead-zinc ore, and most of the remainder from silver and copper ores. In contrast to the decrease in the quantity of gold from lode mines, production from placers advanced 36 percent. This increase was due in part to the output of the Clearwater Dredging Co., which late in 1952 began operating a bucket-line dredge on the Crooked River near Elk City.

The total production of gold in Idaho, in terms of recoverable metal, from 1863 through 1953, has been 8,217,357 fine ounces valued at $190,746,898.

The output of silver in Idaho in 1953 totaled 14,639,740 fine ounces with a value of $13,249,704. This represented a decrease of 2 percent compared to 1952. The State maintained first position nationally in the production of silver. Shoshone County contributed 93 percent of Idaho's output.

The Sunshine Mining Co. mined 12 percent more silver ore from the Sunshine mine and adjoining areas operated for affiliated firms under a profit-sharing agreement, but the grade of ore was lower than in 1952, causing a slight reduction in the quantity of silver recovered. About 60 percent of the silver produced in the State was supplied by the Sunshine Mining Co. and the Polaris Mining Co., which operated the Silver Summit property. The Bunker Hill lead-zinc mine of Bunker Hill & Sullivan Mining & Concen-

trating Co. also was an important source of silver. Of the State total, slightly more than 60 percent was recovered from silver ore, 31 percent from lead-zinc ore, and most of the remainder from lead ore.

Total production of silver in Idaho, in terms of recoverable metal, from 1863 through 1953 has been 612,740,270 fine ounces valued at $442,526,776.

MISSOURI

Production of silver in Missouri is dependent upon the refining of base bullion obtained from the smelting of southeast Missouri lead and lead-copper ores. No value is given for silver in the sale of lead concentrates as the amount of contained silver is so small (approximately one or two ounces per ton of concentrate) and not all the base bullion is desilverized.

There were 517,432 fine ounces of silver recovered from the refining of southeast Missouri pig lead (base bullion) which was valued at $468,302. This recovery was nearly three times the 184,425 fine ounces recovered in 1951 having a value of $166,913. The St. Joseph Lead Company, the largest lead producer in the United States for the 45th consecutive year, was the largest silver producer in Missouri in 1952. Silver was likewise recovered from lead-copper ores of this region.

Recovery of silver in Missouri amounted to 359,781 fine ounces in 1953, a decrease of 30 percent from the 517,432 fine ounces recovered in 1952. In the refining of lead bullion and smelter residue derived from southeastern Missouri concentrates, 356,326 fine ounces of silver were recovered while 3,455 fine ounces were recovered from Missouri lead-copper concentrates.

There is no record of any gold recovery from Missouri from 1907 to date.

MONTANA

Gold production from Montana mines in 1952 amounted to 24,161 fine ounces with a value of $845,635. The output was 21 percent less than in 1951 and was the lowest recorded in the State's mining history. Recovery of gold has declined continuously since 1947. The peak gold production year in the twentieth century was 1940, when the output for the State reached 272,602 fine ounces. Only 78 fine ounces was recovered from placer mines in 1952. Most of the gold from lode mines came from zinc-lead and copper ores; gold and gold-silver ores supplied only 27 percent of the total gold production.

Leading gold producers, supplying 83 percent of the State total, were the Butte Hill operations of Anaconda Copper Mining Co.; the Estelle mines of the McLaren Gold Mines Co., New World district, Park County; and the Marget Ann mine of Mitchell Mining Co., Summit Valley district, Silver Bow County.

The total production of gold in Montana, in terms of recoverable metal, from 1862 through 1952 was 17,374,487 fine ounces valued at $392,560,257.

The output of silver in 1952 totaled 6,138,185 fine ounces, valued at $5,555,367, a decrease of four percent compared to 1951 production. Almost all of the silver was recovered as a byproduct from base metal ores; 66 percent came from zinc-lead and 25 percent from copper ore. Decreased production of zinc-lead ore from the Butte Hill mines of Anaconda Copper Mining Co. lead to the drop in silver production in the State in 1952. Butte mines and dumps yielded 88 percent of the State's total silver. Most of the remainder came from the following properties, listed in order of output: Marget Ann, Mitchell Mining Co., Silver Bow County; Scratch Awl, Countact Mining Co., Granite County; Algonquin, Trout Mining Division of American Machine and Metals, Inc., Granite County; Alta, Lahey Leasing Co., Jefferson County; Mike Horse, American Smelting and Refining Co., Lewis and Clark County; True Fissure, Taylor-Knapp Co., Granite County; Elkhorn Queen, New Elkhorn Queen Mining Co., Jefferson County; and Cornucopia, Henry A. Shute, Madison County.

The total production of silver in Montana, in terms of recoverable metal, from 1862 through 1952 has been 787,856,454 fine ounces valued at $582,107,188.

The mine output of gold in Montana in 1953 comprised 24,768 fine ounces valued at $866,880. Production increased by 3 percent, reversing a series of annual declines which began in 1948. The advance reflected a gain in output from placer mines, which produced 1,223 fine ounces in 1953 compared to only 78 fine ounces in 1952. The output of lode mines, which contributed 95 percent of the State total, declined by 2 percent.

The Anaconda Copper Mining Co. recovered byproduct gold from copper and lead-zinc ores mined at Butte and continued as the principal producer of gold in the State, followed by the Mitchell Mining Co. operation at the Marget Ann gold-silver property near Butte. The leading placer operation was located on Josephine Creek in the Nine Mile mining district of Missoula County.

Of the gold produced from lode mines, 89 percent was derived from base metal ores and 11 percent from gold and silver ores.

The total production of gold in Montana, in terms of recoverable metal, from 1862 through 1953, has been 17,399,255 fine ounces valued at $393,427,137.

Mine production of silver in Montana in 1953 was 6,689,556 fine ounces having a value of $6,054,386. The output increased 9 percent in quantity and value over the 1952 yield, due principally to increased output of silver recovered from copper ore mined at the Butte Hill properties of the Anaconda Copper Mining Co. The Anaconda firm supplied from its Butte copper and lead-zinc mines more than 90 percent of the silver produced in Montana during 1953.

Lead-zinc ores yielded 67 percent of the State's silver in 1953, copper ores supplied 31 percent, and gold and silver ores accounted for most of the remainder.

The total production of silver in Montana, in terms of recoverable metal, from 1862 to 1953 has been 794,546,010 fine ounces valued at $588,161,574.

NEVADA

With Nevada lode gold mines still largely quiescent in 1952, the State gold yield continued to fall, decreasing 3 percent below 1951. Silver output closely related to the State lead and zinc production, which declined in 1952, dropped 4 percent below 1951 and established a new low for the metal in Nevada for the past 53 years.

Gold recovered from Nevada lode materials and gravels in 1952 was 117,203 fine ounces valued at $4,102,105, compared with 121,036 fine ounces valued at $4,236,260 in 1951. The yield of silver in 1952 was 941,195 fine ounces valued at $851,829, compared with 981,669 fine ounces valued at $888,460 in 1951.

The leading Nevada gold mines in 1952, listed by operating company and in order of output were: Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); the Natomas Co., Lander County (dredging); London Extension Mining Co., Lander County (gold ore); Consolidated Coppermines Corp., White Pine County (copper ore); Round Mountain Gold Dredging Co., Nye County (placer).

Sources of the gold recovered follow: Copper ore, 51 percent; placer gravel, 28 percent; gold ore, 16 percent; zinc-lead ore, 3 percent and all other lode material, 2 percent. Metallurgical data show that nearly 75 percent of the lode gold was recovered by smelting concentrates, 22 percent by cyaniding ore and old tailings, 3 percent by direct smelting of ore, old tailings and slag. Less than 1 percent of the total gold was recovered by amalgamating ore and old tailings.

Nevada silver was recovered from the following sources in 1952: Zinc-lead ore, 55 percent; copper ore, 18 percent; lead ore, 16 percent; silver ore, 6 percent; zinc ore, 2 percent; zinc-lead-copper ore, 1 percent; placer gravels, 1 percent; and gold ore, gold-silver ore, lead-copper ore, zinc-copper ore, and old tailings and slag, together, 1 percent. Of the total lode material treated, smelting of concentrates yielded 84 percent of the silver produced in Nevada in 1952: nearly 16 percent came from the direct smelting of ore, old tailings and slag and less than 1 percent was recovered by cyaniding ore and old tailings and amalgamating ore and old tailings.

The principal silver mines in Nevada in 1952, listed by operating company, in order of output were: Combined Metals Reduction Co., Lincoln County (zinc-lead ore); Copper

Canyon Mining Co., Lander County (zinc-lead ore); Kennecott Copper Corp., (Nevada Mines Division), White Pine County (copper ore); Mohawk Mine and Mill, Esmeralda County (silver ore); and the New World Exploration and Development Co., Elko County (lead and zinc ores).

Both precious-metal lode mining and placer mining continued to wane in Nevada during 1953 and gold output fell 13 percent below the 1952 yield. Silver production followed the downward trend which began in 1950 and decreased 26 percent compared to 1952, reaching the lowest output recorded in Nevada during the period 1880 to 1953.

The production of gold from Nevada lode materials and gravels in 1953 was 101,799 fine ounces, valued at $3,562,965, compared to 117,203 fine ounces valued at $4,102,105 in 1952. Silver output in 1953 was 697,086 fine ounces valued at $630,898, compared to 941,195 fine ounces, valued at $851,829 in 1952.

Gold was recovered from the following sources: Copper ore, 60 percent; gold ore, 20 percent; placer gravel, 16 percent; lead-zinc ore, 2 percent; manganese ore, 1 percent; and gold-silver ore, silver ore, copper-lead-zinc ore, lead ore and miscellaneous lode material, combined, 1 percent. Metallurgical data show that 73 percent of the lode gold was recovered by smelting concentrates; 22 percent by cyaniding ore and old tailings; 4 percent by direct smelting of ore, old tailings and miscellaneous lode material; and 1 percent by amalgamating ore and old tailings.

The leading Nevada gold mines in 1953, listed by operating company and in order of output were: Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Consolidated Coppermines Corp., White Pine County (copper ore); London Extension Mining Co., Lander County (gold ore); and the Natomas Co., Lander County (dredging).

Nevada silver was recovered from the following sources in 1953: Lead-zinc ore, 35 percent; copper ore, 27 percent; manganese ore, 13 percent; lead ore, 9 percent; copper-lead-zinc ore, 5 percent; old tailings, slag and residue, nearly 5 percent; silver ore, 4 percent; gold ore, 1 percent; gold-silver ore, 1 percent; and placer gravel, a fraction of 1 percent. The smelting of concentrates yielded nearly 73 percent of the lode silver produced in Nevada in 1953; 27 percent came from the direct smelting of ores and other lode materials; and a fraction of 1 percent was contributed by amalgamation of ore and tailings and cyanidation of ore and tailings, combined.

The principal silver mines in Nevada in 1953, listed by operating company in order of output were: Combined Metals Reduction Co., Lincoln County (zinc-lead ore and manganese ore); Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Consolidated Coppermines Corp., White Pine County (copper ore); and Bristol Silver Mines Co., Lincoln County (copper-lead-zinc ore and manganese ore).

NEW MEXICO

In 1952, as in other years since World War II, there was little activity in straight gold and silver mining in New Mexico, owing mainly to the high cost of labor and materials compared with the fixed price of gold. The quantity of straight gold and silver ores mined (804 tons) was the least recorded since tabulation of individual mine production was begun in 1904. The output of gold in 1952 was 2,949 fine ounces valued at $103,215, the lowest in quantity recorded during the 84 years (1869-1952) for which figures are available. Production in 1951 was 3,959 ounces valued at $138,565. The output of silver in 1952 was 479,318 fine ounces valued at $433,807 compared with 443,267 ounces valued at $401,179 in 1951. Base-metal ores and old tailings, chiefly copper, zinc, and zinc-lead ores, yielded 95 percent of the total gold and more than 99 percent of the silver in 1952.

The decrease in gold production in 1952 from 1951 was due largely to a decline in the quantity of gold recovered from copper ore and the drop from 3,243 to 804 tons in the quantity of gold and silver ores mined. None of the individual mines was a large producer of gold. Mines producing chiefly copper and zinc in the Central district of

Grant County and copper in the Lordsburg district of Hidalgo County contributed 73 percent of the State total gold in 1952. Only 2 ounces of gold were recovered from placer mines and 136 ounces from lode mines worked for gold and silver. Most of the gold ore came from the Hillsboro district in Sierra County.

The increase in silver output in 1952 resulted from the mining of larger tonnages of base-metal ores that yielded silver as a byproduct. Zinc and zinc-lead ores, mostly from the Central district, yielded 80 percent of the total silver; copper ore, largely from the Lordsburg and Central districts, 16 percent; and other ores, old tailings, and mill clean-ups from various districts 4 percent. The leading producers of silver were the Ground Hog and Bayard zinc-lead mines in Grant County, the Lynchburg zinc-lead mine in Socorro County, and the Bonney-Miser's Chest and Atwood copper mines in Hidalgo County.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1952 has been 2,202,966 fine ounces of gold valued at $50,438,003, and 70,450,259 fine ounces of silver valued at $55,384,761.

The New Mexico mine output of gold, which in 1952 had fallen to the lowest level in 84 years, decreased further in 1953. Gold recovered, mostly a by-product from base-metal ores, totaled 2,614 fine ounces valued at $91,490 compared with 2,949 ounces valued at $103,215 in 1952. Small tonnages of gold or gold-silver ore were shipped from mines and prospects in the Cooney district near Mogollon, Catron County, and the Hillsboro and Tierra Blanca districts, Sierra County. Some gold was recovered in the Hillsboro district from gold ore mined in previous years and treated in 1953, and in the Nogal district, Lincoln County, from gold ore treated for testing. Gold and silver ores yielded 319 ounces of gold in 1953; copper ore 1,593 ounces; lead and zinc ores and mill clean-ups 697 ounces, and placer mines 5 ounces. None of the individual mines produced as much as 1,000 ounces of gold.

Silver production decreased to 205,309 fine ounces valued at $185,815 in 1953 from 479,318 ounces valued at $433,807 in 1952. The decrease was due to the heavy decline in tonnage of zinc and zinc-lead ores mined; these ores yielded 80 percent of the State total silver in 1952 and only 44 percent in 1953. A further decline in the price of zinc led to the closing of all the mines producing zinc and zinc-lead ores by October 1. Copper ore yielded 52 percent of the total silver in 1953 and only 16 percent in 1952. Dry gold and silver ores, lead ore, and mill cleanups yielded 4 percent of the silver in 1953. The leading producers of silver were the Banner Mining Co. Miser's Chest copper mine in the Lordsburg district, the Bayard (United States Smelting, Refining & Mining Co.) zinc-lead group in the Central district, and the Atwood copper mine in the Lordsburg district.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1953 has been 2,205,580 fine ounces of gold valued at $50,529,493 and 70,655,568 fine ounces of silver valued at $55,570,576.

OREGON

Oregon's mines in 1952 yielded 5,509 fine ounces of gold valued at $192,815. This output was smaller than in any year since the close of World War II. Mine production of gold was 31 percent less than in 1951 and 71 percent less than in 1947, the peak year in the postwar period. The decline of gold production in the State in 1952 was due in large part to the suspension of dredging operations in the Granite district, Grant County, by Porter and Co. late in 1951.

About 83 percent of Oregon's 1952 gold output was recovered by the Powder River Dredging Co., which operated its electrically-powered bucket dredge throughout the year near Sumpter, Baker County. Two lode mines, the Buffalo mine of Boaz Mining Co., near Granite in Grant County, and the Champion mine, opeated by Harold E. L. Barton, in the Bohemia district, Lane County, accounted for nine percent of the State's gold production. The balance came from 11 lode and 24 placer mines, most of which

were worked for short periods in the course of prospecting and development work by individuals.

Total production of gold in Oregon, in terms of recoverable metal, from 1852 through 1952 has been 5,748,264 fine ounces valued at $129,152,283.

Silver output in 1952 totaled 4,037 fine ounces valued at $3,654. Production was 35 percent less than in 1951. Of the silver produced in 1952, 64 percent came from the Buffalo mine; 26 percent from Powder River Dredging Co. placer operations; 9 percent from the Champion mine, and 1 percent from small lode and placer mines.

The total production of silver in Oregon, in terms of recoverable metal, from 1852 through 1952 has been 5,298,375 fine ounces valued at $4,861,232.

Oregon's gold production in 1953 totaled 8,488 fine ounces valued at $297,080, an increase of 54 percent compared to 1952 when the annual yield dropped to an all-time low except for the years during World War II. The gain in production in 1953 was credited principally to an advance by the Powder River Dredging Co., the major gold producer in Oregon, which operated a Yuba-type bucket-line dredge on the Powder River near the town of Sumpter, Baker County, supplying 82 percent of the gold recovered in the State during the year. Although the amount of gravel processed by the dredge declined considerably, the average value of the material in gold and silver increased from 6 cents per cubic yard in 1952 to 11 cents in 1953. Production of gold from the Buffalo lode mine, operated in Grant County by James P. Jackson, lessee, also increased compared to 1952. A total of 21 placer and 8 lode mines producing gold were reported active in Oregon, but the Powder River dredging operation and the Buffalo mine were the only substantial sources of metal. The placers supplied 86 percent of the production.

Total production of gold in Oregon, in terms of recoverable metal, from 1852 through 1953 has been 5,774,350 fine ounces valued at $130,065,291.

Silver output in 1953 was 12,259 fine ounces, valued at $11,095, more than three times the quantity produced in 1952. Increased production from the Buffalo mine, the principal producer of silver, accounted for the increase. The Powder River Dredging Co. also recovered a substantial quantity of silver.

From 1852 through 1953, the total production of silver in Oregon, in terms of recoverable metal, has been 5,317,561 fine ounces valued at $4,877,924.

SOUTH DAKOTA

South Dakota lode mines produced 482,534 fine ounces of gold and 132,102 fine ounces of silver in 1952. Output in 1951 was 458,101 fine ounces of gold and 139,590 fine ounces of silver. In 1952, production was valued at $16,888,690 for gold and $119,559 for silver. For several years the value of newly mined domestic gold and silver has been calculated respectively at $35.00 and $0.9050505+ per fine ounce.

In 1952, production of gold and/or silver was reported from 6 lode mines. In 1951, production was from 5 lode mines and 3 small placer mines. However, for a number of years the Homestake Mining Co. and the Bald Mountain Mining Co. have been the State's important producers.

November 5, 1952 marked the 75th year of operation by the Homestake Mining Co. as a corporation. According to the company annual report at the end of 1952, around 81 million tons of ore had been mined, including 6 million from adjacent properties prior to their consolidation with the company. The company's records from 1878 through 1952 show a total production of 20,651,806 ounces of gold and 4,990,000 ounces of silver. Construction and remodeling of the new crushing plant at the Yates shaft were completed during 1951. The new crushing plants, with changes in the grinding section of the South Mill, will allow the company to discontinue use of stamps. Sixty stamps have already been taken out of the circuit. No labor difficulties were experienced during the year. Light jackhammers and carbide bits are now used exclusively in the mine. The Bald Mountain Mining Co. operated its Portland, Dakota and Clinton group of mines (classed as one mine) and 370 ton all-sliming cyanide mill continuously during the year.

Production of gold and silver in South Dakota during 1953 increased 11 and 5 percent respectively over the previous year, totaling 534,987 fine ounces of gold and 138,642 fine ounces of silver. Output in 1952 was 482,534 fine ounces of gold and 132,102 fine ounces of silver.

The value of these metals produced in 1953 was $18,724,545 for gold and $125,478 for silver. These figures compare with $16,888,690 for gold and $119,559 for silver in 1952. Gold and silver were valued at $35 and $0.9050505, respectively for both 1952 and 1953.

In 1953 three companies operated four underground mines, accounting for all of the production of gold and silver in the State. No production of gold or silver has been reported from placer operations since 1951. The Homestake Mining Company was the State's largest producer. During the year this company started deepening of the Yates & Ross shafts and preparations were being made for sinking a new interior shaft below the 5,000 foot level which level at present is the deepest in the mine. The company reports that at least an additional two years' work will be required on this major lower level project before significant additions to the reserves can be expected. The company completed installation of its three new grinding units which resulted in the final elimination of all stamps. In the mine, change-over to light drills was completed and replacement of high-pressure air haulage for electric haulage was started. Operations were continuous throughout the year. The Bald Mountain Mining Company, the State's other large producer, operated its Portland, Dakota and Clinton group of mines (classed as one mine) and 370-ton all-sliming cyanide mill continuously during the year. The labor supply was reported to be adequate by both of the above companies. The third producer was the American Mining & Smelting Company which reported several small shipments of gold-silver-lead ore from the Spokane mine and the Silver Queen mine.

TEXAS

Gold production in Texas in 1952 amounted to 39 fine ounces, valued at $1,365 while in 1951, 32 fine ounces were produced having a value of $1,103.

There were 4,672 fine ounces of silver reported from Texas in 1952, valued at $4,228, compared to 1,381 fine ounces valued at $1,250 in 1951. It is probable that some of this silver was recovered from ores produced in 1951 as most of the base metal mining from which the silver was recovered had been abandoned about August due to low metal prices. The gold and silver were recovered principally from lead-silver and lead-copper ores produced in the southwest part of the State.

No gold or silver was reported from Texas in 1953 as all base mining was suspended for the entire year because of low metal prices.

UTAH

The mine production of gold in Utah in 1952 was 435,507 fine ounces (all from lode mines) valued at $15,242,745. The output was 3,291 ounces (nearly 1 percent) greater than the 1951 output of 432,216 ounces valued at $15,127,560. The output in 1952 was 22 percent above the annual average of the 10-year period (1942-51), and the State ranked second in gold output (exceeded only by South Dakota). Most of the gold produced in Utah is a byproduct of copper ore, and in 1952 this class of ore yielded 403,279 ounces of gold--11,879 ounces (3 percent) greater than in 1951. Zinc-lead ore supplied 27,763 ounces of the State's gold in 1952, a decrease of 5,726 ounces (17 percent) from 1951; siliceous ores, 3,165 ounces (4,886 ounces in 1951); lead ore and lead-copper ore, 742 ounces (984 ounces in 1951); and old tailings and smelter cleanings, 558 ounces (1,457 ounces in 1951). Nearly all of the gold recovered from copper ore came from the West Mountain (Bingham) district and 94 percent of the gold recovered from zinc-lead ore came from the Park City region and West Mountain (Bingham) district.

Of the total gold in 1952, 93 percent came from copper ore, 6 from zinc-lead ore, and most of the remainder from silver ore, gold-silver ore, and lead ore. The West

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Mountain (Bingham) district supplied 417,607 ounces (96 percent) of the total gold, the Park City region 13,827 ounces (3 percent), and the Tintic district 2,942 ounces (nearly 1 percent). Output of gold in the West Mountain (Bingham) district increased 10,411 ounces (more than 2 percent) over 1951, but in the Park City region it declined 4,649 ounces (25 percent), and in the Tintic district 2,040 ounces (41 percent). Concentrates smelted yielded 430,792 ounces of the total gold, crude ore smelted 4,161 ounces, and old tailings and smelter cleanings smelted 554 ounces.

The leading gold producers in Utah in 1952--each with an output of more than 1,000 ounces of recoverable metal--were as follows: Utah Copper mine and United States & Lark group in the West Mountain (Bingham) district; the property of the New Park Mining Co. in the Park City region; Chief Consolidated No. 1 mine in the Tintic district; and Park Utah Consolidated property in the Park City region. These five properties furnished 99 percent of the State gold.

The total production of gold in Utah, in terms of recoverable metal, from 1864 through 1952, has been 13,072,394 ounces valued at $357,758,830.

The mine output of silver in Utah in 1952 was 7,194,109 fine ounces valued at $6,511,032--a decrease of more than 1 percent in quantity and value from 7,310,665 ounces valued at $6,616,521 in 1951. A substantial decrease in output of silver from lead ore and siliceous ores and old tailings in 1952 more than offset the increase in output from copper ore and zinc-lead ore. Although Utah's silver output in 1952 was 4 percent below the yearly average of the 10-year period (1942-51), the State continued to rank second in silver output (exceeded only by Idaho). In 1952 the West Mountain (Bingham) district supplied 5,338,291 ounces (74 percent) of the total silver, the Park City region 861,563 ounces (12 percent), and the Tintic district 666,345 ounces (9 percent). Output of silver in the West Mountain (Bingham) district increased 415,042 ounces (8 percent) over 1951, but in the Park City region it declined 269,797 ounces (24 percent), and in the Tintic district 278,473 ounces (29 percent).

Copper ore supplied 3,284,470 ounces (nearly 46 percent) of the State's total silver--103,201 ounces (3 percent) more than in 1951--and zinc-lead ore 3,197,137 ounces (44 percent)--96,628 ounces (3 percent) more than in 1951. Siliceous gold and silver ores yielded 551,483 ounces of silver (573,917 ounces in 1951); lead ore, 72,178 ounces (233,428 ounces in 1951); and zinc ore and lead-copper ore, 496 ounces (523 ounces in 1951). Old tailings and smelter cleanings supplied 88,345 ounces of silver (221,019 ounces in 1951). Nearly 100 percent of the silver recovered from copper ore came from the West Mountain (Bingham) district and 91 percent of the silver recovered from zinc-lead ore came from the Park City region, Tintic district, and West Mountain (Bingham) district. Concentrates smelted yielded 6,474,234 ounces of the total silver, crude ore smelted 632,347 ounces, and old tailings and smelter cleanings smelted 87,528 ounces.

Utah properties that produced more than 175,000 ounces of recoverable silver each in 1952 were as follows: Utah Copper mine, United States & Lark group, Chief Consolidated No. 1 mine, and the Butterfield, New Park, Ontario, Park Utah Consolidated, and Calumet properties. These eight producers contributed 93 percent of the State silver.

The total production of silver in Utah, in terms of recoverable metal, from 1864 through 1952, has been 763,311,342 ounces valued at $564,033,233.

The mine production of gold in Utah in 1953 was 483,430 fine ounces valued at $16,920,050. The production was 47,923 ounces (11 percent) greater than the 1952 output of 435,507 ounces valued at $15,242,745. The production in 1953 was the greatest for any year in the State's history and 33 percent above the annual average of the 10-year period (1943-52); the State continued to rank second in gold output (exceeded only by South Dakota). Of the total gold produced in Utah in 1953, 91 percent was a byproduct of copper ore; this class of ore yielded 441,623 ounces of gold in 1953--38,344 ounces (9.51 percent) more than in 1952. Lead-zinc ore supplied 36,008 ounces (7 percent) of the State's gold in 1953, an increase of 8,245 ounces (30 percent) over 1952; siliceous

ores, 4,212 ounces (3,165 ounces in 1952); lead ore and copper-lead ore, 252 ounces (742 ounces in 1952); old tailings, slag, and smelter cleanings, 1,326 ounces (558 ounces in 1952); and placers 9 ounces (0 in 1952). All, except 24 ounces, of the gold recovered from copper ore came from the West Mountain (Bingham) district, and 95 percent of the gold recovered from lead-zinc ore came from the Park City region and West Mountain (Bingham) district.

The West Mountain (Bingham) district supplied 450,882 ounces (93 percent) of the total gold, an increase of 8 percent over 1952; the Park City region 27,919 ounces (6 percent), approximately double that in 1952; and the Tintic district 3,264 ounces (about 1 percent), an 11-percent gain over 1952. Concentrates smelted yielded 477,603 ounces of the total gold, crude ore smelted 4,233 ounces, and old tailings, slag, and smelter cleanings smelted 1,585 ounces.

The leading gold producers in Utah in 1953--each with an output of more than 1,000 ounces of recoverable metal--were as follows: Utah Copper mine (Kennecott Copper Corp.) in the West Mountain (Bingham) district; the property of the New Park Mining Co. in the Park City region; the United States & Lark group in the West Mountain (Bingham) district; Chief Consolidated No. 1 mine in the Tintic district; and the West Calumet mine in the Rush Valley district. These five properties furnished 99 percent of the State gold.

The total production of gold in Utah, in terms of recoverable metal, from 1864 through 1953, has been 13,555,824 ounces valued at $374,678,880.

The mine production of silver in Utah in 1953 was 6,725,807 fine ounces valued at $6,087,195--a decrease of 6.51 percent in quantity and value from 7,194,109 ounces valued at $6,511,032 in 1952. A decrease of 709,807 ounces in production of silver from lead-zinc ore in 1953 more than offset the increase of 275,940 ounces from copper ore and siliceous ores and old tailings. Although Utah's silver output in 1953 was 6 percent below the yearly average of the 10-year period (1943-52), the State continued to rank second in silver output (exceeded only by Idaho). In 1953 the West Mountain (Bingham) district supplied 5,027,419 ounces (75 percent) of the total silver, a decrease of 6 percent from 1952; the Park City region 802,036 ounces (12 percent), a decrease of 7 percent; and the Tintic district 580,209 ounces (9 percent), a decrease of 13 percent.

Copper ore supplied 3,412,050 ounces (51 percent) of the State's total silver--127,580 ounces (4 percent) more than in 1952--and lead-zinc ore 2,487,330 ounces (37 percent)--709,807 ounces (22 percent) less than in 1952. Siliceous gold and silver ores yielded 586,628 ounces of silver (551,483 ounces in 1952); and lead ore, 39,344 ounces (72,178 ounces in 1952). Old tailings, slag, and smelter cleanings supplied 200,454 ounces of silver (88,345 ounces in 1952). Virtually all of the silver recovered from copper ore came from the West Mountain (Bingham) district and 97 percent of the silver recovered from lead-zinc ore came from the Park City region, Rush Valley district, Tintic district, and West Mountain (Bingham) district. Concentrates smelted yielded 5,896,071 ounces of the total silver, crude ore smelted 629,281 ounces, old tailings, slag, and smelter cleanings smelted 200,454 ounces, and placers 1 ounce.

Utah properties that produced more than 150,000 ounces of recoverable silver each in 1953 were as follows: Utah Copper mine, United States & Lark group, Chief Consolidated No. 1 mine, and the New Park, Ontario waste dump, Calumet, and Butterfield properties. These seven producers contributed 94 percent of the State silver.

The total production of silver in Utah, in terms of recoverable metal, from 1864 through 1953, has been 770,037,149 ounces valued at $570,120,428.

WASHINGTON

Gold produced from Washington mines in 1952 totaled 54,776 fine ounces valued at $1,917,160. Output of the metal decreased 19 percent compared with 1951. The 1952 figure was the smallest yearly total since 1947.

Almost 99 percent of the gold recovered came from Chelan and Ferry County mines, in north-central Washington. The largest producers were, in order of their output, Knob Hill mines, Knob Hill Mines, Inc., Republic district, Ferry County; Holden mine of Howe Sound Co., Chelan Lake district, Chelan County; and Gold King mine, Lovitt Mining Co., Wenatchee River district, Chelan County. About 65 percent of the State's gold was recovered from gold ore and most of the remainder from zinc-copper ore. Only three ounces of gold was recovered by placer mining.

Total production of gold in Washington in terms of recoverable metal, from 1860 through 1952, has been 2,570,002 fine ounces valued at $68,705,393.

The mine output of silver amounted to 315,645 fine ounces with a value of $285,674, a decrease of 6 percent in quantity from the 334,948 fine ounces produced in 1951. About 77 percent of the silver came from Chelan and Ferry Counties and 22 percent from Pend Oreille and Stevens Counties, in the northeastern corner of the State. The Knob Hill mine was the largest producer, followed by the Holden mine; the Bonanza mine of Anaconda Copper Mining Co., Bossburg district, Stevens County; the Pend Oreille mine of Pend Oreille Mines and Metals Co., Metaline district, Pend Oreille County; and the Gold King mine.

About 52 percent of Washington's silver output was obtained from gold ore, 26 percent from zinc-copper ore, and 14 percent from zinc-lead ore; smaller amounts of silver were obtained from lead ore and old lead tailings, zinc ore, copper ore, and silver ore.

The total production of silver in Washington, in terms of recoverable metal, from 1860 through 1952, has been 14,871,542 fine ounces valued at $10,957,311.

In 1953, Washington's mines yielded 62,560 ounces of gold valued at $2,189,600. Production increased 8 percent compared to 1952, due to substantial gains in output of gold ore from the Knob Hill mine, Knob Hill Mines, Inc., Ferry County, and the Gold King mine of Lovitt Mining Co., Chelan County, which more than offset a decrease in production from the Holden mine. The latter property, operated in Chelan County by Howe Sound Co., supplied copper-zinc ore with gold an important byproduct. The three mines contributed 98 percent of the State's gold production. The principal source of the remaining 2 percent was copper-zinc ore from the Alder group, Okanogan County. Gold was contained also in lead-zinc ores mined in Pend Oreille and Stevens Counties. Gold ore supplied nearly 74 percent of the State total and base metal ore accounted for 26 percent. A small quantity of the metal was recovered from placer properties.

The total production of gold in Washington, in terms of recoverable metal, from 1860 through 1953, has been 2,632,562 fine ounces valued at $70,894,993.

Mine output of silver in 1953 totaled 321,202 fine ounces with a value of $290,704, an increase of 2 percent in quantity and value compared to 1952. As in the case of gold, increased production from the Knob Hill and Gold King mines accounted for the advance by offsetting a decline in silver output by the Holden property. About 78 percent of the State's production in 1953 was supplied by the three mines, with the Knob Hill mine continuing as by far the largest producer.

Of the State total, 59 percent came from gold ore, 21 percent from copper-zinc ore, and nearly all the remainder from lead-zinc and zinc ores.

From 1860 through 1953, production of silver in terms of recoverable metal has totaled 15,192,744 fine ounces valued at $11,248,015.

WYOMING

The only output of gold and silver reported from Wyoming in 1952 was 1.32 ounces of gold dust containing 1.12 fine ounces of gold (rounded to 1 fine ounce worth $35 for statistical purposes) and 0.11 fine ounce of silver (omitted in rounded production statistics). The gold dust was recovered from the Las Vegas placer in the Atlantic City district, Fremont County.

Gold mining in Wyoming during the 10-year period ended with 1952 consisted of small-scale intermittent operations except in 1947, when the Carissa mine in the Atlantic City district, equipped with a 70-ton amalgamation-cyanidation mill, produced 1,455 ounces of gold and 84 ounces of silver, valued altogether at $51,000.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1952 has been 80,041 fine ounces of gold valued at $1,909,763, and 74,821 fine ounces of silver valued at $51,914.

The only production of gold in Wyoming in 1953 was 1 ounce valued at $35 recovered from the Hermit Creek placer in the South Pass district of Fremont County. Silver production totaled 11 ounces valued at $10, recovered from copper ore shipped from the Joycie claim in the Bosler area of Albany County.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1953 has been 80,042 fine ounces of gold valued at $1,909,798, and 74,832 fine ounces of silver valued at $51,924.

STATES EAST OF THE MISSISSIPPI

ILLINOIS, NEW YORK, PENNSYLVANIA, AND VERMONT (1952)

Mines in Illinois, New York, Pennsylvania, and Vermont produced in 1952 a total of 1,662 fine ounces of gold valued at $58,170 and 97,284 fine ounces of silver valued at $88,046. Output from these States in 1951 totaled 2,335 fine ounces of gold, valued at $81,725 and 105,908 fine ounces of silver valued at $95,852.

Illinois: Illinois mines yielded 3,781 ounces of silver in 1952, all of which was recovered in the smelting of lead concentrates produced as a co- or by-product with fluorspar from properties in southern Illinois. The principal producer was the Ozark-Mahoning Company which operated several fluorspar mines and its all-flotation custom mill at Rosiclare, Hardin County. The State's output of silver in 1951 was 3,465 ounces.

Maryland: No gold or silver was reported produced in Maryland in 1952. In 1951 production of one ounce of gold was credited to the Maryland mine in Montgomery County.

New York: Silver is recovered as a by-product from smelting lead concentrates produced at the Balmat mine of the St. Joseph Lead Company in St. Lawrence County. Production in 1952 totaled 38,895 ounces compared with 47,568 ounces in 1951. The drop in output was due principally to a labor strike which closed the Balmat mine from July 1 through September 14.

Pennsylvania: All the gold and silver produced in Pennsylvania for a number of years has been from the Cornwall mine of the Bethlehem Steel Company in Lebanon County. The chief products of the mine, which has been operated since the middle of the 18th century, are iron and copper. Output of gold and silver in 1952 was 1,500 ounces and 9,247 ounces, respectively. In 1951 production was 2,179 ounces of gold and 13,575 ounces of silver. The nation-wide steel strike which halted iron mining at the property in mid-summer of 1952 was the major factor contributing to the decline in output as compared with 1951.

Vermont: The Vermont Copper Company, only active producer of gold, silver, and copper in the State in 1952, operated its Elizabeth mine and 500-ton flotation mill in Orange County throughout the year. Copper ore treated yielded 162 ounces of gold and 45,361 ounces of silver compared with 156 ounces of gold and 41,300 ounces of silver in 1951.

GEORGIA

Output of gold in 1953 was 2 fine ounces valued at $59. No output was reported in 1952. This gold was obtained from stream gravel deposits by Homer Mundy, Gainesville, from the Boles Mine in Gwinnett County.

ILLINOIS, NEW YORK, PENNSYLVANIA, VERMONT, AND VIRGINIA (1953)

Mines in Illinois, New York, Pennsylvania, Vermont, and Virginia, produced in 1953 a total of 1,305 fine ounces of gold valued at $45,675, and 89,005 fine ounces of silver valued at $80,554. Output from these States in 1952 totaled 1,662 fine ounces of gold valued at $58,170, and 97,284 fine ounces of silver valued at $88,046.

Illinois: Illinois mines yielded 2,338 ounces of silver in 1953, all of which was recovered in the smelting of lead concentrates produced as a co- or by-product with fluorspar from properties in southern Illinois. As in previous years the principal producer was the Ozark-Mahoning Co. which operated several fluorspar mines in Hardin County and its all-flotation custom mill at Rosiclare. The State's output of silver in 1952 was 3,781 ounces. Labor strikes at the mines during the summer months of 1953 resulted in loss of production and accounted in part for the decline in silver output from the 1952 level.

New York: Silver is recovered as a by-product from smelting lead concentrates produced at the Balmat mine and mill of the St. Joseph Lead Co. in St. Lawrence County. Production in 1953 totaled 35,398 ounces compared with 38,895 ounces in 1952. The mine and mill were operated six days a week, three shifts per day, throughout 1953.

Pennsylvania: All the gold and silver produced in Pennsylvania for a number of years has come from the Cornwall Mine of the Bethlehem Steel Co. in Lebanon County. The chief products of the mine, which has been operated since the middle of the Eighteenth Century, are iron and copper. Output of gold and silver in 1953 was 1,134 ounces and 6,972 ounces, respectively. In 1952 production was 1,500 ounces of gold, and 9,247 ounces of silver.

Vermont: The Vermont Copper Co. continued in 1953 to be the only active producer of gold, silver, and copper in the State. The company operated its Elizabeth Mine and flotation mill in Orange County throughout the year. Copper ore treated yielded 171 ounces of gold and 43,128 ounces of silver, compared with 162 ounces of gold and 45,361 ounces of silver in 1952. Improvements at the property during the year included expansion of mill capacity from 800 tons per day to 950 tons.

Virginia: A total of 1,169 ounces of silver was recovered as a by-product of lead-zinc mining in Virginia during 1953.

TENNESSEE

Production from Tennessee in 1952 was 241 fine ounces of gold, valued at $8,435 and 57,569 fine ounces of silver valued at $52,103. In 1951, the output totaled 111 ounces of gold valued at $3,885 and 24,960 ounces of silver valued at $22,590, indicating increases in 1952 over 1951 in output and value of 117 percent for gold and 131 percent for silver. Of the 1951 total, 3 ounces valued at $105 was produced in Georgia.

In 1952, all of the gold reported was obtained as a by-product of copper mining operations and was recovered from slimes in the electrolytic refining of the copper. No other lode gold was produced in the southeastern States, nor was there reported any gold output from placer operations. By-product gold in 1952, as in other recent years, came from the sulphide ores mined by the Tennessee Copper Company in Polk County, Tennessee.

All of the silver produced in 1952 was recovered as a by-product from sulphide ores concentrated by the Tennessee Copper Company from its group of five mines in the Copperhill-Ducktown area in southeastern Tennessee.

Output from Tennessee in 1953 totaled 293 fine ounces of gold, valued at $10,255 and 68,935 fine ounces of silver valued at $62,390. In 1952, production totaled 241 ounces of gold valued at $8,435 and 57,569 fine ounces of silver valued at $52,103, indicating increases in 1953 over 1952 in output and value of 22 percent for gold and 20 percent for silver.

All of the gold reported in 1953 was recovered as a by-product of copper mining. The by-product gold in 1953, as in other recent years, was obtained from the sulphide ores mined by the Tennessee Copper Company in Polk County, Tennessee. No placer gold was reported from Tennessee in 1953.

Silver produced in 1953 was recovered as a by-product from the sulphide ores concentrated by the Tennessee Copper Company from mines in the Copperhill area in Polk County, in the southeastern part of the State. No placer silver was reported.

Distribution of gold and silver production of the United States, in fine ounces, for 1952, by sources of production (Table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores[1]	Lead ores[2]	Copper ores
		Floating bucket-line dredges	All other			
Alaska	1,267	198,524	40,766	32,753	233	.....
Arizona	112,285	.....	70	162,814	1,628,949	2,909,567
California	115,833	131,806	10,537	85,896	1,001,735	12,027
Colorado	122,414	[3] 1,897	283	795,891	2,017,501	251
Idaho	28,676	2,359	1,962	9,935,220	4,980,129	7,816
Missouri	.....	.....	.....	.....	517,432	.....
Montana	24,083	.....	78	382,355	4,214,482	1,541,348
Nevada	84,124	[3] 33,015	64	74,656	692,182	174,357
New Mexico	2,947	.....	2	1,398	392,585	85,335
Oregon	613	4,571	325	3,675	.....	362
South Dakota	482,534	.....	.....	131,767	335	.....
Texas	39	.....	.....	.....	4,466	206
Utah	435,507	.....	.....	624,849	3,278,472	3,290,788
Washington	54,773	.....	3	163,472	152,136	37
Wyoming	.....	.....	1	.....	.....	.....
States east of the Mississippi	[4] 1,903	.....	.....	.....	42,676	[4] 112,177
Total	1,466,998	372,172	54,091	12,394,746	18,923,313	8,134,271

[1] Includes small quantity of silver from placer mines (55,046 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Production by nonfloating washing plants included with that by bucket-line dredges; Bureau of Mines not at liberty to publish separately.
[4] Includes magnetite-pyrite ore.

Distribution of gold and silver production of the United States, in fine ounces, for 1953, by sources of production (Table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores[1]	Lead ores[2]	Copper ores
		Floating bucket-line dredges	All Other			
Alaska	667	197,701	55,415	34,585	802	.....
Arizona	112,715	.....	109	215,556	966,111	3,169,762
California	111,245	119,022	4,324	43,940	982,699	9,733
Colorado	117,589	[3] 1,218	411	562,545	1,637,654	118
Idaho	11,743	3,865	2,022	8,884,677	5,731,634	23,429
Missouri	.....	.....	.....	.....	359,781	.....
Montana	23,545	.....	1,223	98,738	4,502,764	2,088,054
Nevada	85,489	[3] 16,262	48	47,318	369,759	280,009
New Mexico	2,609	.....	5	3,580	93,896	107,833
Oregon	1,199	6,935	354	12,187	.....	72
South Dakota	534,987	.....	.....	138,042	600	.....
Texas	.....	.....	.....	.....	.....	.....
Utah	483,421	.....	9	769,988	2,531,930	3,423,889
Washington	62,531	.....	29	190,104	130,553	545
Wyoming	.....	.....	1	.....	.....	11
States east of the Mississippi	[4] 1,598	.....	.....	.....	38,905	[4] 119,035
Total	1,549,338	345,003	63,950	11,001,260	17,347,088	9,222,490

[1] Includes small quantity of silver from placer mines (47,325 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Production by nonfloating washing plants included with that by bucket-line dredges; Bureau of Mines not at liberty to publish separately.
[4] Includes magnetite-pyrite ore.

ADDENDA TO ANNUAL REPORT OF THE DIRECTOR OF THE MINT FISCAL YEAR ENDED JUNE 30, 1954

TABLE 1. --United States coins manufactured, fiscal year 1954

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces	Gross weight in short tons[1]
Half dollars:						
Regular design	$6,105,204.50	$3,600,700.00	$15,268,790.00	$24,974,694.50	49,949,389	690
Commemorative design[2]	6,003.00	56,011.50	6,003.00	68,017.50	136,035	
Quarter dollars	12,051,102.25	3,303,000.00	14,948,500.00	30,307,602.25	121,230,409	835
Dimes	9,016,840.90	4,076,000.00	15,246,700.00	28,339,540.90	283,395,409	781
5-cent pieces	3,282,012.50	1,192,200.00	3,635,283.00	8,109,495.50	162,189,910	894
1-cent pieces	2,284,632.50	908,400.00	5,154,500.00	8,347,532.50	834,753,250	2,862
Total	32,745,795.65	13,141,311.50	54,259,776.00	100,146,883.15	1,451,654,402	6,062

[1] Metals consumed totaled 6,062 tons, including 2,076 tons of silver, 3,620 tons of copper, 223 tons of nickel, and 143 tons of zinc and tin.
[2] Booker T. Washington-George Washington Carver design.

TABLE 2.--Foreign coins manufactured for other countries by United States Mints, fiscal year 1954

Country and denomination	Number of coins manufactured			Composition	Gross weight per coin	Total gross weight
	Philadelphia Mint	San Francisco Mint	Total[1]			
					Grams	*Short tons*
Costa Rica:						
10 centimos	5,290,000	.....	5,290,000	Chromium, stainless steel.	1.75	10
5 centimos	9,040,000	.....	9,040,000	....do.....	.875	9
Total	14,330,000	.....	14,330,000	....do.....	.....	19
Cuba:						
1 peso	1,000,000	.....	1,000,000	900 silver, 100 copper....	26.7295	29
50 centavos	2,000,000	.....	2,000,000	....do.....	12.5	28
Total	3,000,000	.....	3,000,000	.....	.....	57
Dominican Republic:						
10 centavos	750,000	.....	750,000	900 silver, 100 copper....	2.5	2
El Salvador:						
50 centavos	.....	3,000,000	3,000,000	900 silver, 100 copper....	5	16
25 centavos	.....	14,000,000	14,000,000	....do.....	2.5	39
10 centavos	.....	1,268,628	1,268,628	70 copper, 18 zinc, 12 nickel.....	7	10
5 centavos	.....	2,000,000	2,000,000	....do.....	5	11
Total	.....	20,268,628	20,268,628	.....	.....	76
Grand total	18,080,000	20,268,628	38,348,628	.....	.....	154

[1] No foreign coins were manufactured by the Denver Mint during the fiscal year 1954.

TABLE 3.--Shipments of United States coins for circulation by the Bureau of the Mint, fiscal year 1954[1]

Denomination	Number of coins shipped	Face value	Gross weight in short tons
Standard silver dollars	9,280,000	$9,280,000.00	273
Half dollars	18,218,177	9,109,088.50	251
Quarter dollars	70,490,448	17,622,612.00	486
Dimes	170,816,453	17,081,645.30	471
5-cent pieces	131,611,355	6,580,567.75	725
1-cent pieces	812,575,355	8,125,753.55	2,786
Total	1,212,991,788	67,799,667.10	4,992

[1] Includes 108,322 sets of proof coins sold.

TABLE 4.--Uncurrent and mutilated United States coins, including assay pieces, returned to Mint institutions and melted, fiscal year 1954

Class and denomination	Number of pieces	Face value
Gold:		
Double eagles	3,890	$77,800.00
Eagles	1,401	14,010.00
Half eagles	1,924	9,620.00
$3 pieces	4	12.00
Quarter eagles	858	2,145.00
$1 pieces	39	39.00
Total gold	8,116	103,626.00
Silver:		
Trade dollars	.....	.....
Standard dollars	498,034	498,034.00
Half dollars	694,313	347,156.50
Quarter dollars	2,259,535	564,883.75
20-cent pieces	28	5.60
Dimes	3,929,138	392,913.80
Half dimes	184	9.20
3-cent pieces	264	7.92
Total silver	7,381,496	1,803,010.77
Nickel:		
5-cent pieces	1,197,585	59,879.25
3-cent pieces	160	4.80
1-cent pieces	354	3.54
Total nickel	1,198,099	59,887.59
Copper:		
1-cent pieces	296	2.96
1/2-cent pieces	.....	.....
Total copper	296	2.96
Bronze and copper-zinc:		
2-cent pieces	184	3.68
1-cent pieces	5,330,625	53,306.25
Total bronze and copper-zinc	5,330,809	53,309.93
Copper-silver-manganese 5-cent pieces	355,578	17,778.90
Zinc-coated steel 1-cent pieces	5,646,252	56,462.52
Total minor	12,531,034	187,441.90
Grand total	19,920,646	2,094,078.67

TABLE 5.--Analysis of monetary assets and liabilities of the Bureau of the Mint on June 30, 1954

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Fort Knox Depository	Total
ASSETS							
Gold bullion	$2,467,056.49	$591,930,580.48	$5,875,866,240.00	$2,971,736,270.01	$1,531,749.47	$12,483,414,764.30	$21,926,946,660.75
Silver bullion	193,385,952.21	805,375,931.32	164,335,445.20	687,761,580.34	5,025.01	.....	1,850,864,834.08
Silver coin	161,776,792.70	19,107,422.60	30,579,550.80	45,685,000.00	.....	.....	257,148,766.10
Minor coin	1,217,757.51	943,368.80	363,892.92	.....	.....	.....	2,525,019.23
Unclassified cash	8,213.50	643.57	833.99	734.93	.....	.....	10,425.99
Minor coinage metal	229,783.56	179,042.16	247,655.48	.....	.....	.....	656,481.20
Reimbursable losses on melted coin	321.14	820.19	47.57	281.62	.....	.....	1,470.52
Total assets	359,085,877.11	1,417,537,809.12	6,071,393,665.96	3,705,183,866.90	1,537,674.48	12,483,414,764.30	24,038,153,657.87
LIABILITIES							
Bullion fund	358,850,694.98	1,417,354,298.16	6,071,107,850.56	3,705,183,866.90	1,537,674.48	12,483,414,764.30	24,037,449,149.38
Minor coinage metal fund	230,186.13	183,510.96	285,815.40	.....	.....	.....	699,512.49
Unapplied receipts	4,996.00	.....	.....	.....	.....	.....	4,996.00
Total liabilities	359,085,877.11	1,417,537,809.12	6,071,393,665.96	3,705,183,866.90	1,537,674.48	12,483,414,764.30	24,038,153,657.87

TABLE 6.--Gold transactions of the Bureau of the Mint, fiscal year 1954, in fine ounces (to thousandths of an ounce)

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of fiscal year 1954.....	112,106.982	16,428,683.532	166,948,372.460	101,563,337.999	71,483.903	356,668,993.278	641,792,978.154
2. Increases during the fiscal year 1954:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined.....	9.785	124,511.737	90,263.520	23.446	286,350.489	.....	501,158.977
(b) Refined.....	.....	44,617.732	804,515.840	106,222.340	6.763	.....	955,362.675
	9.785	169,129.469	894,779.360	106,245.786	286,357.252	.....	1,456,521.652
(2) U.S. gold coins received and melted.....	556.716	598.004	234.194	3,610.679	3.798	.....	5,003.391
(3) Deposits of scrap gold from domestic sources[1].....	41,247.943	16,649.842	45,922.750	111,957.867	3,949.789	.....	219,728.191
(4) Transfers from other Mint institutions.....	.....	318,107.845	.....	53,843.678	.....	.....	371,951.523
(5) Other[2].....	196.253	116.608	851.134	245,612.862	27.391	.....	246,804.248
Total increases.....	42,010.697	504,601.768	941,787.438	521,270.872	290,338.230	.....	2,300,009.005
3. Decreases during the fiscal year 1954:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Sold.....	20,618.411	20,027.520	7,901.642	918,125.546	.....	.....	966,673.119
(b) Exchanged for scrap gold deposits from domestic sources.....	8,909.771	.....	.....	.....	.....	.....	8,909.771
	29,528.182	20,027.520	7,901.642	918,125.546	.....	.....	975,582.890
(2) Gold bars exchanged for gold deposits other than domestic scrap.....	.....	.....	.....	116,821.350	.....	.....	116,821.350
(3) Transfers to other Mint institutions.....	53,843.678	.....	.....	50.000	318,057.845	.....	371,951.523
(4) Other[3].....	257.740	955.478	365.691	16,142,861.136	.....	.....	16,144,440.045
Total decreases.....	83,629.600	20,982.998	8,267.333	17,177,858.032	318,057.845	.....	17,608,795.808
4. Gold held at close of fiscal year 1954.....	70,488.079	16,912,302.302	167,881,892.565	84,906,750.839	43,764.288	356,668,993.278	626,484,191.351

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweeps, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U.S. Stabilization Fund for the Treasury Department.

TABLE 7.--Gold transactions of the Bureau of the Mint, fiscal year 1954, value at $35 per fine ounce

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of fiscal year 1954	$3,923,721.31	$575,003,923.63	$5,843,193,036.62	$3,554,716,829.64	$2,501,937.15	$12,483,414,764.30	$22,462,754,212.65
2. Increases during the fiscal year 1954:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined	342.47	4,357,910.82	3,159,223.05	820.59	10,022,266.12	.....	17,540,563.05
(b) Refined	.....	1,561,620.61	28,158,054.32	3,717,782.05	236.70	.....	33,437,693.68
	342.47	5,919,531.43	31,317,277.37	3,718,602.64	10,022,502.82	.....	50,978,256.73
(2) U.S. gold coins received and melted	19,485.08	20,930.13	8,196.78	126,373.76	132.92	.....	175,118.67
(3) Deposits of scrap gold from domestic sources[1]	1,443,675.51	582,744.57	1,607,296.19	3,918,516.29	138,242.45	.....	7,690,475.01
(4) Transfers from other Mint institutions	.....	11,133,774.56	.....	1,884,528.73	.....	.....	13,018,303.29
(5) Other[2]	6,868.82	4,081.29	29,789.69	8,596,450.09	958.69	.....	8,638,148.58
Total increases	1,470,371.88	17,661,061.98	32,962,560.03	18,244,471.51	10,161,836.88	.....	80,500,302.28
3. Decreases during the fiscal year 1954:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Sold	721,644.76	700,963.39	276,557.46	32,134,393.88	.....	.....	33,833,559.49
(b) Exchanged for scrap gold deposits from domestic sources	311,842.29	.....	.....	.....	.....	.....	311,842.29
	1,033,487.05	700,963.39	276,557.46	32,134,393.88	.....	.....	34,145,401.78
(2) Gold bars exchanged for gold deposits other than domestic scrap	.....	.....	.....	4,088,747.26	.....	.....	4,088,747.26
(3) Transfers to other Mint institutions	1,884,528.73	.....	.....	1,750.00	11,132,024.56	.....	13,018,303.29
(4) Other[3]	9,020.92	33,441.74	12,799.19	565,000,140.00	.....	.....	565,055,401.85
Total decreases	2,927,036.70	734,405.13	289,356.65	601,225,031.14	11,132,024.56	.....	616,307,854.18
4. Gold held at close of fiscal year 1954	2,467,056.49	591,930,580.48	5,875,866,240.00	2,971,736,270.01	1,531,749.47	12,483,414,764.30	21,926,946,660.75

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweeps, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U.S. Stabilization Fund for the Treasury Department.

TABLE 8.--Silver bullion transactions of the Bureau of the Mint, fiscal year 1954, in fine ounces (to hundredths of an ounce)[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of fiscal year 1954:						
(1) At monetary value	106,502,999.66	598,696,036.84	144,519,413.74	427,542,272.84	.....	1,277,260,723.08
(2) At cost value	35,505,258.47	11,112,641.86	14,030,849.75	1,218,453.15	11,948.06	61,879,151.29
(3) At recoinage value	.....	.....	.....	.....	.....	.....
Total holdings	142,008,258.13	609,808,678.70	158,550,263.49	428,760,725.99	11,948.06	1,339,139,874.37
2. Increases during the fiscal year 1954:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	8,982,555.87	21,646,026.71	2,852,931.40	225,071.33	29,175.37	33,735,760.68
(b) Received as bullion ordinary	1.14	5,205.53	5,240.91	5.80	10,440.77	20,894.15
	8,982,557.01	21,651,232.24	2,858,172.31	225,077.13	39,616.14	33,756,654.83
(2) Deposits of scrap silver from domestic sources[2]	41,040.59	256,861.38	13,329.50	212,415.51	1,320.39	524,967.37
(3) Recoinage bullion from uncurrent U. S. silver dollars	282,770.21	62,729.67	21,818.43	.....	.....	367,318.31
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	580,025.36	264,367.62	69,331.86	.....	.....	913,724.84
(5) Return of Treasury silver from RFC silver custody account	16,353,697.48	.....	.....	.....	.....	16,353,697.48
(6) Purchase of silver from RFC	4,242,879.13	.....	.....	.....	.....	4,242,879.13
(7) Return of Treasury silver by other U. S. Government agencies	.....	.....	.....	103,038,470.67	.....	103,038,470.67
(8) Seigniorage on silver bullion revalued[3]	.....	.....	.....	.....	.....	.....
(9) Transfers from other Mint institutions[4]	16,000,000.00	10,197,351.73	20,784,069.56	1,161,894.87	.....	48,143,316.16
(10) Other[5]	22,150.58	4,575.79	8,769.12	27,482.21	5.59	62,983.29
Total increases	46,505,120.36	32,437,118.43	23,755,490.78	104,665,340.39	40,942.12	207,404,012.08
3. Decreases during the fiscal year 1954:						
(1) Processed into U. S. subsidiary silver coins	19,598,484.16	7,979,876.64	32,867,261.62	.....	.....	60,445,622.42
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	26,612.26	244,764.68	.....	185,129.34	.....	456,506.28
(b) For other silver deposits	.....	.....	.....	15,048.80	.....	15,048.80
	26,612.26	244,764.68	.....	200,178.14	.....	471,555.08
(3) Silver sold for medals, etc	2,326.13	.....	.....	.....	.....	2,326.13
(4) Transfers to other Mint institutions[4]	16,226,801.68	10,151,073.63	20,784,069.56	935,510.59	45,860.70	48,143,316.16
(5) Other[6]	20,588.28	4,920.62	8,677.22	.....	.....	34,186.12
Total decreases	35,874,812.51	18,380,635.57	53,660,008.40	1,135,688.73	45,860.70	109,097,005.91
4. Silver bullion held at close of fiscal year 1954:						
(1) At monetary value	144,556,697.14	621,044,963.21	123,735,344.18	531,515,886.70	.....	1,420,852,891.23
(2) At cost value	8,077,709.36	2,727,063.76	4,910,401.69	774,490.95	7,029.48	16,496,695.24
(3) At recoinage value	4,159.48	93,134.59	.....	.....	.....	97,294.07
Total holdings	152,638,565.98	623,865,161.56	128,645,745.87	532,290,377.65	7,029.48	1,437,446,880.54

[1] Does not include silver deposited for foreign coinage orders by foreign governments.
[2] Includes old jewelry, plate, etc.
[3] Seigniorage represents the difference between cost value and monetary value of 5,700,000 fine ounces and 18,500,000 fine ounces of silver bullion received under the act of July 31, 1946 which was revalued at the Philadelphia and San Francisco Mints respectively, and held to secure silver certificates. See value table.
[4] Includes physical and book transfers.
[5] Includes mutilated coins, other miscellaneous deposits not classified above, operative recoveries, settlement surplus, etc.
[6] Includes sale of sweeps, operative wastage, etc.

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TABLE 9. --Silver bullion transactions of the Bureau of the Mint, fiscal year 1954, value[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of fiscal year 1954:						
(1) At monetary value	$137,700,847.52	$774,071,642.77	$186,853,383.43	$552,781,925.31	.....	$1,651,407,799.03
(2) At cost value	17,908,518.08	7,172,203.85	7,582,843.31	886,877.17	$10,385.92	33,560,828.33
(3) At recoinage value	.....	.....	.....	.....	.....	.....
Total holdings	155,609,365.60	781,243,846.62	194,436,226.74	553,668,802.48	10,385.92	1,684,968,627.36
2. Increases during the fiscal year 1954:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	8,129,666.51	19,590,747.31	2,582,046.99	203,700.92	26,405.02	30,532,566.75
(b) Received as bullion ordinary	.96	4,424.79	4,454.82	4.93	8,874.21	17,759.71
	8,129,667.47	19,595,172.10	2,586,501.81	203,705.85	35,279.23	30,550,326.46
(2) Deposits of scrap silver from domestic sources[2]	34,879.70	218,332.37	11,330.20	180,550.12	1,122.15	446,214.54
(3) Recoinage bullion from uncurrent U. S. silver dollars	365,601.88	81,105.03	28,209.69	.....	.....	474,916.60
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	801,832.16	365,448.50	95,844.98	.....	.....	1,263,125.64
(5) Return of Treasury silver from RFC silver custody account	21,144,174.56	.....	.....	.....	.....	21,144,174.56
(6) Purchase of silver from RFC	3,012,444.18	.....	.....	.....	.....	3,012,444.18
(7) Return of Treasury silver by other U. S. Government agencies	.....	.....	.....	133,221,456.91	.....	133,221,456.91
(8) Seigniorage on silver bullion revalued[3]	2,210,909.14	7,175,757.61	.....	.....	.....	9,386,666.75
(9) Transfers from other Mint institutions[4]	20,686,868.67	10,562,202.33	12,234,756.90	1,414,292.25	.....	44,898,120.15
(10) Other[5]	17,429.29	3,373.57	5,067.86	23,359.83	4.75	49,235.30
Total increases	56,403,807.05	38,001,391.51	14,961,711.44	135,043,364.96	36,406.13	244,446,681.09
3. Decreases during the fiscal year 1954:						
(1) Processed into U. S. subsidiary silver coins	10,915,790.84	4,125,033.15	18,185,335.05	.....	.....	33,226,159.04
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	22,620.39	208,049.97	.....	157,359.79	.....	388,030.15
(b) For other silver deposits	.....	.....	.....	12,791.48	.....	12,791.48
	22,620.39	208,049.97	.....	170,151.27	.....	400,821.63
(3) Silver sold for medals, etc	1,817.67	.....	.....	.....	.....	1,817.67
(4) Transfers to other Mint institutions[4]	7,671,794.25	9,532,690.70	26,872,332.33	780,435.83	40,867.04	44,898,120.15
(5) Other[6]	15,197.29	3,532.99	4,825.60	.....	.....	23,555.88
Total decreases	18,627,220.44	13,869,306.81	45,062,492.98	950,587.10	40,867.04	78,550,474.37
4. Silver bullion held at close of fiscal year 1954:						
(1) At monetary value	186,901,587.71	802,967,224.28	159,981,051.10	687,212,456.24	.....	1,837,062,319.33
(2) At cost value	6,478,614.40	2,282,464.11	4,354,394.10	549,124.10	5,925.01	13,670,521.72
(3) At recoinage value	5,750.10	126,242.93	.....	.....	.....	131,993.03
Total holdings	193,385,952.21	805,375,931.32	164,335,445.20	687,761,580.34	5,925.01	1,850,864,834.08

[1] Does not include silver deposited for foreign coinage orders by foreign governments.
[2] Includes old jewelry, plate, etc.
[3] Seigniorage represents the difference between cost value and monetary value of 5,700,000 fine ounces and 18,500,000 fine ounces of silver bullion received under the act of July 31, 1946 which was revalued at the Philadelphia and San Francisco Mints respectively, and held to secure silver certificates.
[4] Includes physical and book transfers.
[5] Includes mutilated coins, other miscellaneous deposits not classified above, operative recoveries, settlement surplus, etc.

TABLE 10.--Miscellaneous operating data, Bureau of the Mint, fiscal year 1954

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
1. Gold and silver bullion deposit transactions, number	1,129	2,409	1,048	3,740	937	9,263
2. Gold and silver deposit assay determinations, number	4,986	6,504	3,018	3,980	1,145	19,633
3. Refinery production:						
Gold refined by electrolytic process, fine ounces	.....	1,052,737.605	.....	.....	.....	1,052,737.605
Gold refined by "fire" process, fine ounces	.....	6,117.906	.....	1,176,428.924	.....	1,182,546.830
Silver refined by electrolytic process, fine ounces	.....	743,892.28	.....	.....	.....	743,892.28
Silver refined by "fire" process, fine ounces	.....	.....	.....	102,893,359.67	.....	102,893,359.67
4. Metal operated upon by the melting and refining division:						
Gold, fine ounces	60,969.685	2,160,882.178	23,353.137	2,935,821.106	.....	5,181,026.106
Silver, fine ounces	37,165,191.74	35,876,085.02	66,088,062.71	104,005,704.26	.....	243,135,043.73
Cupronickel alloy, gross ounces	19,175,400.00	6,773,144.92	15,302,571.70	.....	.....	41,251,116.62
Bronze alloy, gross ounces	36,259,500.00	14,969,786.44	65,361,536.36	.....	.....	116,590,822.80
5. Metal operated upon by the coining division:						
Gold, fine ounces (medals and sweeps)	767.630	.....	.....	.....	.....	767.630
Silver, fine ounces	36,438,911.48	13,897,709.87	64,263,971.56	.....	.....	114,600,592.91
Cupronickel alloy, gross ounces	12,601,800.08	6,679,895.42	19,227,550.00	.....	.....	38,509,245.50
Bronze alloy, gross ounces	26,113,846.30	13,796,329.99	84,068,250.00	.....	.....	123,978,426.29
6. Gold issue bars (400 troy ounces) manufactured:						
Number of bars	.....	2,472	1,784	270	.....	4,526
Fine ounces contained	.....	995,013.918	694,995.007	109,029.061	.....	1,799,037.986
7. Gold commercial bars (miscellaneous sizes) manufactured:						
Number of bars	305	1,050	.....	9,686	.....	11,041
Fine ounces contained	14,827.783	57,723.687	.....	848,893.586	.....	921,445.056
8. Silver issue bars (1,000 troy ounces) manufactured:						
Number of bars	.....	420	.....	95,494	.....	95,914
Fine ounces contained	.....	429,133.06	.....	102,748,637.95	.....	103,177,771.01
9. Silver commercial bars (miscellaneous sizes) manufactured:						
Number of bars	89	1,610	.....	813	.....	2,512
Fine ounces contained	9,984.90	314,759.22	.....	189,203.89	.....	513,948.01
10. Sweeps material sold:						
Quantity, net avoirdupois pounds	13,928	35,629	65,263.	37,896	.....	152,716
Gold content, fine ounces	160.525	975.209	365.691	380.185	.....	1,881.610
Silver content, fine ounces	21,542.23	4,436.94	8,677.22	4,955.90	.....	39,612.29
11. Operating gains (+) and losses (-):						
Gold bullion, fine ounces:						
Melting and refining	+56.347	-219.582	+115.524	+416.693	.....	+378.834
Coining (medals and sweeps)	+7.986	+1.054	+.812	.....	.....	(net)
Silver bullion, fine ounces:						
Melting and refining	+17,623.70	+8,655.72	+19,393.81	+253.74	.....	+25,291.74
Coining	-8,010.11	-3,379.95	-9,245.17	.....	.....	(net)

TABLE 10.--Miscellaneous operating data, Bureau of the Mint, fiscal year 1954--Continued

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
11. Operating gains (+) and losses (-):--Continued						
Cupronickel alloy, gross ounces:						
Melting and refining	-225,952.76	-769.80	-2,518.42	.....	.....	-272,343.43
Coining	-25,640.93	-10,192.12	-7,269.40	.....	.....	
Bronze alloy, gross ounces:						
Melting and refining	-37,024.21	-24,210.27	-78,583.49	.....	.....	-208,092.60
Coining	-28,608.45	-13,089.58	-26,576.60	.....	.....	
12. Silver bars in storage at West Point Depository, fine ounces:						
Held at beginning of fiscal year	.....	.....	.....	412,922,340.04	.....	412,922,340.04
Placed in storage during year	.....	.....	.....	101,071,657.58	.....	101,071,657.58
Held at end of fiscal year	.....	.....	.....	513,993,997.62	.....	513,993,997.62
13. Unrefined gold held on June 30, 1954, fine ounces	7,954.020	3,469,773.128	15,144,286.199	9,547,217.604	43,764.288	28,212,995.239
14. Unrefined silver held on June 30, 1954, fine ounces	49,790.35	5,206,323.17	6,167,422.72	10,325,665.98	7,029.48	21,756,231.70

TABLE 11.--Detail of revenues deposited into the general fund of the Treasury by the Bureau of the Mint, fiscal year 1954

Item	Office of the Director	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Bullion Depository	Seattle Assay Office	Total
GENERAL ACCOUNT RECEIPTS							
Seigniorage on subsidiary silver coinage	.....	$16,351,908.75	$6,889,678.83	$27,183,464.65	.....	.....	$50,425,052.23
Seigniorage on minor coinage	.....	4,624,518.46	1,767,142.89	7,104,874.79	.....	.....	13,496,536.14
Seigniorage on silver bullion, difference between cost value and monetary value	.....	2,210,909.14	7,175,757.61	.....	.....	.....	9,386,666.75
Charges on bullion deposits	.....	13,445.73	36,592.70	23,685.98	$49,682.12	$26,122.79	149,529.32
Bar charges on bullion sales	.....	1,000.80	712.76	365.79	17,930.18	.....	20,009.53
Proceeds of surplus bullion recovered	.....	20,650.71	6,309.93	20,030.94	6,926.48	1,453.05	55,371.11
Profit on sale of silver bullion	.....	299.12	.....	.....	.....	.....	299.12
Handling charges on gold purchases	.....	2,830.10	16,255.64	82,311.31	21,187.18	25,339.32	147,923.55
Handling charges on gold sales	.....	1,812.06	1,736.19	691.40	80,336.09	.....	84,575.74
Charges on sales and handling, not otherwise classified	.....	452.10	.....	1.80	.....	.....	453.90
Commissions on telephone pay stations in Federal buildings outside of Washington D.C.	.....	106.32	34.63	33.82	.....	.....	174.77
Fees, vending machines	.....	.....	.....	169.56	.....	.....	169.56
Unclaimed funds and abandoned property, not otherwise classified	.....	.....	.....	.....	21.30	.....	21.30
Fines, penalties, and forfeitures, not otherwise classified	.....	.....	.....	2,112.43	5,397.31	.....	7,509.74
Sale of stores	.....	425.00	.....	.....	.....	.....	425.00
Testing fees	.....	407.00	.....	6.00	2,502.00	254.50	3,169.50
Fees and other charges for administrative, professional, and scientific services, not otherwise classified	$1,561.76	134.24	.....	.....	.....	.....	1,696.00
Fees and other charges for miscellaneous services, not otherwise classified	.....	315.75	240.00	240.00	.....	.....	795.75
Sale of scrap and salvaged surplus materials	.....	1,500.73	.....	3,044.36	16,990.04	.....	21,535.13
Sale of equipment	205.00	.....	6,050.00	.....	.....	.....	6,255.00
Proceeds from sales of Government property, not otherwise classified	.....	4,628.69	54.60	.....	.....	.....	4,683.29
Recoveries, jury service	.....	55.30	.....	21.00	24.00	95.00	195.30
Refund of utility charges	.....	.....	.....	.....	180.00	.....	180.00
Refund on empty containers	.....	51.00	585.00	.....	12.00	.....	648.00
Recoveries and refunds, not otherwise classified	1.89	.55	9.25	.80	.....	.....	12.49
Total general account receipts	1,768.65	23,235,451.55	15,901,160.03	34,421,054.63	201,188.70	53,264.66	73,813,888.22
SPECIAL ACCOUNT RECEIPTS							
Increment resulting from reduction in the weight of the gold dollar	.....	159.25	106.17	98.79	.....	6.11	370.32
TRUST ACCOUNT RECEIPTS							
Unclaimed moneys of individuals whose whereabouts are unknown.	.....	2.03	.....	.....	.....	.....	2.03
Total receipts	1,768.65	23,235,612.83	15,901,266.20	34,421,153.42	201,188.70	53,270.77	73,814,260.57

TABLE 12.--Personnel of the Bureau of the Mint, fiscal year 1954

Bureau of the Mint	Number of employees										
	General	Coining	Melting and refining	Cash and deposits	Guard force	Mechanical	Engraving	Assaying	Custodial force	Total	
										June 30, 1954	June 30, 1953
Office of the Director.....	54	.....	.....	.....	.....	.....	.....	.....	.....	54	57
Philadelphia Mint.....	24	100	39	18	25	36	12	3	11	268	317
San Francisco Mint.....	15	36	39	9	21	19	.....	8	4	151	158
Denver Mint.....	19	66	43	12	24	32	.....	6	5	207	270
New York Assay Office.....	16	.....	44	29	21	11	.....	15	5	141	145
West Point Depository.....	.....	.....	....	.....	15	.....	.....	.....	3	18	18
Seattle Assay Office.....	3	.....	....	2	3	.....	.....	2	.....	10	11
Fort Knox Depository.....	3	.....	....	.....	27	2	.....	.....	2	34	35
Total, June 30, 1954..	134	202	165	70	136	100	12	34	30	883	.....
Total, June 30, 1953..	186	245	202	45	148	103	16	35	31	.....	1,011

TABLE 13.--Legal authority for United States coins currently issued

Denomination	Authorizing act and legal authority	Standard weight	Composition
Standard silver dollar	February 28, 1878 (20 Stat. 25)	26.73 grams or 412.5 grains	900/1000 silver, 100/1000 copper.
Half dollar.....	February 12, 1873; Rev. Stat.3513	12.5 grams or 192.9 grains	Do.
Quarter dollar.....	....do.....	6.25 grams or 96.45 grains	Do.
Dime.....	....do.....	2.5 grams or 38.58 grains	Do.
5-cent piece.....	February 12, 1873; Rev. Stat. 3515	5 grams or 77.16 grains	75 percent copper, 25 percent nickel.
1-cent piece.....	....do.....	3.11 grams or 48 grains	95 percent copper, 5 percent zinc and tin.

TABLE 14.--Designs of United States coins currently issued[1]

Denomination	Obverse	Reverse	First coined	First issued
Standard silver dollar.....	Female head emblematic of Liberty	Eagle on mountain top. Word "Peace".	Dec. 1921	Dec. 1921
Half dollar.....	Benjamin Franklin	Liberty Bell	Apr. 1948	Apr. 1948
Quarter dollar[2].....	George Washington	Eagle	Apr. 1932	Aug. 1932
Dime.....	Franklin D. Roosevelt	Torch of Liberty	Jan. 1946	Jan. 1946
5-cent piece.....	Thomas Jefferson	Monticello	Oct. 1938	Nov. 1938
1-cent piece.....	Abraham Lincoln	Wheat wreath	June 1909	Aug. 1909

[1] The design of a United States coin may not be changed more frequently than once in 25 years except by a special act of Congress.

[2] Change in design prior to 25 years authorized by the act of Mar. 4, 1931, in honor of the 200th anniversary of the birth of George Washington.

TABLE 15.--United States coins manufactured, calendar year 1953[1]

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total	Total face value	Total gross weight
	Pieces	*Pieces*	*Pieces*	*Pieces*		*Short tons*[2]
Half dollars:						
Regular design	2,796,920	4,148,000	20,900,400	27,845,320	$13,922,660	385
Commemorative design[3]	8,003	108,020	8,003	124,026	62,013	
Quarter dollars	18,664,920	14,016,000	56,112,400	88,793,320	22,198,330	612
Dimes	53,618,920	39,180,000	136,433,000	229,231,920	22,923,192	632
5-cent pieces	46,772,800	19,210,900	59,878,600	125,862,300	6,293,115	694
1-cent pieces	256,883,800	181,835,000	700,515,000	1,139,233,800	11,392,338	3,906
Total	378,745,363	258,497,920	973,847,403	1,611,090,686	76,791,648	6,229

[1] The Annual Assay Commission for 1954 met at the Philadelphia Mint the second Wednesday in February, as required by law, to examine and test the weight and fineness of United States coins reserved from the 1953 calendar year's coinage. Members of this Commission are partly ex officio, and the others, citizens who serve without compensation, are appointed each year by the President of the United States. In accordance with statutory requirements, one silver coin from each 10,000 silver coins manufactured at the several mints is selected at random and reserved for this examination. At conclusion of the tests the Commission reported that the coins met fully the prescribed legal standards, and that the trial was entirely satisfactory.

In addition to tests of the Annual Assay Commission, special assays involving comprehensive metallurgical and chemical tests from each day's production of silver coins are made in the laboratory of the Director of the Mint in Washington. Coins are not released for circulation until such tests have been conducted and the coins found to meet legally prescribed standards.

Silver coins manufactured by United States Mints for foreign governments are also tested in the laboratory to determine that legally prescribed coinage standards of the countries concerned are fully met.

[2] Includes 1,467 tons silver; 4,394 tons copper; 173 tons nickel; and 195 tons zinc and tin.

[3] Booker T. Washington-George Washington Carver design.

TABLE 16.--Foreign coins manufactured for other countries by United States Mints, calendar year 1953

Country and denomination	Composition	Gross weight per coin	Number of coins manufactured		
			Philadelphia Mint	San Francisco Mint	Total[1]
Costa Rica:		Grams			
10 centimos	Chromium stainless steel	1.75	5,290,000	.....	5,290,000
5 centimos	....do	0.875	9,040,000	.....	9,040,000
Total	.....	.....	14,330,000	.....	14,330,000
Cuba:		Grams			
1 peso	900 silver, 100 copper	26.7295	1,000,000	.....	1,000,000
50 centavos	....do	12.5	2,000,000	.....	2,000,000
25 centavos	....do	6.25	19,000,000	.....	19,000,000
20 centavos	....do	5	2,000,000	.....	2,000,000
1 centavo	70 copper, 30 zinc	2.3	47,840,000	.....	47,840,000
Total	.....	.....	71,840,000	.....	71,840,000
Dominican Republic:		Grams			
10 centavos	900 silver, 100 copper	2.5	750,000	.....	750,000
El Salvador:					
10 centavos	70 copper, 18 zinc, 12 nickel	Grams 7	.....	1,664,000	1,664,000
5 centavos	....do	5	.....	2,000,000	2,000,000
1 centavo	95 copper, 5 zinc	2.5	.....	10,000,000	10,000,000
Total	.....	.....	.....	13,664,000	13,664,000
Ethiopia:		Grains			
25 cents	95 copper, 5 zinc	105	28,701,000	.....	28,701,000
10 cents	....do	94	25,000,000	.....	25,000,000
5 cents	....do	62	34,888,000	.....	34,888,000
Total	.....	.....	88,589,000	.....	88,589,000
Haiti:					
10 centimes	70 copper, 18 zinc, 12 nickel	Grams 4	1,500,000	.....	1,500,000
5 centimes	....do	2.75	3,000,000	.....	3,000,000
Total	.....	.....	4,500,000	.....	4,500,000
Grand total	.....	.....	180,009,000	13,664,000	193,673,000

[1] No foreign coins were manufactured by the Denver Mint in 1953.

TABLE 17. --Shipments of United States coins for circulation by the Bureau of the Mint, calendar year 1953[1]

Denomination	Number of coins shipped	Face value	Gross weight in short tons
Standard silver dollars	9,814,879	$9,814,879.00	289
Half dollars	27,091,487	13,545,743.50	373
Quarter dollars	82,623,889	20,655,972.25	569
Dimes	223,529,806	22,352,980.60	616
5-cent pieces	121,520,339	6,076,016.95	670
1-cent pieces	1,072,055,444	10,720,554.44	3,676
Total	1,536,635,844	83,166,146.74	6,193

[1] Includes 130,439 sets of proof coins sold.

TABLE 18. --Uncurrent and mutilated United States coins, including assay pieces, returned to Mint institutions and melted, calendar year 1953

Class and denomination	Number of pieces	Face value	Class and denomination	Number of pieces	Face value
Gold:			Nickel--Continued		
Double eagles	2,356	$47,120.00	1-cent pieces	338	$3.38
Eagles	1,770	17,700.00			
Half eagles	1,895	9,475.00	Total nickel	1,720,079	85,984.45
$3 pieces	4	12.00			
Quarter eagles	669	1,672.50	Copper:		
$1 pieces	42	42.00	1-cent pieces	730	7.30
			½-cent pieces	16	.08
Total gold	6,736	76,021.50			
			Total copper	746	7.38
Silver:					
Trade dollars	.....	.....	Bronze and copper-zinc:		
Standard dollars	315,767	315,767.00	2-cent pieces	408	8.16
Half dollars	612,933	306,466.50	1-cent pieces	6,990,412	69,904.12
Quarter dollars	1,864,148	466,037.00			
20-cent pieces	33	6.60	Total bronze and copper-zinc	6,990,820	69,912.28
Dimes	3,593,394	359,339.40			
Half dimes	385	19.25	Copper-silver-manganese		
3-cent pieces	375	11.25	5-cent pieces	654,996	32,749.80
			Zinc-coated steel 1-cent		
Total silver	6,387,035	1,447,647.00	pieces	11,279,607	112,796.07
Nickel:			Total minor	20,646,248	301,449.98
5-cent pieces	1,719,442	85,972.10			
3-cent pieces	299	8.97	Grand total	27,040,019	1,825,118.48

TABLE 19.--Gold transactions of the Bureau of the Mint, calendar year 1953, in fine ounces (to thousandths of an ounce)

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of calendar year 1953.....	116,764.587	16,168,218.526	166,553,444.077	122,790,214.482	186,123.050	356,669,010.306	662,483,775.028
2. Increases during the calendar year 1953:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined.....	81.951	138,619.598	90,945.935	14,367.961	274,742.006	.....	518,757.451
(b) Refined.....	.....	31,333.832	779,645.105	100,127.262	6.763	.....	911,112.962
	81.951	169,953.430	870,591.040	114,495.223	274,748.769	.....	1,429,870.413
(2) U. S. gold coins received and melted.....	2,585.204	796.447	279.740	.....	.873	.....	3,662.264
(3) Deposits of scrap gold from domestic sources[1]..	59,461.927	17,996.525	48,720.365	84,200.411	3,699.296	.....	214,078.524
(4) Transfers from other Mint institutions.....	.....	330,624.078	.....	18,616.722	.....	.....	349,240.800
(5) Other[2].....	126.837	220.225	271.546	44,933.699	19.869	.....	45,572.176
Total increases.....	62,255.919	519,590.705	919,862.691	262,246.055	278,468.807	.....	2,042,424.177
3. Decreases during the calendar year 1953:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Sold.....	22,768.535	20,045.307	59,243.022	1,470,135.203	.....	.....	1,572,192.067
(b) Exchanged for scrap gold deposits from domestic sources.....	8,249.364	949.282	.....	.....	.....	.....	9,198.646
	31,017.899	20,994.589	59,243.022	1,470,135.203	.....	.....	1,581,390.713
(2) Gold bars exchanged for gold deposits other than domestic scrap.....	.....	.....	.....	22,447.227	.....	.....	22,447.227
(3) Transfers to other Mint institutions.....	18,599.694	.....	.....	50.000	330,574.078	17.028	349,240.800
(4) Other[3].....	310.380	13,042.439	7,324.924	33,142,934.210	.....	.....	33,163,611.953
Total decreases.....	49,927.973	34,037.028	66,567.946	34,635,566.640	330,574.078	17.028	35,116,690.693
4. Gold held at close of calendar year 1953.....	129,092.533	16,653,772.203	167,406,738.822	88,416,893.897	134,017.779	356,668,993.278	629,409,508.512

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweeps, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U. S. Stabilization Fund for the Treasury Department.

TABLE 20.--Gold transactions of the Bureau of the Mint, calendar year 1953, value at $35 per fine ounce

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of calendar year 1953	$4,086,739.49	$565,887,648.42	$5,829,370,543.18	$4,297,657,509.85	$6,514,306.57	$12,483,415,360.28	$23,186,932,107.79
2. Increases during the calendar year 1953:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined	2,868.27	4,851,685.93	3,183,107.65	502,878.62	9,615,969.58	.....	18,156,510.05
(b) Refined	.....	1,096,684.12	27,287,578.72	3,504,454.14	236.70	.....	31,888,953.68
	2,868.27	5,948,370.05	30,470,686.37	4,007,332.76	9,616,206.28	.....	50,045,463.73
(2) U. S. gold coins received and melted	90,482.15	27,875.66	9,790.89	.....	30.55	.....	128,179.25
(3) Deposits of scrap gold from domestic sources[1]	2,081,164.03	629,878.34	1,705,212.89	2,947,006.96	129,475.54	.....	7,492,737.76
(4) Transfers from other Mint institutions	.....	11,571,842.74	.....	651,585.27	.....	.....	12,223,428.01
(5) Other[2]	4,439.28	7,707.90	9,504.13	1,572,679.95	695.42	.....	1,595,026.68
Total increases	2,178,953.73	18,185,674.69	32,195,194.28	9,178,604.94	9,746,407.79	.....	71,484,835.43
3. Decreases during the calendar year 1953:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Sold	796,899.11	701,585.83	2,073,505.77	51,454,731.68	.....	.....	55,026,722.39
(b) Exchanged for scrap gold deposits from domestic sources	288,727.97	33,224.88	.....	.....	.....	.....	321,952.85
	1,085,627.08	734,810.71	2,073,505.77	51,454,731.68	.....	.....	55,348,675.24
(2) Gold bars exchanged for gold deposits other than domestic scrap	.....	.....	.....	785,652.96	.....	.....	785,652.96
(3) Transfers to other Mint institutions	650,989.29	.....	.....	1,750.00	11,570,092.74	595.98	12,223,428.01
(4) Other[3]	10,863.32	456,485.38	256,372.35	1,160,002,697.80	.....	.....	1,160,726,418.85
Total decreases	1,747,479.69	1,191,296.09	2,329,878.12	1,212,244,832.44	11,570,092.74	595.98	1,229,084,175.06
4. Gold held at close of calendar year 1953	4,518,213.53	582,882,027.02	5,859,235,859.34	3,094,591,282.35	4,690,621.62	12,483,414,764.30	22,029,332,768.16

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweeps, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U.S. Stablisation Fund for the Treasury Department.

TABLE 21.--Silver bullion transactions of the Bureau of the Mint, calendar year 1953, in fine ounces (to hundredths of an ounce)[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of calendar year 1953:						
(1) At monetary value	83,758,398.21	584,896,036.84	164,883,962.30	385,947,752.90	.....	1,219,486,150.25
(2) At cost value	55,592,662.06	15,419,436.64	9,147,664.37	1,510,606.14	27,179.26	81,697,548.47
(3) At recoinage value	143,627.31	.....	.....	.....	.....	143,627.31
Total holdings	139,494,687.58	600,315,473.48	174,031,626.67	387,458,359.04	27,179.26	1,301,327,326.03
2. Increases during the calendar year 1953:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	7,474,658.79	23,067,933.72	2,830,945.83	230.46	28,058.10	33,401,826.90
(b) Received as bullion ordinary	.....	4,132.90	8,441.17	1,758.83	10,460.10	24,793.00
	7,474,658.79	23,072,066.62	2,839,387.00	1,989.29	38,518.20	33,426,619.90
(2) Deposits of scrap silver from domestic sources[2]	46,808.46	321,790.89	14,157.03	210,666.72	1,145.48	594,568.58
(3) Recoinage bullion from uncurrent U. S. silver dollars	168,298.03	47,624.71	31,071.15	.....	.....	246,993.89
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	499,240.09	185,376.41	74,959.83	.....	.....	759,576.33
(5) Return of Treasury silver from RFC silver custody account	9,072,842.66	.....	.....	.....	.....	9,072,842.66
(6) Return of Treasury silver by other U. S. Government agencies	.....	.....	.....	88,731,878.43	.....	88,731,878.43
(7) Seigniorage on silver bullion revalued[3]	.....	.....	.....	.....	.....	.....
(8) Transfers from other Mint institutions[4]	36,000,000.00	4,198,939.21	32,367,511.96	582,573.59	.....	73,149,024.76
(9) Other[5]	53,439.73	3,392.78	28,875.06	19,241.92	14.29	104,963.78
Total increases	53,315,287.76	27,829,190.62	35,355,962.03	89,546,349.95	39,677.97	206,086,468.33
3. Decreases during the calendar year 1953:						
(1) Processed into U. S. subsidiary silver coins	8,253,038.42	6,903,446.00	27,575,229.15	.....	.....	42,731,713.57
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	27,859.37	308,300.24	.....	190,995.27	.....	527,154.88
(b) For other silver deposits	.....	.....	.....	16,099.51	.....	16,099.51
	27,859.37	308,300.24	.....	207,094.78	.....	543,254.39
(3) Silver sold for medals, etc.	635.25	.....	.....	.....	.....	635.25
(4) Transfers to other Mint institutions[4]	36,064,038.00	4,151,073.63	32,367,511.96	518,952.99	47,448.18	73,149,024.76
(5) Other[6]	24,471.71	5,242.35	17,379.99	675.20	.....	47,769.25
Total decreases	44,370,042.75	11,368,062.22	59,960,121.10	726,722.97	47,448.18	116,472,397.22

TABLE 21.--Silver bullion transactions of the Bureau of the Mint, calendar year 1953, in fine ounces (to hundredths of an ounce)[1] --Continued

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
4. Silver bullion held at close of calendar year 1953:						
(1) At monetary value	128,831,240.87	604,744,963.21	132,519,413.74	475,198,216.92	.....	1,341,293,834.74
(2) At cost value	19,608,691.72	12,031,638.67	16,908,053.86	1,079,769.10	19,409.05	49,647,562.40
(3) At recoinage value	.....	.....	.....	.....	.....	.....
Total holdings	148,439,932.59	616,776,601.88	149,427,467.60	476,277,986.02	19,409.05	1,390,941,397.14

[1] Does not include silver deposited for foreign coinage orders by foreign governments.
[2] Includes old jewelry, plate, etc.
[3] Seigniorage represents the difference between cost value and monetary value of 24,002,963.40 fine ounces of newly mined domestic silver revalued as security for silver certificates, as follows: Denver, 2,963.40 ounces received under act of July 6, 1939; Philadelphia, 2,000,000 ounces, and San Francisco, 22,000,000 ounces received under act of July 31, 1946. See value table.
[4] Includes physical and book transfers.
[5] Includes mutilated coins, other miscellaneous deposits not classified above, operative recoveries, settlement surplus, etc.
[6] Includes sale of sweeps, operative wastage, etc.

TABLE 22. --Silver bullion transactions of the Bureau of the Mint, calendar year 1953, value[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of calendar year 1953:						
(1) At monetary value	$108,293,686.07	$756,229,218.56	$213,183,304.78	$499,003,152.08	.....	$1,576,709,361.49
(2) At cost value	26,984,283.40	10,581,008.75	6,630,891.72	1,080,571.12	$23,912.26	45,300,667.25
(3) At recoinage value	198,551.65	.....	.....	.....	.....	198,551.65
Total holdings	135,476,521.12	766,810,227.31	219,814,196.50	500,083,723.20	23,912.26	1,622,208,580.39
2. Increases during the calendar year 1953:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	6,764,943.52	20,877,644.95	2,562,148.96	208.58	25,393.81	30,230,339.82
(b) Received as bullion ordinary	.....	3,509.36	7,154.89	1,460.00	8,889.05	21,013.30
	6,764,943.52	20,881,154.31	2,569,303.85	1,668.58	34,282.86	30,251,353.12
(2) Deposits of scrap silver from domestic sources[2]	39,699.63	273,426.02	12,015.26	178,758.31	972.11	504,871.33
(3) Recoinage bullion from uncurrent U. S. silver dollars	217,597.44	61,575.38	41,141.00	.....	.....	320,313.82
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	690,153.89	256,266.00	103,625.14	.....	.....	1,050,045.03
(5) Return of Treasury silver from RFC silver custody account	11,730,544.04	.....	.....	.....	.....	11,730,544.04
(6) Return of Treasury silver by other U.S. Government agencies	.....	.....	.....	114,724,044.77	.....	114,724,044.77
(7) Seigniorage on silver bullion revalued[3]	775,757.58	8,533,333.38	1,724.19	.....	.....	9,310,815.15
(8) Transfers from other Mint institutions[4]	46,157,575.72	2,806,169.76	15,194,410.63	728,403.39	.....	64,886,559.50
(9) Other[5]	44,645.32	2,536.45	15,971.38	16,355.46	12.15	79,520.76
Total increases	66,420,917.14	32,814,461.30	17,938,191.45	115,649,230.51	35,267.12	232,858,067.52
3. Decreases during the calendar year 1953:						
(1) Processed into U. S. subsidiary silver coins	5,842,732.77	3,926,980.29	15,023,099.53	.....	.....	24,792,812.59
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	23,680.43	261,969.34	.....	162,947.16	.....	448,596.93
(b) For other silver deposits	.....	.....	.....	12,808.21	.....	12,808.21
	23,680.43	261,969.34	.....	175,755.37	.....	461,405.14
(3) Silver sold for medals, etc	531.13	.....	.....	.....	.....	531.13
(4) Transfers to other Mint institutions[4]	17,683,923.75	4,979,165.90	41,848,904.32	332,155.31	42,410.22	64,886,559.50
(5) Other[6]	13,132.83	3,742.53	10,474.24	446.59	.....	27,796.19
Total decreases	23,564,000.91	9,171,858.06	56,882,478.09	508,357.27	42,410.22	90,169,104.55

TABLE 22. --Silver bullion transactions of the Bureau of the Mint, calendar year 1953, value[1] --Continued

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
4. Silver bullion held at close of calendar year 1953:						
(1) At monetary value	$166,569,684.62	$781,892,476.84	$171,338,231.93	$614,397,691.35	.....	$1,734,198,084.74
(2) At cost value	11,763,752.73	8,560,353.71	9,531,677.93	826,905.09	$16,769.16	30,699,458.62
(3) At recoinage value	.....	.....	.....	.....	.....	.....
Total holdings	178,333,437.35	790,452,830.55	180,869,909.86	615,224,596.44	16,769.16	1,764,897,543.36

[1] Does not include silver deposited for foreign coinage orders by foreign governments.
[2] Includes old jewelry, plate, etc.
[3] Seigniorage represents the difference between cost value and monetary value of 24,002,963.40 fine ounces of newly mined domestic silver revalued as security for silver certificates, as follows: Denver, 2,963.40 ounces received under act of July 6, 1939; Philadelphia, 2,000,000 ounces, and San Francisco, 22,000,000 ounces received under act of July 31, 1946.
[4] Includes physical and book transfers.
[5] Includes mutilated coins, other miscellaneous deposits not classified above, operative recoveries, settlement surplus, etc.
[6] Includes sale of sweeps, operative wastage, etc.

TABLE 23.--Analysis of monetary assets and liabilities of the Bureau of the Mint on December 31, 1953

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Fort Knox Depository	Total
ASSETS							
Gold bullion	$4,518,213.53	$582,882,027.02	$5,859,235,859.34	$3,094,591,282.35	$4,690,621.62	$12,483,414,764.30	$22,029,332,768.16
Silver bullion	178,333,437.35	790,452,830.55	180,869,909.86	615,224,596.44	16,769.16	.....	1,764,897,543.36
Silver coin	145,140,421.27	15,599,700.55	4,757,305.32	45,985,000.00	.....	.....	211,482,427.14
Minor coin	515,913.95	251,089.54	217,051.90	.....	.....	.....	984,055.39
Unclassified cash	9,071.01	21,222.19	2,321.51	216,434.50	.....	.....	249,049.21
Minor coinage metal	234,832.57	98,380.70	199,210.78	.....	.....	.....	532,424.05
Reimbursable losses on melted coin	799.52	.....	146.10	.....	.....	.....	945.62
Total assets	328,752,689.20	1,389,305,250.55	6,045,281,804.81	3,756,017,313.29	4,707,390.78	12,483,414,764.30	24,007,479,212.93
LIABILITIES							
Bullion fund	328,508,151.09	1,389,191,430.31	6,045,050,241.58	3,756,017,313.29	4,706,847.14	12,483,414,764.30	24,006,888,747.71
Minor coinage metal fund	242,494.81	113,820.24	229,528.78	.....	.....	.....	585,843.83
Unapplied receipts	2,043.30	.....	.....	.....	.....	.....	2,043.30
Due depositors	.....	.....	2,034.45	.....	543.64	.....	2,578.09
Total liabilities	328,752,689.20	1,389,305,250.55	6,045,281,804.81	3,756,017,313.29	4,707,390.78	12,483,414,764.30	24,007,479,212.93

TABLE 24.--Summary of foreign coinage by United States Mints, by country, through Dec. 31, 1953[1]

Country	Number of pieces produced	Country	Number of pieces produced
Argentina	64,058,334	Honduras	36,900,000
Australia	168,000,000	Indochina	135,270,000
Belgian Congo	25,000,000	Liberia	1,312,500
Belgium	25,000,000	Mexico	91,076,840
Bolivia	30,000,000	Netherlands	562,500,000
China	39,720,096	Netherlands East Indies	1,716,368,000
Colombia	133,461,872	Nicaragua	26,080,000
Costa Rica	35,953,803	Panama (Republic)	20,624,880
Cuba	426,559,888	Peru	136,045,669
Curacao	12,000,000	Philippines	897,782,332
Dominican Republic	33,767,803	Poland	6,000,000
Ecuador	214,451,060	Saudi-Arabia	124,712,574
El Salvador	110,695,351	Siam	20,000,000
Ethiopia	270,433,730	Surinam	21,195,000
Fiji	4,800,000	Syria	7,350,000
France	50,000,000	Venezuela	207,262,944
Greenland	100,000		
Guatemala	7,835,000	Total (36 countries)	5,683,767,676
Haiti	19,500,000		
Hawaii[2]	1,950,000		

[1] Foreign coinage by U. S. Mints was authorized by act of Jan. 29, 1874, c. 19, 18 Stat. 6.
[2] Coined prior to annexation to the United States. (United States coins used thereafter).

TABLE 25.--Summary of foreign coinage by United States Mints, by year, through Dec. 31, 1953[1]

Year	Number of pieces produced	Year	Number of pieces produced
1876-77	12,000,000	1925	13,461,000
1883-84	1,950,000	1926	14,987,000
1895	4,500,000	1927	3,650,000
1896	500,000	1928	16,701,000
1897	.....	1929	34,980,000
1898	3,346,714	1930	3,300,120
1899	906,089	1931	4,498,020
1900	320,000	1932	9,756,096
1901	225,000	1933	15,240,000
1902	.....	1934	24,280,000
1903	21,292,844	1935	109,600,850
1904	70,640,489	1936	32,350,000
1905	36,675,526	1937	26,800,000
1906	13,321,394	1938	48,579,644
1907	45,313,047	1939	15,725,000
1908	29,645,359	1940	33,170,000
1909	11,298,981	1941	208,603,500
1910	7,153,818	1942	307,737,000
1911	7,794,406	1943	186,682,000
1912	6,244,348	1944	788,498,000
1913	7,309,258	1945	1,802,376,008
1914	17,335,005	1946	504,528,000
1915	55,485,190	1947	277,376,094
1916	37,441,328	1948	21,950,000
1917	25,208,497	1949	156,687,944
1918	60,102,000	1950	2,000,000
1919	100,269,195	1951	25,450,000
1920	99,002,334	1952	43,857,000
1921	55,094,352	1953	193,673,000
1922	7,863,030		
1923	4,369,000	Total	5,683,767,676
1924	12,663,196		

[1] Foreign coinage by U. S. Mints was authorized by act of Jan. 29, 1874, c. 19, 18 Stat. 6.

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TABLE 26.--Price of silver in New York, bullion value of the silver dollar, and commercial ratio of silver to gold, 1953-54

Effective date	New York market quotation		Bullion value of the silver dollar[1]	Commercial ratio of silver to gold[2]
	Per ounce 0.999 fine	Equivalent price per fine ounce		
1953				
Jan. 1-12[3]	$0.83 1/4	$0.83333	$0.64453	42.00
Jan. 13	.83 3/4	.83834	.64840	41.75
Jan. 14	.84 1/4	.84334	.65227	41.50
Jan. 15	.84 3/4	.84835	.65615	41.26
Jan. 16—Dec. 31	.85 1/4	.85335	.66001	41.01
Highest in 1953	.85 1/4	.85335	.66001	41.01
Lowest in 1953	.83 1/4	.83333	.64453	42.00
Average in 1953	.85188	.85273	.65953	41.04
1954[4]				
Jan.1—June 30	.85 1/4	.85335	.66001	41.01

[1] Based on fine silver content of the standard silver dollar (371.25 grains or 0.7734375 fine ounce) and commercial price of silver per fine ounce.
[2] Based on commercial price of silver per fine ounce and the monetary value of gold ($35 per fine ounce).
[3] Quotation beginning on July 24, 1952.
[4] Quotation $0.84 1/4 throughout government fiscal year 1954 (July 1, 1953—June 30, 1954).

TABLE 27.--Highest, lowest, and average commercial price of silver in the London bullion market, 1952-53

Year and month	London spot price per ounce 0.999 fine[1]			Average monthly pound sterling exchange New York on London[2]	United States equivalent of average monthly London price per ounce 0.999 fine
	Highest	Lowest	Average		
1952	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*
January	77	77	77.0000	2.7815	0.8924
February	77	77	77.0000	2.7812	.8923
March	77	77	77.0000	2.7967	.8973
April	77	77	77.0000	2.8079	.9009
May	77	72 1/2	74.7614	2.8007	.8724
June	72 1/2	72 1/2	72.5000	2.7846	.8412
July	73	72 1/2	72.6087	2.7882	.8435
August	73	73	73.0000	2.7885	.8482
September	73	73	73.0000	2.7827	.8464
October	73	73	73.0000	2.7930	.8495
November	73	72 3/4	72.8688	2.8001	.8502
December	72 3/4	72 1/2	72.5774	2.8059	.8485
Calendar year 1952	77	72 1/2	74.3597	2.7926	.8652
1953					
January	74	72 7/8	73.5179	2.8128	.8616
February	74	74	74.0000	2.8190	.8692
March	74	74	74.0000	2.8156	.8681
April	74	74	74.0000	2.8166	.8685
May	74	74	74.0000	2.8143	.8677
June	74	74	74.0000	2.8135	.8675
July	74	74	74.0000	2.8153	.8681
August	74	74	74.0000	2.8150	.8680
September	74	74	74.0000	2.8028	.8642
October	74	74	74.0000	2.8058	.8651
November	74	74	74.0000	2.8109	.8667
December	74	73 3/4	73.8210	2.8103	.8644
Calendar year 1953	74	72 7/8	73.9449	2.8127	.8666

[1] Bullion quotations in the London market changed from 0.925 fine to 0.999 fine on Jan. 2, 1945.
[2] Averages of certified noon buying rates in New York for cable transfers.

TABLE 28.--Stock of coins in the United States, 1953-54[1]

End of month	Standard silver dollars	Subsidiary silver coins (50¢, 25¢, and 10¢)	Minor coins (5¢ and 1¢)	Total
1953				
January	$491,682,953	$1,167,498,100	$413,383,800	$2,072,564,853
February	491,682,911	1,168,816,900	414,152,100	2,074,651,911
March	491,682,878	1,174,076,500	415,696,500	2,081,455,878
April	491,682,670	1,184,532,600	416,192,300	2,092,407,570
May	491,597,499	1,190,469,800	417,656,200	2,099,723,499
June	491,517,862	1,193,757,500	418,679,900	2,103,955,262
July	491,517,841	1,197,550,900	420,161,000	2,109,229,741
August	491,517,808	1,204,258,700	421,346,700	2,117,123,208
September	491,517,708	1,206,599,000	423,472,100	2,121,588,808
October	491,517,635	1,210,670,800	425,388,400	2,127,576,835
November	491,517,616	1,213,197,800	427,876,300	2,132,591,716
December	491,517,580	1,219,477,700	429,896,100	2,140,891,380
1954				
January	491,402,416	1,223,024,600	431,703,300	2,146,130,316
February	491,402,340	1,236,546,400	431,841,000	2,159,789,740
March	491,373,363	1,257,972,400	432,456,100	2,181,801,863
April	491,185,439	1,270,105,400	434,255,500	2,195,546,339
May	491,020,683	1,275,657,800	434,693,000	2,201,371,483
June	491,020,651	1,275,666,000	434,675,000	2,201,361,651

[1] Estimates of the Bureau of the Mint, reflecting coins manufactured; uncurrent and mutilated coins withdrawn from circulation, returned to the mints, and melted; exports; imports; general disappearance, etc. Includes coins held in the Treasury as well as those outside the Treasury (in banks and in circulation). Further denomination breakdown and breakdown according to number of pieces are not available.

Summary of United States coinage from organization of Mint in 1792 through Dec. 31, 1954, Series I-XX.

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I--United States Mint[1]

Location of mints	Act under which established	Distinguishing mint marks	Period covered in coinage data
Philadelphia, Pa.	Apr. 2, 1792	None, except letter P on copper-silver-manganese 5 cents.	1793-1954.
San Francisco, Calif.	July 3, 1852	S	1854-1954.
Denver, Colo.	Apr. 21, 1862	D	1906-54.
New Orleans, La.	Mar. 3, 1835	O	1838-61. 1879-1909.
Carson City, Nev.	Mar. 3, 1863	CC	1870-93.
Charlotte, N. C.	Mar. 3, 1835	C	1838-61.
Dahlonega, Ga.	do	D	1838-61.

[1] The act of Congress dated April 2, 1792, provided for coinage of gold, silver, and copper, and established the first United States Mint in the city of Philadelphia, then the Nation's Capital. Subsequent legislation set up branch mints and assay offices in various parts of the country. The registry of annual coinage now accurately represents the year of actual date on the coins. During the early years the deliveries from the manufacturing division to the issuing division were not always completed within the year of the date on the coins.

II--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined

GOLD COINAGE[1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1933 (May 19)	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	....do.....	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do.	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916 2/3	57,683,485	576,834,850.00
Do.	June 28, 1834	258	899.225		
Do.	Jan. 18, 1837	258	900		
Do.	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916 2/3	78,911,869	394,559,345.00
Do.	June 28, 1834	129	899.225		
Do.	Jan. 18, 1837	129	900		
Do.	Feb. 12, 1873	129	900		
Quarter eagle ($2.50)[2]	Apr. 2, 1792	67.5	916 2/3	20,216,590	50,541,475.00
Do.[2]	June 28, 1834	64.5	899.225		
Do.[2]	Jan. 18, 1837	64.5	900		
Do.[2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars[3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar[3]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold	.....	.....	.....	351,545,358	4,526,218,477.50

[1] Sec. 5 of the Gold Reserve Act of Jan. 30, 1934 provides in part as follows:
"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[2] Discontinued by act of Apr. 11, 1930.

[3] Discontinued by act of Sept. 26, 1890.

II.--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined--Continued.

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1954	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1] [2]	Apr. 2, 1792	416	892.4+		
Do. [1] [2]	Jan. 18, 1837	412 1/2	900		
Do. [2]	Feb. 28, 1878	412 1/2	900		
Do. [2]	July 14, 1890	412 1/2	900	855,611,127	[2] $855,611,127.00
Do. [2]	Mar. 3, 1891	412 1/2	900		
Do. [2]	Apr. 23, 1918	412 1/2	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412 1/2	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4+		
Do	Jan. 18, 1837	206 1/4	900	1,067,453,013	533,726,506.50
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	....do.....	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	....do.....	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	50,026.50
Great Lakes Exposition--Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	....do.....	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	....do.....	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	....do.....	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill. Centennial	....do.....	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	....do.....	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	....do.....	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00

II.--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined--Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1954	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Continued					
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	$12,506.50
Iowa Centennial	Aug. 7, 1946	192.9	900	100,057	50,028.50
Booker T. Washington	....do.....	192.9	900	3,167,205	1,583,602.50
Booker T. Washington—George Washington Carver	Sept. 21, 1951 amending act of Aug 7, 1946	192.9	900	2,422,392	1,211,196.00
Quarter dollar	Apr. 2, 1792	104	892.4+	2,185,865,505	546,466,376.25
Do	Jan. 18, 1837	103 1/8	900		
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative:					
Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents[7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4+	5,269,079,043	526,907,904.30
Do	Jan. 18, 1837	41 1/4	900		
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime[10]	Apr. 2,1792	20.8	892.4+	97,604,388	4,880,219.40
Do.[10]	Jan. 18, 1837	20 5/8	900		
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents[10]	Mar. 3, 1851	12 3/8	750	42,736,240	1,282,087.20
Do.[10]	Mar. 3, 1853	11.52	900		
Total silver	.....	.....	.....	9,573,334,305	2,513,958,184.40

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar 1837 discontinued by act of Feb. 12, 1873.

[2] Silver-dollar coinage:

Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$ 1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6,590,721
Act Feb. 28, 1878 (Bland-Allison Act)		378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	$36,087,285	
Act Nov. 1, 1893, to June 12, 1898	42,139,872	
Act June 13, 1898, war revenue bill	108,800,188	
		187,027,345
Act May. 3, 1887 and 1891, trade-dollar conversion		5,078,472
Act Apr. 23, 1918, Pittman Act replacement (represents equivalent number of dollars converted into bullion—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin):		
Old design, since Feb. 21, 1921	$86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
Act May 12, 1933 (sec. 43), Executive proclamation, Dec. 21, 1933		7,021,528
Act June 19, 1934 (sec. 7), Executive proclamation, Aug. 9, 1934		53,029
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12 1/2 grams, or 192.9 grains.

[6] 6 1/4 grams, or 96.45 grains.

[7] Discontinued by act of May 2, 1878.

[8] 5 grams, or 77.16 grains.

[9] 2 1/2 grams, or 38.58 grains.

[10] Discontintued by act of Feb. 12, 1873.

II.--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined--Continued

MINOR COINAGE

(Minor coinage was confined by law to the mint at Philadelphia until the act of April 24, 1906. Minor coins were first manufactured at the mint at Philadelphia in 1793, at San Francisco in 1908, and at Denver in 1911)

Denomination	Authorizing act	Standard weight	Standard composition [1]	Total coined to Dec. 31, 1954	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16	.....	3,861,117,638	$193,055,881.90
Do	Feb. 12, 1873				
5 cents (silver)	[2]	77.16	.....	869,923,700	43,496,185.00
3 cents (nickel)[3]	Mar. 3, 1865	30	.....	31,378,316	941,349.48
Do[3]	Feb. 12, 1873				
2 cents (bronze)[4]	Apr. 22, 1864	96	.....	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264	.....		
Do	Jan. 14, 1793	208	.....	156,288,744	1,562,887.44
Do	[5] Jan. 26, 1796	186	.....		
Do[6]	Jan. 18, 1837	168	.....		
Cent (nickel)[7]	Feb. 21, 1857	72	.....	200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48	.....	16,427,837,618	164,278,376.18
Do	Feb. 12, 1873				
Cent (zinc-steel)	[8]	41.5	.....	1,093,838,670	10,938,386.70
Do	[8]	42.5	.....		
Cent (copper-zinc)	[9]	48	.....	5,102,736,000	51,027,360.00
Half cent (copper)	Apr. 2, 1792	132	.....		
Do	Jan. 14, 1793	104	.....	7,981,822	39,909.11
Do	[5] Jan. 25, 1796	84	.....		
Do[6]	Jan. 18, 1837	84	.....		
Total minor	.....	.....	.....	27,797,475,508	468,260,075.81
Grand total gold, silver, and minor	.....	.....	.....	37,722,355,171	7,508,436,737.71

[1] Composition--percent:
5 and 3 cents (nickel)--copper, 75; nickel, 25.
5 cents (silver)--copper, 56; silver, 35; manganese, 9.
2 and 1 cent (bronze)--copper, 95; tin and zinc, 5.
1 and 1/2 cent (copper)--pure copper.
1 cent (nickel)--copper, 88; nickel, 12.
1 cent (zinc-steel)--steel, with obverse and reverse sides covered with a coating of not to exceed 0.001 inch zinc.
1 cent (copper-zinc)--copper 95; zinc 5.

[2] 5 cents (silver) coined, under provisions of act of Mar. 27, 1942, as amended by act of Dec. 28, 1945 from Oct 1, 1942, until expiration of authority Dec. 31, 1945.

[3] 3-cents (nickel) discontinued by act of Sept. 26, 1890.

[4] 2-cents (bronze) discontinued by act of Feb. 12, 1873.

[5] Proclamation of the President in conformity with act of Mar. 3, 1795.

[6] Copper cent and half cent discontinued by act of Feb. 21, 1857.

[7] Nickel cent discontinued by act of Apr. 22, 1864.

[8] Zinc-steel cent coined, by orders of Secretary of the Treasury dated Dec. 23, 1942, and May 15, 1943, pursuant to act of Dec. 18, 1942, during calendar year 1943.

[9] Copper-zinc cent coined, by order of Secretary of the Treasury of Dec. 16, 1943, pursuant to act of Dec. 18, 1942, from Jan. 1944 until expiration of authority Dec. 31, 1946.

III--United States coinage by Mint, class, denomination, and number of pieces, from organization through Dec. 31, 1954

Class and denomination	Philadelphia 1793-1954	San Francisco 1854-1954	Denver 1906-54	New Orleans 1838-61, 1879-1909	Carson City 1870-93	Charlotte 1838-61	Dahlonega 1838-61	Total 1793-1954
Gold:								
50 dollars	.....	3,019	.....	.....	.....	.....	.....	3,019
Double eagles	71,180,127	88,134,526	13,108,000	818,775	864,178	.....	.....	174,105,606
Eagles	34,554,932	14,558,406	5,909,280	2,361,089	299,778	.....	.....	57,683,485
Half eagles	41,969,621	28,028,008	5,292,660	923,725	709,617	881,027	1,107,211	78,911,869
3 dollars	452,572	62,100	.....	24,000	.....	.....	1,120	539,792
Quarter eagles	16,965,555	754,519	1,081,680	1,209,263	.....	217,966	197,850	20,426,833
Dollars	18,573,821	115,266	.....	1,004,000	.....	109,138	72,529	19,874,754
Total gold	183,696,628	131,655,844	25,391,620	6,340,852	1,873,573	1,208,131	1,378,710	351,545,358
Silver:								
Dollars	423,758,122	183,504,073	47,406,100	187,111,529	13,881,329	.....	.....	855,661,153
Trade dollars	5,107,524	26,647,000	.....	.....	4,211,400	.....	.....	35,965,924
Half dollars	586,955,339	211,637,554	200,890,833	80,234,676	5,308,627	.....	.....	1,085,027,029
Quarter dollars	1,404,152,772	282,500,664	428,592,300	60,343,000	10,316,792	.....	.....	2,185,905,528
20 cents	56,710	1,155,000	.....	.....	143,290	.....	.....	1,355,000
Dimes	3,191,236,040	802,894,689	1,185,967,300	68,079,906	20,901,108	.....	.....	5,269,079,043
Half dimes	78,975,838	2,382,000	.....	16,246,550	.....	.....	.....	97,604,388
3 cents	42,016,240	.....	.....	720,000	.....	.....	.....	42,736,240
Total silver	5,732,258,585	1,510,720,980	1,862,856,333	412,735,661	54,762,546	.....	.....	9,573,334,305
Minor:								
5 cents	3,381,496,748	566,301,900	783,242,690	.....	.....	.....	.....	4,731,041,338
3 cents	31,378,316	.....	.....	.....	.....	.....	.....	31,378,316
2 cents	45,601,000	.....	.....	.....	.....	.....	.....	45,601,000
1 cent	14,752,145,528	2,712,555,004	5,516,772,500	.....	.....	.....	.....	22,981,473,032
Half cent	7,981,822	.....	.....	.....	.....	.....	.....	7,981,822
Total minor	18,218,603,414	3,278,856,904	6,300,015,190	.....	.....	.....	.....	27,797,475,508
Total coinage	24,134,558,627	4,921,233,728	8,188,263,343	419,076,513	56,636,119	1,208,131	1,378,710	37,722,355,171

IV. --Summary of United States coinage by Mint, class, denomination, and face value, from organization through Dec. 31, 1954

Class and denomination	Philadelphia	San Francisco	Denver	New Orleans	Carson City	Charlotte	Dahlonega	Total
Gold:								
50 dollars	.....	$150,950.00	.....	.....	.....	.....	.....	$150,950.00
Double eagles	$1,423,602,540.00	1,762,690,520.00	$262,160,000.00	$16,375,500.00	$17,283,560.00	.....	.....	3,482,112,120.00
Eagles	345,549,320.00	145,584,060.00	59,092,800.00	23,610,890.00	2,997,780.00	.....	.....	576,834,850.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00	4,618,625.00	3,548,085.00	$4,405,135.00	$5,536,055.00	394,559,345.00
3 dollars	1,357,716.00	186,300.00	.....	72,000.00	.....	.....	3,360.00	1,619,376.00
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00	3,023,157.50	.....	544,915.00	494,625.00	51,067,082.50
Dollars	18,573,821.00	115,266.00	.....	1,004,000.00	.....	109,138.00	72,529.00	19,874,754.00
Total gold	2,041,345,389.50	2,050,753,433.50	350,420,300.00	48,704,172.50	23,829,425.00	5,059,188.00	6,106,569.00	4,526,218,477.50
Silver:								
Dollars	423,758,122.00	183,504,073.00	47,406,100.00	187,111,529.00	13,881,329.00	.....	.....	855,661,153.00
Trade dollars	5,107,524.00	26,647,000.00	.....	.....	4,211,400.00	.....	.....	35,965,924.00
Half dollars	293,477,669.50	105,818,777.00	100,445,416.50	40,117,338.00	2,654,313.50	.....	.....	542,513,514.50
Quarter dollars	351,038,193.00	70,625,166.00	107,148,075.00	15,085,750.00	2,579,198.00	.....	.....	546,476,382.00
20 cents	11,342.00	231,000.00	.....	.....	28,658.00	.....	.....	271,000.00
Dimes	319,123,604.00	80,289,468.90	118,596,730.00	6,807,990.60	2,090,110.80	.....	.....	526,907,904.30
Half dimes	3,948,791.90	119,100.00	.....	812,327.50	.....	.....	.....	4,880,219.40
3 cents	1,260,487.20	.....	.....	21,600.00	.....	.....	.....	1,282,087.20
Total silver	1,397,725,733.60	467,234,584.90	373,596,321.50	249,956,535.10	25,445,009.30	.....	.....	2,513,958,184.40
Minor:								
5 cents	169,074,837.40	28,315,095.00	39,162,134.50	.....	.....	.....	.....	236,552,066.90
3 cents	941,349.48	.....	.....	.....	.....	.....	.....	941,349.48
2 cents	912,020.00	.....	.....	.....	.....	.....	.....	912,020.00
1 cent	147,521,455.28	27,125,550.04	55,167,725.00	.....	.....	.....	.....	229,814,730.32
Half cent	39,909.11	.....	.....	.....	.....	.....	.....	39,909.11
Total minor	318,489,571.27	55,440,645.04	94,329,859.50	.....	.....	.....	.....	468,260,075.81
Total coinage	3,757,560,694.37	2,573,428,663.44	818,346,481.00	298,660,707.60	49,274,434.30	5,059,188.00	6,106,569.00	7,508,436,737.71

V.--Total coinage of the United States, by class and calendar year

Calendar year	Gold	Silver	Minor	Total value
1793-95	$71,485.00	$370,683.80	$11,373.00	$453,541.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00	.....	20,483.00
1816	.....	28,575.75	28,209.82	56,785.57
1817	.....	607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00	.....	967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1874	$35,254,630.00	$6,851,776.70	$342,475.00	$42,448,881.70
1875	32,951,940.00	15,347,893.00	246,970.00	48,546,803.00
1876	46,579,452.50	24,503,307.50	210,800.00	71,293,560.00
1877	43,999,864.00	28,393,045.50	8,525.00	72,401,434.50
1878	49,786,052.00	28,518,850.00	58,186.50	78,363,088.50
1879	39,080,080.00	27,569,776.00	165,003.00	66,814,859.00
1880	62,308,279.00	27,411,693.75	391,395.95	90,111,368.70
1881	96,850,890.00	27,940,163.75	428,151.75	125,219,205.50
1882	65,887,685.00	27,973,132.00	960,400.00	94,821,217.00
1883	29,241,990.00	29,246,968.45	1,604,770.41	60,093,728.86
1884	23,991,756.50	28,534,866.15	796,483.78	53,323,106.43
1885	27,773,012.50	28,962,176.20	191,622.04	56,926,810.74
1886	28,945,542.00	32,086,709.90	343,186.10	61,375,438.00
1887	23,972,383.00	35,191,081.40	1,215,686.26	60,379,150.66
1888	31,380,808.00	33,025,606.45	912,200.78	65,318,615.23
1889	21,413,931.00	35,496,683.15	1,283,408.49	58,194,022.64
1890	20,467,182.50	39,202,908.20	1,384,792.14	61,054,882.84
1891	29,222,005.00	27,518,856.60	1,312,441.00	58,053,302.60
1892	34,787,222.50	12,641,078.00	961,480.42	48,389,780.92
1893	56,997,020.00	8,802,803.05	1,134,931.70	66,934,754.75
1894	79,546,160.00	9,200,350.85	438,177.92	89,184,688.77
1895	59,616,357.50	5,698,010.25	882,430.56	66,196,798.31
1896	47,053,060.00	23,089,899.05	832,718.93	70,975,677.98
1897	76,028,485.00	18,487,297.30	1,526,100.05	96,041,882.35
1898	77,985,757.50	23,034,033.45	1,124,835.14	102,144,626.09
1899	111,344,220.00	26,061,519.90	1,837,451.86	139,243,191.76
1900	99,272,942.50	36,345,347.45	2,031,137.39	137,649,427.34
1901	101,735,187.50	30,838,460.75	2,120,122.08	134,693,770.33
1902	47,184,932.50	30,028,167.20	2,447,796.17	79,660,895.87
1903	43,683,970.50	19,874,440.00	2,251,281.18	65,809,691.68
1904	233,402,428.00	15,695,609.95	1,683,529.35	250,781,567.30
1905	49,638,441.00	6,332,180.90	2,298,555.43	58,269,177.33
1906	78,793,045.00	10,651,027.85	2,890,908.80	92,334,981.65
1907	131,907,490.00	13,178,435.75	3,042,126.18	148,128,051.93
1908	131,638,632.50	12,391,777.25	1,468,738.72	145,499,148.47
1909	88,776,907.50	8,087,852.50	1,756,388.93	98,621,148.93
1910	104,723,735.00	3,744,468.35	3,036,929.83	111,505,133.18
1911	56,176,822.50	6,457,301.55	3,156,726.47	65,790,850.52
1912	17,498,522.50	7,340,995.00	2,577,386.30	27,416,903.80
1913	25,433,377.50	3,184,228.95	4,667,335.47	33,284,941.92
1914	53,457,817.50	6,083,823.00	2,208,071.22	61,749,711.72
1915	23,968,401.50	4,114,097.50	2,062,839.70	30,145,338.70
1916	18,525,026.00	8,880,800.00	6,337,550.07	33,743,376.07
1917	10,014.00	29,412,300.00	6,118,089.30	35,540,403.30
1918	.....	25,473,029.00	5,972,662.04	31,445,691.04
1919	.....	11,068,400.00	9,709,100.00	20,777,500.00
1920	16,990,000.00	25,057,270.00	8,166,650.00	50,213,920.00
1921	10,570,000.00	89,057,535.50	1,155,310.00	100,782,845.50
1922	80,680,016.00	84,325,030.50	71,600.00	165,076,646.50

V.--Total coinage of the United States, by class and calendar year--Continued

Calendar year	Gold	Silver	Minor	Total value
1844.....	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845.....	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846.....	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847.....	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848.....	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849.....	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850.....	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851.....	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852.....	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853.....	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854.....	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855.....	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856.....	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857.....	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858.....	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859.....	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860.....	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861.....	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862.....	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863.....	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864.....	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865.....	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866.....	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867.....	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868.....	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869.....	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870.....	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871.....	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872.....	21,812,645.00	2,304,488.50	369,380.00	24,686,513.50
1873.....	97,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793-1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Calendar year	Gold	Silver	Minor	Total value
1923.....	45,365,000.00	66,283,038.50	2,927,080.00	114,575,118.50
1924.....	206,010,000.00	21,627,040.00	2,309,690.00	229,946,730.00
1925.....	192,380,000.00	19,874,218.00	4,202,645.00	216,456,863.00
1926.....	78,540,565.00	19,825,806.50	4,461,630.00	102,828,001.50
1927.....	125,645,000.00	11,286,217.00	4,215,910.00	141,147,127.00
1928.....	177,360,000.00	8,748,667.00	3,664,670.00	189,773,337.00
1929.....	40,235,000.00	8,590,500.00	5,399,900.00	54,225,400.00
1930.....	2,440,000.00	2,658,300.00	3,632,210.00	8,730,510.00
1931.....	60,895,000.00	621,000.00	307,420.00	61,823,420.00
1932.....	66,665,000.00	1,562,200.00	195,620.00	68,422,820.00
1933.....	12,035,000.00	895,625.00	205,600.00	13,136,225.00
1934.....	.....	22,091,840.50	3,859,910.15	25,951,750.65
1935.....	.....	31,237,223.50	7,343,700.00	38,580,923.50
1936.....	.....	34,656,954.75	11,731,146.69	46,388,101.44
1937.....	.....	22,035,561.60	9,088,431.65	31,123,993.25
1938.....	.....	8,998,493.05	3,719,685.59	12,718,178.64
1939.....	.....	27,913,497.85	10,375,671.95	38,289,169.80
1940.....	.....	29,359,833.70	20,798,016.62	50,157,850.32
1941.....	.....	76,120,483.45	26,089,027.00	102,209,510.45
1942.....	.....	102,054,773.65	17,229,026.00	119,283,799.65
1943.....	.....	105,772,800.00	30,464,336.70	136,237,136.70
1944.....	.....	90,781,100.00	30,142,330.00	120,923,430.00
1945.....	.....	75,871,300.25	25,260,785.00	101,132,085.25
1946.....	.....	60,994,597.30	26,052,860.00	87,047,457.30
1947.....	.....	35,323,425.50	12,720,150.00	48,043,575.50
1948.....	.....	36,859,514.50	12,988,525.00	49,848,039.50
1949.....	.....	18,650,806.00	9,695,275.00	28,346,081.00
1950.....	.....	34,005,833.00	7,885,284.66	41,891,117.66
1951.....	.....	61,434,219.70	13,302,260.00	74,736,479.70
1952.....	.....	79,264,414.05	16,471,868.84	95,736,282.89
1953.....	.....	59,106,195.00	17,685,453.00	76,791,648.00
1954.....	.....	73,549,741.05	13,918,054.00	87,467,795.05
Total, 1874-1954	3,674,104,040.00	2,366,468,286.10	456,169,632.26	6,496,741,958.36
Grand total	4,526,218,477.50	2,513,958,184.40	468,260,075.81	7,508,436,737.71

VI--Annual gold coinage of the United States

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Total
1793-95	.....	.....	$27,950	$43,535	.....	.....	.....	$71,485.00
1796	.....	.....	60,800	16,995	.....	$165.00	.....	77,960.00
1797	.....	.....	91,770	32,030	.....	4,390.00	.....	128,190.00
1798	.....	.....	79,740	124,335	.....	1,535.00	.....	205,610.00
1799	.....	.....	174,830	37,255	.....	1,200.00	.....	213,285.00
1800	.....	.....	259,650	58,110	.....	.....	.....	317,760.00
1801	.....	.....	292,540	130,030	.....	.....	.....	422,570.00
1802	.....	.....	150,900	265,880	.....	6,530.00	.....	423,310.00
1803	.....	.....	89,790	167,530	.....	1,057.50	.....	258,377.50
1804	.....	.....	97,950	152,375	.....	8,317.50	.....	258,642.50
1805	.....	.....	.....	165,915	.....	4,452.50	.....	170,367.50
1806	.....	.....	.....	320,465	.....	4,040.00	.....	324,505.00
1807	.....	.....	.....	420,465	.....	17,030.00	.....	437,495.00
1808	.....	.....	.....	277,890	.....	6,775.00	.....	284,665.00
1809	.....	.....	.....	169,375	.....	.....	.....	169,375.00
1810	.....	.....	.....	501,435	.....	.....	.....	501,435.00
1811	.....	.....	.....	497,905	.....	.....	.....	497,905.00
1812	.....	.....	.....	290,435	.....	.....	.....	290,435.00
1813	.....	.....	.....	477,140	.....	.....	.....	477,140.00
1814	.....	.....	.....	77,270	.....	.....	.....	77,270.00
1815	.....	.....	.....	3,175	.....	.....	.....	3,175.00
1816	.....	.....	.....	.....	.....	.....	.....	.....
1817	.....	.....	.....	.....	.....	.....	.....	.....
1818	.....	.....	.....	242,940	.....	.....	.....	242,940.00
1819	.....	.....	.....	258,615	.....	.....	.....	258,615.00
1820	.....	.....	.....	1,319,030	.....	.....	.....	1,319,030.00
1821	.....	.....	.....	173,205	.....	16,120.00	.....	189,325.00
1822	.....	.....	.....	88,980	.....	.....	.....	88,980.00
1823	.....	.....	.....	72,425	.....	.....	.....	72,425.00
1824	.....	.....	.....	86,700	.....	6,500.00	.....	93,200.00
1825	.....	.....	.....	145,300	.....	11,085.00	.....	156,385.00
1826	.....	.....	.....	90,345	.....	1,900.00	.....	92,245.00
1827	.....	.....	.....	124,565	.....	7,000.00	.....	131,565.00
1828	.....	.....	.....	140,145	.....	.....	.....	140,145.00
1829	.....	.....	.....	287,210	.....	8,507.50	.....	295,717.50
1830	.....	.....	.....	631,755	.....	11,350.00	.....	643,105.00
1831	.....	.....	.....	702,970	.....	11,300.00	.....	714,270.00
1832	.....	.....	.....	787,435	.....	11,000.00	.....	798,435.00
1833	.....	.....	.....	968,150	.....	10,400.00	.....	978,550.00
1834	.....	.....	.....	3,660,845	.....	293,425.00	.....	3,954,270.00
1835	.....	.....	.....	1,857,670	.....	328,505.00	.....	2,186,175.00
1836	.....	.....	.....	2,765,735	.....	1,369,965.00	.....	4,135,700.00
1837	.....	.....	.....	1,035,605	.....	112,700.00	.....	1,148,305.00
1838	.....	.....	72,000	1,600,420	.....	137,345.00	.....	1,809,765.00
1839	.....	.....	382,480	802,745	.....	191,622.50	.....	1,376,847.50
1840	.....	.....	473,380	1,048,530	.....	153,572.50	.....	1,675,482.50
1841	.....	.....	656,310	380,945	.....	54,602.50	.....	1,091,857.50
1842	.....	.....	1,089,070	655,330	.....	85,007.50	.....	1,829,407.50
1843	.....	.....	2,506,240	4,275,425	.....	1,327,132.50	.....	8,108,797.50

VI.--Annual gold coinage of the United States--Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Total
1844	.....	.....	$1,250,610	$4,087,715	.....	$89,345.00	.....	$5,427,670.00
1845	.....	.....	736,530	2,743,640	.....	276,277.50	.....	3,756,447.50
1846	.....	.....	1,018,750	2,736,155	.....	279,272.50	.....	4,034,177.50
1847	.....	.....	14,337,580	5,382,685	.....	482,060.00	.....	20,202,325.00
1848	.....	.....	1,813,340	1,863,560	.....	98,612.50	.....	3,775,512.50
1849	.....	.....	6,775,180	1,184,645	.....	111,147.50	$936,789	9,007,761.50
1850	.....	$26,225,220	3,489,510	860,160	.....	895,547.50	511,301	31,981,738.50
1851	.....	48,043,100	4,393,280	2,651,955	.....	3,867,337.50	3,658,820	62,614,492.50
1852	.....	44,860,520	2,811,060	3,689,635	.....	3,283,827.50	2,201,145	56,846,187.50
1853	.....	26,646,520	2,522,530	2,305,095	.....	3,519,615.00	4,384,149	39,377,909.00
1854	.....	18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016	25,915,962.50
1855	.....	25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883	29,387,968.00
1856	.....	30,437,560	1,429,900	1,806,665	181,580	1,213,117.50	1,788,996	36,857,768.50
1857	.....	28,797,500	481,060	1,232,970	104,673	796,235.00	801,602	32,214,040.00
1858	.....	21,873,480	343,210	439,770	6,399	144,082.50	131,472	22,938,413.50
1859	.....	13,782,840	253,930	361,235	46,914	142,220.00	193,431	14,780,570.00
1860	.....	22,584,400	278,830	352,365	42,465	164,360.00	51,234	23,473,654.00
1861	.....	74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499	83,395,530.00
1862	.....	18,926,120	234,950	69,825	17,355	300,882.50	1,326,865	20,875,997.50
1863	.....	22,187,200	112,480	97,360	15,117	27,075.00	6,250	22,445,482.00
1864	.....	19,958,900	60,800	40,540	8,040	7,185.00	5,950	20,081,415.00
1865	.....	27,874,000	207,050	144,535	3,495	62,302.50	3,725	28,295,107.50
1866	.....	30,820,500	237,800	253,200	12,090	105,175.00	7,180	31,435,945.00
1867	.....	23,436,300	121,400	179,600	7,950	78,125.00	5,250	23,828,625.00
1868	.....	18,722,000	241,550	288,625	14,625	94,062.50	10,525	19,371,387.50
1869	.....	17,238,100	82,850	163,925	7,575	84,612.50	5,925	17,582,987.50
1870	.....	22,819,480	164,430	143,550	10,605	51,387.50	9,335	23,198,787.50
1871	.....	20,456,740	254,650	245,000	3,990	68,375.00	3,930	21,032,685.00
1872	.....	21,230,600	244,500	275,350	6,090	52,575.00	3,530	21,812,645.00
1873	.....	55,456,700	173,680	754,605	75	512,562.50	125,125	57,022,747.50
Total: 1793-1873	.....	680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927	852,114,437.50
1874	.....	33,917,700	799,270	203,530	125,460	9,850.00	198,820	35,254,630.00
1875	.....	32,737,820	78,350	105,240	60	30,050.00	420	32,951,940.00
1876	.....	46,386,920	104,280	61,820	135	23,052.50	3,245	46,579,452.50
1877	.....	43,504,700	211,490	182,660	4,464	92,630.00	3,920	43,999,864.00
1878	.....	45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020	49,786,052.00
1879	.....	28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030	39,080,080.00
1880	.....	17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636	62,308,279.00
1881	.....	14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660	96,850,890.00
1882	.....	23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040	65,887,685.00
1883	.....	24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840	29,241,990.00
1884	.....	19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206	23,991,756.50
1885	.....	13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205	27,773,012.50
1886	.....	22,120	10,621,600	18,282,160	3,426	10,220.00	6,016	28,945,542.00
1887	.....	5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543	23,972,383.00
1888	.....	21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080	31,380,808.00
1389	.....	16,995,120	4,298,850	37,825	7,287	44,120.00	30,729	21,413,931.00

1890	.....	19,399,080	755,430	290,640	.....	22,032.50	.....	20,467,182.50
1891	.....	25,891,340	1,956,000	1,347,065	.....	27,600.00	.....	29,222,005.00
1892	.....	19,238,760	9,817,400	5,724,700	.....	6,362.50	.....	34,787,222.50
1893	.....	27,178,320	20,132,450	9,610,985	.....	75,265.00	.....	56,997,020.00
1894	.....	48,350,800	26,032,780	5,152,275	.....	10,305.00	.....	79,546,160.00
1895	.....	45,163,120	7,148,260	7,289,680	.....	15,297.50	.....	59,616,357.50
1896	.....	43,931,760	2,000,980	1,072,315	.....	48,005.00	.....	47,053,060.00
1897	.....	57,070,220	12,774,090	6,109,415	.....	74,760.00	.....	76,028,485.00
1898	.....	54,912,900	12,857,970	10,154,475	.....	60,412.50	.....	77,985,757.50
1899	.....	73,393,680	21,403,520	16,278,645	.....	68,375.00	.....	111,344,220.00
1900	.....	86,681,680	3,749,600	8,673,650	.....	168,012.50	.....	99,272,942.50
1901	.....	34,150,520	46,036,160	21,320,200	.....	228,307.50	.....	101,735,187.50
1902	.....	35,697,580	5,520,130	5,557,810	.....	334,332.50	$75,080	47,184,932.50
1903	.....	24,828,560	7,766,970	10,410,120	.....	503,142.50	175,178	43,683,970.50
1904	.....	227,819,440	2,709,880	2,445,680	.....	402,400.00	25,028	233,402,428.00
1905	.....	37,440,220	5,703,280	5,915,040	.....	544,860.00	35,041	49,638,441.00
1906	.....	55,113,800	16,903,920	6,334,100	.....	441,225.00	.....	78,793,045.00
1907	.....	96,656,620	26,838,790	7,570,960	.....	841,120.00	.....	131,907,490.00
1908	.....	109,263,200	14,813,360	6,149,430	.....	1,412,642.50	.....	131,638,632.50
1909	.....	59,774,140	5,987,530	21,910,490	.....	1,104,747.50	.....	88,776,907.50
1910	.....	60,788,340	34,863,440	7,840,250	.....	1,231,705.00	.....	104,723,735.00
1911	.....	36,392,000	5,866,950	12,018,195	.....	1,899,677.50	.....	56,176,822.50
1912	.....	2,996,480	7,050,830	5,910,720	.....	1,540,492.50	.....	17,498,522.50
1913	.....	11,926,760	5,080,710	6,620,495	.....	1,805,412.50	.....	25,433,377.50
1914	.....	40,926,400	7,025,500	3,785,625	.....	1,720,292.50	.....	53,457,817.50
1915	$150,950	14,391,000	4,100,750	3,760,375	.....	1,540,292.50	25,034	23,968,401.50
1916	.....	15,920,000	1,385,000	1,200,000	.....	.....	20,026	18,525,026.00
1917	.....	.....	.....	.....	.....	.....	10,014	10,014.00
1918	.....	.....	.....	.....	.....	.....	.....	.....
1919	.....	.....	.....	.....	.....	.....	.....	.....
1920	.....	15,725,000	1,265,000	.....	.....	.....	.....	16,990,000.00
1921	.....	10,570,000	.....	.....	.....	.....	.....	10,570,000.00
1922	.....	80,670,000	.....	.....	.....	.....	10,016	80,680,016.00
1923	.....	45,365,000	.....	.....	.....	.....	.....	45,365,000.00
1924	.....	206,010,000	.....	.....	.....	.....	.....	206,010,000.00
1925	.....	190,935,000	.....	.....	.....	1,445,000.00	.....	192,380,000.00
1926	.....	66,785,000	10,140,000	.....	.....	1,615,565.00	.....	78,540,565.00
1927	.....	124,675,000	.....	.....	.....	970,000.00	.....	125,645,000.00
1928	.....	176,320,000	.....	.....	.....	1,040,000.00	.....	177,360,000.00
1929	.....	35,595,000	.....	3,310,000	.....	1,330,000.00	.....	40,235,000.00
1930	.....	1,480,000	960,000	.....	.....	.....	.....	2,440,000.00
1931	.....	60,895,000	.....	.....	.....	.....	.....	60,895,000.00
1932	.....	22,035,000	44,630,000	.....	.....	.....	.....	66,665,000.00
1933	.....	8,910,000	3,125,000	.....	.....	.....	.....	12,035,000.00
Total: 1874–1933	150,950	2,801,646,120	521,177,910	325,669,960	$449,493	24,316,780.00	692,827	3,674,104,040.00
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	19,874,754	4,526,218,477.50

VII. --Annual silver coinage of the United States

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents	Total
1793-95	.....	$204,791	$161,572.00	.....	.....	.....	$4,320.80	.....	$370,683.80
1796	.....	72,920	.....	$1,473.50	.....	$2,213.50	511.50	.....	77,118.50
1797	.....	7,776	1,959.00	63.00	.....	2,526.10	2,226.35	.....	14,550.45
1798	.....	327,536	.....	.....	.....	2,755.00	.....	.....	330,291.00
1799	.....	423,515	.....	.....	.....	.....	.....	.....	423,515.00
1800	.....	220,920	.....	.....	.....	2,176.00	1,200.00	.....	224,296.00
1801	.....	54,454	15,144.50	.....	.....	3,464.00	1,695.50	.....	74,758.00
1802	.....	41,650	14,945.00	.....	.....	1,097.50	650.50	.....	58,343.00
1803	.....	66,064	15,857.50	.....	.....	3,304.00	1,892.50	.....	87,118.00
1804	.....	19,570	78,259.50	1,684.50	.....	826.50	.....	.....	100,340.50
1805	.....	321	105,861.00	30,348.50	.....	12,078.00	780.00	.....	149,388.50
1806	.....	.....	419,788.00	51,531.00	.....	.....	.....	.....	471,319.00
1807	.....	.....	525,788.00	55,160.75	.....	16,500.00	.....	.....	597,448.75
1808	.....	.....	684,300.00	.....	.....	.....	.....	.....	684,300.00
1809	.....	.....	702,905.00	.....	.....	4,471.00	.....	.....	707,376.00
1810	.....	.....	638,138.00	.....	.....	635.50	.....	.....	638,773.50
1811	.....	.....	601,822.00	.....	.....	6,518.00	.....	.....	608,340.00
1812	.....	.....	814,029.50	.....	.....	.....	.....	.....	814,029.50
1813	.....	.....	620,951.50	.....	.....	.....	.....	.....	620,951.50
1814	.....	.....	519,537.50	.....	.....	42,150.00	.....	.....	561,687.50
1815	.....	.....	.....	17,308.00	.....	.....	.....	.....	17,308.00
1816	.....	.....	23,575.00	5,000.75	.....	.....	.....	.....	28,575.75
1817	.....	.....	607,783.50	.....	.....	.....	.....	.....	607,783.50
1818	.....	.....	980,161.00	90,293.50	.....	.....	.....	.....	1,070,454.50
1819	.....	.....	1,104,000.00	36,000.00	.....	.....	.....	.....	1,140,000.00
1820	.....	.....	375,561.00	31,861.00	.....	94,258.70	.....	.....	501,680.70
1821	.....	.....	652,898.50	54,212.75	.....	118,651.20	.....	.....	825,762.45
1822	.....	.....	779,786.50	16,020.00	.....	10,000.00	.....	.....	805,806.50
1823	.....	.....	847,100.00	4,450.00	.....	44,000.00	.....	.....	895,550.00
1824	.....	.....	1,752,477.00	.....	.....	.....	.....	.....	1,752,477.00
1825	.....	.....	1,471,583.00	42,000.00	.....	51,000.00	.....	.....	1,564,583.00
1826	.....	.....	2,002,090.00	.....	.....	.....	.....	.....	2,002,090.00
1827	.....	.....	2,746,700.00	1,000.00	.....	121,500.00	.....	.....	2,869,200.00
1828	.....	.....	1,537,600.00	25,500.00	.....	12,500.00	.....	.....	1,575,600.00
1829	.....	.....	1,856,078.00	.....	.....	77,000.00	61,500.00	.....	1,994,578.00
1830	.....	.....	2,382,400.00	.....	.....	51,000.00	62,000.00	.....	2,495,400.00
1831	.....	.....	2,936,830.00	99,500.00	.....	77,135.00	62,135.00	.....	3,175,600.00
1832	.....	.....	2,398,500.00	80,000.00	.....	52,250.00	48,250.00	.....	2,579,000.00
1833	.....	.....	2,603,000.00	39,000.00	.....	48,500.00	68,500.00	.....	2,759,000.00
1834	.....	.....	3,206,002.00	71,500.00	.....	63,500.00	74,000.00	.....	3,415,002.00
1835	.....	.....	2,676,003.00	488,000.00	.....	141,000.00	138,000.00	.....	3,443,003.00
1836	.....	1,000	3,273,100.00	118,000.00	.....	119,000.00	95,000.00	.....	3,606,100.00
1837	.....	.....	1,814,910.00	63,100.00	.....	104,200.00	113,800.00	.....	2,096,010.00
1838	.....	.....	1,773,000.00	208,000.00	.....	239,493.40	112,750.00	.....	2,333,243.40
1839	.....	300	1,748,768.00	122,786.50	.....	229,638.70	108,285.00	.....	2,209,778.20
1840	.....	61,005	1,145,054.00	153,331.75	.....	253,358.00	113,954.25	.....	1,726,703.00
1841	.....	173,000	355,500.00	143,000.00	.....	363,000.00	98,250.00	.....	1,132,750.00
1842	.....	184,618	1,484,882.00	214,250.00	.....	390,750.00	58,250.00	.....	2,332,750.00

1843	.....	165,100	3,056,000.00	403,400.00	.....	152,000.00	58,250.00	.....	3,834,750.00
1844	.....	20,000	1,885,500.00	290,300.00	.....	7,250.00	32,500.00	.....	2,235,550.00
1845	.....	24,500	1,341,500.00	230,500.00	.....	198,500.00	78,200.00	.....	1,873,200.00
1846	.....	169,600	2,257,000.00	127,500.00	.....	3,130.00	1,350.00	.....	2,558,580.00
1847	.....	140,750	1,870,000.00	275,500.00	.....	24,500.00	63,700.00	.....	2,374,450.00
1848	.....	15,000	1,880,000.00	36,500.00	.....	45,150.00	63,400.00	.....	2,040,050.00
1849	.....	62,600	1,781,000.00	85,000.00	.....	113,900.00	72,450.00	.....	2,114,950.00
1850	.....	47,500	1,341,500.00	150,700.00	.....	244,150.00	82,250.00	.....	1,866,100.00
1851	.....	1,300	301,375.00	62,000.00	.....	142,650.00	82,050.00	$185,022.00	774,397.00
1852	.....	1,100	110,565.00	68,265.00	.....	196,550.00	63,025.00	559,905.00	999,410.00
1853	.....	46,110	2,430,354.00	4,146,555.00	.....	1,327,301.00	785,251.00	342,000.00	9,077,571.00
1854	.....	33,140	4,111,000.00	3,466,000.00	.....	624,000.00	365,000.00	20,130.00	8,619,270.00
1855	.....	26,000	2,288,725.00	857,350.00	.....	207,500.00	117,500.00	4,170.00	3,501,245.00
1856	.....	63,500	1,903,500.00	2,129,500.00	.....	703,000.00	299,000.00	43,740.00	5,142,240.00
1857	.....	94,000	1,482,000.00	2,726,500.00	.....	712,000.00	433,000.00	31,260.00	5,478,760.00
1858	.....	.....	5,998,000.00	2,002,250.00	.....	189,000.00	258,000.00	48,120.00	8,495,370.00
1859	.....	636,500	2,074,000.00	421,000.00	.....	97,000.00	45,000.00	10,950.00	3,284,450.00
1860	.....	733,930	1,032,850.00	312,350.00	.....	78,700.00	92,950.00	8,610.00	2,259,390.00
1861	.....	78,500	2,078,950.00	1,237,650.00	.....	209,650.00	164,050.00	14,940.00	3,783,740.00
1862	.....	12,090	802,175.00	249,887.50	.....	102,830.00	74,627.50	10,906.50	1,252,516.50
1863	.....	27,660	709,830.00	48,015.00	.....	17,196.00	5,923.00	643.80	809,267.80
1864	.....	31,170	518,785.00	28,517.50	.....	26,907.00	4,523.50	14.10	609,917.10
1865	.....	47,000	593,450.00	25,075.00	.....	18,550.00	6,675.00	255.00	691,005.00
1866	.....	49,625	899,812.50	11,381.25	.....	14,372.50	6,536.25	681.75	982,409.25
1867	.....	60,325	810,162.50	17,156.25	.....	14,662.50	6,431.25	138.75	908,876.25
1868	.....	182,700	769,100.00	31,500.00	.....	72,625.00	18,295.00	123.00	1,074,343.00
1869	.....	424,300	725,950.00	23,150.00	.....	70,660.00	21,930.00	153.00	1,266,143.00
1870	.....	445,462	829,758.50	23,935.00	.....	52,150.00	26,830.00	120.00	1,378,255.50
1871	.....	1,117,136	1,741,655.00	53,255.50	.....	109,371.00	82,493.00	127.80	3,104,038.30
1872	.....	1,118,600	866,775.00	68,762.50	.....	261,045.00	189,247.50	58.50	2,504,488.50
1873	$1,225,000	296,600	1,593,780.00	414,190.50	.....	443,329.10	51,830.00	18.00	4,024,747.60
Total: 1793-1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	.....	9,242,079.20	4,880,219.40	1,282,087.20	147,489,898.30
1874	4,910,000	.....	1,406,650.00	215,975.00	.....	319,151.70	.....	.....	6,851,776.70
1875	6,279,600	.....	5,117,750.00	1,278,375.00	$265,598	2,406,570.00	.....	.....	15,347,893.00
1876	6,192,150	.....	7,451,575.00	7,839,287.50	5,180	3,015,115.00	.....	.....	24,503,307.50
1877	13,092,710	.....	7,540,255.00	6,024,927.50	102	1,735,051.00	.....	.....	28,393,045.50
1878	4,259,900	22,495,550	726,200.00	849,200.00	120	187,880.00	.....	.....	28,518,850.00
1879	1,541	27,560,100	2,950.00	3,675.00	.....	1,510.00	.....	.....	27,569,776.00
1880	1,987	27,397,355	4,877.50	3,738.75	.....	3,735.50	.....	.....	27,411,693.75
1881	960	27,927,975	5,487.50	3,243.75	.....	2,497.50	.....	.....	27,940,163.75
1882	1,097	27,574,100	2,750.00	4,075.00	.....	391,110.00	.....	.....	27,973,132.00
1883	979	28,470,039	4,519.50	3,859.75	.....	767,571.20	.....	.....	29,246,968.45
1884	.....	28,136,875	2,637.50	2,218.75	.....	393,134.90	.....	.....	28,534,866.15
1885	.....	28,697,767	3,065.00	3,632.50	.....	257,711.70	.....	.....	28,962,176.20
1886	.....	31,423,886	2,943.00	1,471.50	.....	658,409.40	.....	.....	32,086,709.90
1887	.....	33,611,710	2,855.00	2,677.50	.....	1,573,838.90	.....	.....	35,191,081.40
1888	.....	31,990,833	6,416.50	306,708.25	.....	721,648.70	.....	.....	33,025,606.45
1889	.....	34,651,811	6,355.50	3,177.75	.....	835,338.90	.....	.....	35,496,683.15
1890	.....	38,043,004	6,295.00	20,147.50	.....	1,133,461.70	.....	.....	39,202,908.20
1891	.....	23,562,735	100,300.00	1,551,150.00	.....	2,304,671.60	.....	.....	27,518,856.60
1892	.....	6,333,245	1,652,136.50	2,960,331.00	.....	1,695,365.50	.....	.....	12,641,078.00
1893	.....	1,455,792	4,003,948.50	2,583,843.25	.....	759,219.30	.....	.....	8,802,803.05

VII. --Annual silver coinage of the United States--Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents	Total
1894	.....	$3,093,972	$3,667,831.00	$2,233,448.25	.....	$205,099.60	.....	.....	$9,200,350.85
1895	.....	862,880	2,354,652.00	2,255,390.25	.....	225,088.00	.....	.....	5,698,010.25
1896	.....	19,876,762	1,507,855.00	1,386,700.25	.....	318,581.80	.....	.....	23,089,899.05
1897	.....	12,651,731	2,023,315.50	2,524,440.00	.....	1,287,810.80	.....	.....	18,487,297.30
1898	.....	14,426,735	3,094,642.50	3,497,331.75	.....	2,015,324.20	.....	.....	23,034,033.45
1899	.....	15,182,846	4,474,628.50	3,994,211.50	.....	2,409,833.90	.....	.....	26,061,519.90
1900	.....	25,010,938	5,033,617.00	3,822,874.25	.....	2,477,918.20	.....	.....	36,345,347.45
1901	.....	22,566,813	3,119,928.50	2,644,369.25	.....	2,507,350.00	.....	.....	30,838,460.75
1902	.....	18,160,777	4,454,723.50	4,617,589.00	.....	2,795,077.70	.....	.....	30,028,167.20
1903	.....	10,343,755	3,149,763.50	3,551,516.00	.....	2,829,405.50	.....	.....	19,874,440.00
1904	.....	8,812,650	2,331,654.00	3,011,203.25	.....	1,540,102.70	.....	.....	15,695,609.95
1905	.....	.....	1,830,863.50	2,020,562.50	.....	2,480,754.90	.....	.....	6,332,180.90
1906	.....	.....	5,426,414.50	2,248,108.75	.....	2,976,504.60	.....	.....	10,651,027.85
1907	.....	.....	5,825,587.50	3,899,143.75	.....	3,453,704.50	.....	.....	13,178,435.75
1908	.....	.....	5,819,686.50	4,262,136.25	.....	2,309,954.50	.....	.....	12,391,777.25
1909	.....	.....	2,529,025.00	4,110,662.50	.....	1,448,165.00	.....	.....	8,087,852.50
1910	.....	.....	1,183,275.50	936,137.75	.....	1,625,055.10	.....	.....	3,744,468.35
1911	.....	.....	1,686,811.50	1,410,535.75	.....	3,359,954.30	.....	.....	6,457,301.55
1912	.....	.....	2,610,750.00	1,277,175.00	.....	3,453,070.00	.....	.....	7,340,995.00
1913	.....	.....	663,313.50	493,853.25	.....	2,027,062.20	.....	.....	3,184,228.95
1914	.....	.....	558,305.00	2,388,652.50	.....	3,136,865.50	.....	.....	6,083,823.00
1915	.....	.....	1,486,440.00	1,969,612.50	.....	658,045.00	.....	.....	4,114,097.50
1916	.....	.....	1,065,200.00	2,095,200.00	.....	5,720,400.00	.....	.....	8,880,800.00
1917	.....	.....	10,751,700.00	9,464,400.00	.....	9,196,200.00	.....	.....	29,412,300.00
1918	.....	.....	10,434,549.00	8,173,000.00	.....	6,865,480.00	.....	.....	25,473,029.00
1919	.....	.....	1,839,500.00	3,776,000.00	.....	5,452,900.00	.....	.....	11,068,400.00
1920	.....	.....	6,398,570.00	9,456,600.00	.....	9,202,100.00	.....	.....	25,057,270.00
1921	.....	87,736,473	611,062.50	479,000.00	.....	231,000.00	.....	.....	89,057,535.50
1922	.....	84,275,000	50,030.50	.....	.....	.....	.....	.....	84,325,030.50
1923	.....	56,631,000	1,226,038.50	2,769,000.00	.....	5,657,000.00	.....	.....	66,283,038.50
1924	.....	13,539,000	71,040.00	4,223,000.00	.....	3,794,000.00	.....	.....	21,627,040.00
1925	.....	11,808,000	1,338,518.00	3,070,000.00	.....	3,657,700.00	.....	.....	19,874,218.00
1926	.....	11,267,700	574,306.50	3,933,000.00	.....	4,050,800.00	.....	.....	19,825,806.50
1927	.....	2,982,900	1,216,017.00	3,321,100.00	.....	3,766,200.00	.....	.....	11,286,217.00
1928	.....	1,992,649	1,000,018.00	2,651,900.00	.....	3,104,100.00	.....	.....	8,748,667.00
1929	.....	.....	1,451,600.00	3,565,500.00	.....	3,573,400.00	.....	.....	8,590,500.00
1930	.....	.....	.....	1,797,000.00	.....	861,300.00	.....	.....	2,658,300.00
1931	.....	.....	.....	.....	.....	621,000.00	.....	.....	621,000.00
1932	.....	.....	.....	1,562,200.00	.....	.....	.....	.....	1,562,200.00
1933	.....	.....	895,625.00	.....	.....	.....	.....	.....	895,625.00
1934	.....	3,534,557	6,612,270.50	8,859,813.00	.....	3,085,200.00	.....	.....	22,091,840.50
1935	.....	3,540,000	8,201,523.50	10,981,000.00	.....	8,514,700.00	.....	.....	31,237,223.50
1936	.....	.....	10,745,882.50	12,626,459.25	.....	11,284,613.00	.....	.....	34,656,954.75
1937	.....	.....	6,824,600.50	7,135,785.50	.....	8,075,175.60	.....	.....	22,035,561.60
1938	.....	.....	2,337,909.00	3,078,011.25	.....	3,582,572.80	.....	.....	8,998,493.05
1939	.....	.....	6,827,987.00	10,817,198.75	.....	10,268,332.10	.....	.....	27,913,497.85
1940	.....	.....	6,858,639.50	11,689,211.50	.....	10,811,982.70	.....	.....	29,359,833.70

1941	.....	.....	21,776,906.00	27,960,521.75	.....	26,383,055.70	.....	.....	76,120,483.45
1942	.....	.....	35,760,460.00	34,747,080.75	.....	31,547,232.90	.....	.....	102,054,773.65
1943	.....	.....	38,993,000.00	34,373,900.00	.....	32,405,900.00	.....	.....	105,772,800.00
1944	.....	.....	23,439,500.00	33,029,200.00	.....	34,312,400.00	.....	.....	90,781,100.00
1945	.....	.....	25,812,400.00	25,929,400.25	.....	24,129,500.00	.....	.....	75,871,300.25
1946	.....	.....	9,897,047.50	16,678,200.00	.....	34,419,350.00	.....	.....	60,994,597.50
1947	.....	.....	4,147,325.50	10,856,600.00	.....	20,319,500.00	.....	.....	35,323,425.50
1948	.....	.....	3,547,714.50	16,980,700.00	.....	16,331,100.00	.....	.....	36,859,514.50
1949	.....	.....	6,757,306.00	4,845,100.00	.....	7,048,400.00	.....	.....	18,650,806.00
1950	.....	.....	8,180,604.00	14,082,779.00	.....	11,742,450.00	.....	.....	34,005,833.00
1951	.....	.....	20,347,459.00	21,977,100.50	.....	19,109,660.20	.....	.....	61,434,219.70
1952	.....	.....	27,108,988.50	25,591,268.25	.....	26,564,157.30	.....	.....	79,264,414.05
1953	.....	.....	13,984,673.00	22,198,330.00	.....	22,923,192.00	.....	.....	59,106,195.00
1954	.....	.....	22,003,259.50	27,196,431.25	.....	24,350,050.30	.....	.....	73,549,741.05
Total: 1874–1954	$34,740,924	847,629,915	441,972,261.50	524,188,360.50	$271,000	517,665,825.10	.....	.....	2,366,468,286.10
Grand total	35,965,924	855,661,153	542,513,514.50	546,476,382.00	271,000	526,907,904.30	$4,880,219.40	$1,282,087.20	2,513,958,184.40

VIII--Annual minor coinage of the United States

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents	Total
1793-95	.....	.....	.....	$10,677.33	$695.67	$11,373.00
1796	.....	.....	.....	9,747.00	577.40	10,324.40
1797	.....	.....	.....	8,975.10	535.24	9,510.34
1798	.....	.....	.....	9,797.00	.....	9,797.00
1799	.....	.....	.....	9,045.85	60.83	9,106.68
1800	.....	.....	.....	28,221.75	1,057.65	29,279.40
1801	.....	.....	.....	13,628.37	.....	13,628.37
1802	.....	.....	.....	34,351.00	71.83	34,422.83
1803	.....	.....	.....	24,713.53	489.50	25,203.03
1804	.....	.....	.....	7,568.38	5,276.56	12,844.94
1805	.....	.....	.....	9,411.16	4,072.32	13,483.48
1806	.....	.....	.....	3,480.00	1,780.00	5,260.00
1807	.....	.....	.....	7,272.21	2,380.00	9,652.21
1808	.....	.....	.....	11,090.00	2,000.00	13,090.00
1809	.....	.....	.....	2,228.67	5,772.86	8,001.53
1810	.....	.....	.....	14,585.00	1,075.00	15,660.00
1811	.....	.....	.....	2,180.25	315.70	2,495.95
1812	.....	.....	.....	10,755.00	.....	10,755.00
1813	.....	.....	.....	4,180.00	.....	4,180.00
1814	.....	.....	.....	3,578.30	.....	3,578.30
1815	.....	.....	.....	.....	.....	.....
1816	.....	.....	.....	28,209.82	.....	28,209.82
1817	.....	.....	.....	39,484.00	.....	39,484.00
1818	.....	.....	.....	31,670.00	.....	31,670.00
1819	.....	.....	.....	26,710.00	.....	26,710.00
1820	.....	.....	.....	44,075.50	.....	44,075.50
1821	.....	.....	.....	3,890.00	.....	3,890.00
1822	.....	.....	.....	20,723.39	.....	20,723.39
1823	.....	.....	.....	.....	.....	.....
1824	.....	.....	.....	12,620.00	.....	12,620.00
1825	.....	.....	.....	14,611.00	315.00	14,926.00
1826	.....	.....	.....	15,174.25	1,170.00	16,344.25
1827	.....	.....	.....	23,577.32	.....	23,577.32
1828	.....	.....	.....	22,606.24	3,030.00	25,636.24
1829	.....	.....	.....	14,145.00	2,435.00	16,580.00
1830	.....	.....	.....	17,115.00	.....	17,115.00
1831	.....	.....	.....	33,592.60	11.00	33,603.60
1832	.....	.....	.....	23,620.00	.....	23,620.00
1833	.....	.....	.....	27,390.00	770.00	28,160.00
1834	.....	.....	.....	18,551.00	600.00	19,151.00
1835	.....	.....	.....	38,784.00	705.00	39,489.00
1836	.....	.....	.....	21,110.00	1,990.00	23,100.00
1837	.....	.....	.....	55,583.00	.....	55,583.00
1838	.....	.....	.....	63,702.00	.....	63,702.00
1839	.....	.....	.....	31,286.61	.....	31,286.61
1840	.....	.....	.....	24,627.00	.....	24,627.00
1841	.....	.....	.....	15,973.67	.....	15,973.67
1842	.....	.....	.....	23,833.90	.....	23,833.90
1843	.....	.....	.....	24,283.20	.....	24,283.20
1844	.....	.....	.....	23,987.52	.....	23,987.52
1845	.....	.....	.....	38,948.04	.....	38,948.04
1846	.....	.....	.....	41,208.00	.....	41,208.00
1847	.....	.....	.....	61,836.69	.....	61,836.69
1848	.....	.....	.....	64,157.99	.....	64,157.99
1849	.....	.....	.....	41,785.00	199.32	41,984.32
1850	.....	.....	.....	44,268.44	199.06	44,467.50
1851	.....	.....	.....	98,897.07	738.36	99,635.43
1852	.....	.....	.....	50,630.94	.....	50,630.94
1853	.....	.....	.....	66,411.31	648.47	67,059.78
1854	.....	.....	.....	42,361.56	276.79	42,638.35
1855	.....	.....	.....	15,748.29	282.50	16,030.79
1856	.....	.....	.....	26,904.63	202.15	27,106.78
1857	.....	.....	.....	177,834.56	175.90	178,010.46
1858	.....	.....	.....	246,000.00	.....	246,000.00
1859	.....	.....	.....	364,000.00	.....	364,000.00
1860	.....	.....	.....	205,660.00	.....	205,660.00
1861	.....	.....	.....	101,000.00	.....	101,000.00
1862	.....	.....	.....	280,750.00	.....	280,750.00
1863	.....	.....	.....	498,400.00	.....	498,400.00
1864	.....	.....	$396,950.00	529,737.14	.....	926,687.14
1865	.....	$341,460.00	272,800.00	354,292.86	.....	968,552.86
1866	$737,125.00	144,030.00	63,540.00	98,265.00	.....	1,042,960.00
1867	1,545,475.00	117,450.00	58,775.00	98,210.00	.....	1,819,910.00
1868	1,440,850.00	97,560.00	56,075.00	102,665.00	.....	1,697,150.00
1869	819,750.00	48,120.00	30,930.00	64,200.00	.....	963,000.00
1870	240,300.00	40,050.00	17,225.00	52,750.00	.....	350,325.00
1871	28,050.00	18,120.00	14,425.00	39,295.00	.....	99,890.00

VIII--Annual minor coinage of the United States--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents	Total
1872	$301,800.00	$25,860.00	$1,300.00	$40,420.00	.....	$369,380.00
1873	227,500.00	35,190.00	.....	116,765.00	.....	379,455.00
Total, 1793-1873	5,340,850.00	867,840.00	912,020.00	4,929,824.44	$39,909.11	12,090,443.55
1874	176,900.00	23,700.00	.....	141,875.00	.....	342,475.00
1875	104,850.00	6,840.00	.....	135,280.00	.....	246,970.00
1876	126,500.00	4,860.00	.....	79,440.00	.....	210,800.00
1877	.....	.....	.....	8,525.00	.....	8,525.00
1878	117.50	70.50	.....	57,998.50	.....	58,186.50
1879	1,455.00	1,236.00	.....	162,312.00	.....	165,003.00
1880	997.75	748.65	.....	389,649.55	.....	391,395.95
1881	3,618.75	32,417.25	.....	392,115.75	.....	428,151.75
1882	573,830.00	759.00	.....	385,811.00	.....	960,400.00
1883	1,148,471.05	318.27	.....	455,981.09	.....	1,604,770.41
1884	563,697.10	169.26	.....	232,617.42	.....	796,483.78
1885	73,824.50	143.70	.....	117,653.84	.....	191,622.04
1886	166,514.50	128.70	.....	176,542.90	.....	343,186.10
1887	763,182.60	238.83	.....	452,264.83	.....	1,215,686.26
1888	536,024.15	1,232.49	.....	374,944.14	.....	912,200.78
1889	794,068.05	646.83	.....	488,693.61	.....	1,283,408.49
1890	812,963.60	.....	.....	571,828.54	.....	1,384,792.14
1891	841,717.50	.....	.....	470,723.50	.....	1,312,441.00
1892	584,982.10	.....	.....	376,498.32	.....	961,480.42
1893	668,509.75	.....	.....	466,421.95	.....	1,134,931.70
1894	270,656.60	.....	.....	167,521.32	.....	438,177.92
1895	408,994.20	.....	.....	383,436.36	.....	882,430.56
1896	442,146.00	.....	.....	390,572.93	.....	832,718.93
1897	1,021,436.75	.....	.....	504,663.30	.....	1,526,100.05
1898	626,604.35	.....	.....	498,230.79	.....	1,124,835.14
1899	1,301,451.55	.....	.....	536,000.31	.....	1,837,451.86
1900	1,362,799.75	.....	.....	668,337.64	.....	2,031,137.39
1901	1,324,010.65	.....	.....	796,111.43	.....	2,120,122.08
1902	1,574,028.95	.....	.....	873,767.22	.....	2,447,796.17
1903	1,400,336.25	.....	.....	850,944.93	.....	2,251,281.18
1904	1,070,249.20	.....	.....	613,280.15	.....	1,683,529.35
1905	1,491,363.80	.....	.....	807,191.63	.....	2,298,555.43
1906	1,930,686.25	.....	.....	960,222.55	.....	2,890,908.80
1907	1,960,740.00	.....	.....	1,081,386.18	.....	3,042,126.18
1908	1,134,308.85	.....	.....	334,429.87	.....	1,468,738.72
1909	579,526.30	.....	.....	1,176,862.63	.....	1,756,388.93
1910	1,508,467.65	.....	.....	1,528,462.18	.....	3,036,929.83
1911	1,977,968.60	.....	.....	1,178,757.87	.....	3,156,726.47
1912	1,747,435.70	.....	.....	829,950.60	.....	2,577,386.30
1913	3,682,961.95	.....	.....	984,373.52	.....	4,667,335.47
1914	1,402,386.90	.....	.....	805,684.32	.....	2,208,071.22
1915	1,503,088.50	.....	.....	559,751.20	.....	2,062,839.70
1916	4,434,553.30	.....	.....	1,902,996.77	.....	6,337,550.07
1917	3,276,391.45	.....	.....	2,841,697.85	.....	6,118,089.30
1918	2,266,515.70	.....	.....	3,706,146.34	.....	5,972,662.04
1919	3,819,750.00	.....	.....	5,889,350.00	.....	9,709,100.00
1920	4,110,000.00	.....	.....	4,056,650.00	.....	8,166,650.00
1921	611,000.00	.....	.....	544,310.00	.....	1,155,310.00
1922	.....	.....	.....	71,600.00	.....	71,600.00
1923	2,092,850.00	.....	.....	834,230.00	.....	2,927,080.00
1924	1,415,750.00	.....	.....	893,940.00	.....	2,309,690.00
1925	2,313,555.00	.....	.....	1,889,090.00	.....	4,202,645.00
1926	2,565,050.00	.....	.....	1,896,580.00	.....	4,461,630.00
1927	2,357,050.00	.....	.....	1,858,860.00	.....	4,215,910.00
1928	1,839,150.00	.....	.....	1,825,520.00	.....	3,664,670.00
1929	2,628,500.00	.....	.....	2,771,400.00	.....	5,399,900.00
1930	1,414,200.00	.....	.....	2,218,010.00	.....	3,632,210.00
1931	60,000.00	.....	.....	247,420.00	.....	307,420.00
1932	.....	.....	.....	195,620.00	.....	195,620.00
1933	.....	.....	.....	205,600.00	.....	205,600.00
1934	1,384,650.15	.....	.....	2,475,260.00	.....	3,859,910.15
1935	4,032,800.00	.....	.....	3,310,900.00	.....	7,343,700.00
1936	7,937,271.00	.....	.....	3,793,875.60	.....	11,731,146.69
1937	5,147,338.45	.....	.....	3,941,093.20	.....	9,088,431.65
1938	1,800,818.25	.....	.....	1,918,867.34	.....	3,719,685.59
1939	6,538,576.75	.....	.....	3,837,095.20	.....	10,375,671.95
1940	12,986,457.90	.....	.....	7,811,558.72	.....	20,798,016.62
1941	15,008,036.00	.....	.....	11,080,991.00	.....	26,089,027.00
1942	7,727,860.00	.....	.....	9,501,166.00	.....	17,229,026.00
1943	19,525,950.00	.....	.....	10,938,386.70	.....	30,464,336.70
1944	8,654,950.00	.....	.....	21,487,380.00	.....	30,142,330.00
1945	10,775,255.00	.....	.....	14,485,530.00	.....	25,260,785.00
1946	10,998,410.00	.....	.....	15,054,450.00	.....	26,052,860.00

VIII--Annual minor coinage of the United States--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents	Total
1947	$7,877,100.00	.....	.....	$4,843,050.00	.....	$12,720,150.00
1948	7,269,100.00	.....	.....	5,719,425.00	.....	12,988,525.00
1949	5,343,300.00	.....	.....	4,351,975.00	.....	9,695,275.00
1950	623,870.80	.....	.....	7,261,413.86	.....	7,885,284.66
1951	2,842,275.00	.....	.....	10,459,985.00	.....	13,302,260.00
1952	5,763,999.00	.....	.....	10,707,869.84	.....	16,471,868.84
1953	6,293,115.00	.....	.....	11,392,338.00	.....	17,685,453.00
1954	9,721,895.50	.....	.....	4,196,158.50	.....	13,918,054.00
Total 1874-1954	231,211,216.90	$73,509.48	.....	224,884,905.88	.....	456,169,632.26
Grand total	$236,552,066.90	$941,349.48	$912,020.00	$229,814,730.32	$39,909.11	$468,260,075.81

IX.--Annual gold coinage, Philadelphia Mint

Calendar year	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793 to 1795	.....	$27,950	$43,535	.....	.....	.....
1796	.....	60,800	16,995	.....	$165.00	.....
1797	.....	91,770	32,030	.....	4,390.00	.....
1798	.....	79,740	124,335	.....	1,535.00	.....
1799	.....	174,830	37,255	.....	1,200.00	.....
1800	.....	259,650	58,110	.....	.....	.....
1801	.....	292,540	130,030	.....	.....	.....
1802	.....	150,900	265,880	.....	6,530.00	.....
1803	.....	89,790	167,530	.....	1,057.50	.....
1804	.....	97,950	152,375	.....	8,317.50	.....
1805	.....	.....	165,915	.....	4,452.50	.....
1806	.....	.....	320,465	.....	4,040.00	.....
1807	.....	.....	420,465	.....	17,030.00	.....
1808	.....	.....	277,890	.....	6,775.00	.....
1809	.....	.....	169,375	.....	.....	.....
1810	.....	.....	501,435	.....	.....	.....
1811	.....	.....	497,905	.....	.....	.....
1812	.....	.....	290,435	.....	.....	.....
1813	.....	.....	477,140	.....	.....	.....
1814	.....	.....	77,270	.....	.....	.....
1815	.....	.....	3,175	.....	.....	.....
1816	.....	.....	.....	.....	.....	.....
1817	.....	.....	.....	.....	.....	.....
1818	.....	.....	242,940	.....	.....	.....
1819	.....	.....	258,615	.....	.....	.....
1820	.....	.....	1,319,030	.....	.....	.....
1821	.....	.....	173,205	.....	16,120.00	.....
1822	.....	.....	88,980	.....	.....	.....
1823	.....	.....	72,425	.....	.....	.....
1824	.....	.....	86,700	.....	6,500.00	.....
1825	.....	.....	145,300	.....	11,085.00	.....
1826	.....	.....	90,345	.....	1,900.00	.....
1827	.....	.....	124,565	.....	7,000.00	.....
1828	.....	.....	140,145	.....	.....	.....
1829	.....	.....	287,210	.....	8,507.50	.....
1830	.....	.....	631,755	.....	11,350.00	.....
1831	.....	.....	702,970	.....	11,300.00	.....
1832	.....	.....	787,435	.....	11,000.00	.....
1833	.....	.....	968,150	.....	10,400.00	.....
1834	.....	.....	3,660,845	.....	293,425.00	.....
1835	.....	.....	1,857,670	.....	328,505.00	.....
1836	.....	.....	2,765,735	.....	1,369,965.00	.....
1837	.....	.....	1,035,605	.....	112,700.00	.....
1838	.....	72,000	1,432,940	.....	117,575.00	.....
1839	.....	382,480	590,715	.....	67,552.50	.....
1840	.....	473,380	686,910	.....	47,147.50	.....
1841	.....	631,310	79,165	.....	.....	.....
1842	.....	815,070	137,890	.....	7,057.50	.....
1843	.....	754,620	3,056,025	.....	251,365.00	.....
1844	.....	63,610	1,701,650	.....	16,960.00	.....
1845	.....	261,530	2,085,495	.....	227,627.50	.....
1846	.....	200,950	1,979,710	.....	53,995.00	.....
1847	.....	8,622,580	4,579,905	.....	74,535.00	.....
1848	.....	1,454,840	1,303,875	.....	22,215.00	.....
1849	.....	6,536,180	665,350	.....	58,235.00	$688,567
1850	$23,405,220	2,914,510	322,455	.....	632,307.50	481,953
1851	41,743,100	1,763,280	1,887,525	.....	3,431,870.00	3,317,671
1852	41,060,520	2,631,060	2,869,505	.....	2,899,202.50	2,045,351
1853	25,226,520	2,012,530	1,528,850	.....	3,511,670.00	4,076,051
1854	15,157,980	542,500	803,375	$415,854	1,490,645.00	1,639,445
1855	7,293,320	1,217,010	585,490	151,665	588,700.00	758,269
1856	6,597,560	604,900	989,950	78,030	960,600.00	1,762,936
1857	8,787,500	166,060	490,940	62,673	535,325.00	774,789
1858	4,234,280	25,210	75,680	6,399	118,442.50	117,995
1859	871,940	160,930	84,070	46,914	98,610.00	168,244
1860	11,553,400	117,830	99,125	21,465	56,687.50	36,668
1861	59,529,060	1,132,330	3,199,750	18,216	3,181,295.00	527,499
1862	1,842,660	109,950	22,325	17,355	280,882.50	1,326,865
1863	2,855,800	12,480	12,360	15,117	75.00	6,250
1864	4,085,700	35,800	21,100	8,040	7,185.00	5,950
1865	7,024,000	40,050	6,475	3,495	3,862.50	3,725
1866	13,975,500	37,800	33,600	12,090	7,775.00	7,180
1867	5,021,300	31,400	34,600	7,950	8,125.00	5,250
1868	1,972,000	106,550	28,625	14,625	9,062.50	10,525
1869	3,503,100	18,550	8,925	7,575	10,862.50	5,925
1870	3,103,700	25,350	20,175	10,605	11,387.50	6,335
1871	1,603,000	17,800	16,150	3,990	13,375.00	3,930

IX.--Annual gold coinage, Philadelphia Mint--Continued

Calendar year	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1872	$5,037,600	$16,500	$8,450	$6,090	$7,575.00	$3,530
1873	34,196,500	8,250	562,525	75	445,062.50	125,125
1874	7,336,000	531,600	17,540	125,460	9,850.00	198,820
1875	5,914,800	1,200	1,100	60	1,050.00	420
1876	11,678,100	7,320	7,385	135	10,552.50	3,245
1877	7,953,400	3,170	5,760	4,464	4,130.00	3,920
1878	10,872,900	738,000	658,700	246,972	715,650.00	3,020
1879	4,152,600	3,847,700	1,509,750	9,090	222,475.00	3,030
1880	1,029,120	16,448,760	15,832,180	3,108	7,490.00	1,636
1881	45,200	38,772,600	28,544,000	1,650	1,700.00	7,660
1882	12,600	23,244,800	12,572,800	4,620	10,100.00	5,040
1883	800	2,087,400	1,167,200	2,820	4,900.00	10,840
1884	1,420	769,050	955,240	3,318	4,982.50	6,206
1885	16,560	2,535,270	3,007,530	2,730	2,217.50	12,205
1886	22,120	2,361,600	1,942,160	3,426	10,220.00	6,016
1887	2,420	536,800	435	18,480	15,705.00	8,543
1888	4,525,320	1,329,960	91,480	15,873	40,245.00	16,080
1889	882,220	44,850	37,825	7,287	44,120.00	30,729
1890	1,519,900	580,430	21,640	.....	22,032.50	.....
1891	28,840	918,680	307,065	.....	27,600.00	.....
1892	90,460	7,975,520	3,767,860	.....	6,362.50	.....
1893	6,886,780	18,408,950	7,640,985	.....	75,265.00	.....
1894	27,379,800	24,707,780	4,789,775	.....	10,305.00	.....
1895	22,293,120	5,678,260	6,729,680	.....	15,297.50	.....
1896	15,853,260	763,480	295,315	.....	48,005.00	.....
1897	27,665,220	10,001,590	4,339,415	.....	74,760.00	.....
1898	3,409,400	8,121,970	3,167,475	.....	60,412.50	.....
1899	33,387,680	12,623,050	8,553,645	.....	68,375.00	.....
1900	37,491,680	2,939,600	7,028,650	.....	168,012.50	.....
1901	2,230,520	17,188,250	3,080,200	.....	228,307.50	.....
1902	625,080	825,130	862,810	.....	334,332.50	75,080
1903	5,748,560	1,259,260	1,135,120	.....	503,142.50	175,178
1904	125,135,940	1,620,380	1,960,680	.....	402,400.00	25,028
1905	1,180,220	2,010,780	1,511,540	.....	544,860.00	35,041
1906	1,393,800	1,654,970	1,744,100	.....	441,225.00	.....
1907	36,495,620	14,433,790	3,130,960	.....	841,120.00	.....
1908	88,558,200	3,749,860	4,999,430	.....	1,412,642.50	.....
1909	3,225,640	1,848,630	3,135,690	.....	1,104,747.50	.....
1910	9,643,340	3,187,040	3,021,250	.....	1,231,705.00	.....
1911	3,947,000	5,055,950	4,575,695	.....	1,760,477.50	.....
1912	2,996,480	4,050,830	3,950,720	.....	1,540,492.50	.....
1913	3,376,760	4,420,710	4,580,495	.....	1,805,412.50	.....
1914	1,906,400	1,510,500	1,235,625	.....	600,292.50	.....
1915	3,041,000	3,510,750	2,940,375	.....	1,515,250.00	.....
1916	.....	.....	.....	.....	.....	20,026
1917	.....	.....	.....	.....	.....	10,014
1918	.....	.....	.....	.....	.....	.....
1919	.....	.....	.....	.....	.....	.....
1920	4,565,000	.....	.....	.....	.....	.....
1921	10,570,000	.....	.....	.....	.....	.....
1922	27,510,000	.....	.....	.....	.....	10,016
1923	11,320,000	.....	.....	.....	.....	.....
1924	86,470,000	.....	.....	.....	.....	.....
1925	56,635,000	.....	.....	.....	.....	.....
1926	16,335,000	10,140,000	.....	.....	1,615,565.00	.....
1927	58,935,000	.....	.....	.....	970,000.00	.....
1928	176,320,000	.....	.....	.....	1,040,000.00	.....
1929	35,595,000	.....	3,310,000	.....	1,330,000.00	.....
1930	.....	.....	.....	.....	.....	.....
1931	58,765,000	.....	.....	.....	.....	.....
1932	22,035,000	44,630,000	.....	.....	.....	.....
1933	8,910,000	3,125,000	.....	.....	.....	.....
Total	1,423,602,540	345,549,320	209,848,105	1,357,716	42,413,887.50	18,573,821

X. --Annual silver coinage, Philadelphia Mint

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents
1793-95	.....	$204,791	$161,572.00	.....	.....	.....	$4,320.80	.....
1796	.....	72,920	.....	$1,473.50	.....	$2,213.50	511.50	.....
1797	.....	7,776	1,959.00	63.00	.....	2,526.10	2,226.35	.....
1798	.....	327,536	.....	.....	.....	2,755.00	.....	.....
1799	.....	423,515	.....	.....	.....	.....	.....	.....
1800	.....	220,920	.....	.....	.....	2,176.00	1,200.00	.....
1801	.....	54,454	15,144.50	.....	.....	3,464.00	1,695.50	.....
1802	.....	41,650	14,945.00	.....	.....	1,097.50	650.50	.....
1803	.....	66,064	15,857.50	.....	.....	3,304.00	1,892.50	.....
1804	.....	19,570	78,259.50	1,684.50	.....	826.50	.....	.....
1805	.....	321	105,861.00	30,348.50	.....	12,078.00	780.00	.....
1806	.....	.....	419,788.00	51,531.00	.....	.....	.....	.....
1807	.....	.....	525,788.00	55,160.75	.....	16,500.00	.....	.....
1808	.....	.....	684,300.00	.....	.....	.....	.....	.....
1809	.....	.....	702,905.00	.....	.....	4,471.00	.....	.....
1810	.....	.....	638,138.00	.....	.....	635.50	.....	.....
1811	.....	.....	601,822.00	.....	.....	6,518.00	.....	.....
1812	.....	.....	814,029.50	.....	.....	.....	.....	.....
1813	.....	.....	620,951.50	.....	.....	.....	.....	.....
1814	.....	.....	519,537.50	.....	.....	42,150.00	.....	.....
1815	.....	.....	.....	17,308.00	.....	.....	.....	.....
1816	.....	.....	23,575.00	5,000.75	.....	.....	.....	.....
1817	.....	.....	607,783.50	.....	.....	.....	.....	.....
1818	.....	.....	980,161.00	90,293.50	.....	.....	.....	.....
1819	.....	.....	1,104,000.00	36,000.00	.....	.....	.....	.....
1820	.....	.....	375,561.00	31,861.00	.....	94,258.70	.....	.....
1821	.....	.....	652,898.50	54,212.75	.....	118,651.20	.....	.....
1822	.....	.....	779,786.50	16,020.00	.....	10,000.00	.....	.....
1823	.....	.....	847,100.00	4,450.00	.....	44,000.00	.....	.....
1824	.....	.....	1,752,477.00	.....	.....	.....	.....	.....
1825	.....	.....	1,471,583.00	42,000.00	.....	51,000.00	.....	.....
1826	.....	.....	2,002,090.00	.....	.....	.....	.....	.....
1827	.....	.....	2,746,700.00	1,000.00	.....	121,500.00	.....	.....
1828	.....	.....	1,537,600.00	25,500.00	.....	12,500.00	.....	.....
1829	.....	.....	1,856,078.00	.....	.....	77,000.00	61,500.00	.....
1830	.....	.....	2,382,400.00	.....	.....	51,000.00	62,000.00	.....
1831	.....	.....	2,936,830.00	99,500.00	.....	77,135.00	62,135.00	.....
1832	.....	.....	2,398,500.00	80,000.00	.....	52,250.00	48,250.00	.....
1833	.....	.....	2,603,000.00	39,000.00	.....	48,500.00	68,500.00	.....
1834	.....	.....	3,206,002.00	71,500.00	.....	63,500.00	74,000.00	.....
1835	.....	.....	2,676,003.00	488,000.00	.....	141,000.00	138,000.00	.....
1836	.....	1,000	3,273,100.00	118,000.00	.....	119,000.00	95,000.00	.....
1837	.....	.....	1,814,910.00	63,100.00	.....	104,200.00	113,800.00	.....
1838	.....	.....	1,773,000.00	208,000.00	.....	199,250.00	112,750.00	.....
1839	.....	300	1,667,280.00	122,786.50	.....	105,311.50	53,457.50	.....
1840	.....	61,005	717,504.00	47,031.75	.....	135,858.00	67,204.25	.....
1841	.....	173,000	155,000.00	30,000.00	.....	162,250.00	57,500.00	.....
1842	.....	184,618	1,006,382.00	22,000.00	.....	188,750.00	40,750.00	.....

X. --Annual silver coinage, Philadelphia Mint--Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents
1843	.....	$165,100	$1,922,000.00	$161,400.00	.....	$137,000.00	$58,250.00	.....
1844	.....	20,000	883,000.00	105,300.00	.....	7,250.00	21,500.00	.....
1845	.....	24,500	294,500.00	230,500.00	.....	175,500.00	78,200.00	.....
1846	.....	110,600	1,105,000.00	127,500.00	.....	3,130.00	1,350.00	.....
1847	.....	140,750	578,000.00	183,500.00	.....	24,500.00	63,700.00	.....
1848	.....	15,000	290,000.00	36,500.00	.....	45,150.00	33,400.00	.....
1849	.....	62,600	626,000.00	85,000.00	.....	83,900.00	65,450.00	.....
1850	.....	7,500	113,500.00	47,700.00	.....	193,150.00	47,750.00	.....
1851	.....	1,300	100,375.00	40,000.00	.....	102,650.00	39,050.00	$163,422.00
1852	.....	1,100	38,565.00	44,265.00	.....	153,550.00	50,025.00	559,905.00
1853	.....	46,110	1,766,354.00	3,813,555.00	.....	1,217,301.00	667,251.00	342,000.00
1854	.....	33,140	1,491,000.00	3,095,000.00	.....	447,000.00	287,000.00	20,130.00
1855	.....	26,000	379,750.00	714,250.00	.....	207,500.00	87,500.00	4,170.00
1856	.....	63,500	469,000.00	1,816,000.00	.....	578,000.00	244,000.00	43,740.00
1857	.....	94,000	994,000.00	2,411,000.00	.....	558,000.00	364,000.00	31,260.00
1858	.....	.....	2,113,000.00	1,842,000.00	.....	154,000.00	175,000.00	48,120.00
1859	.....	256,500	374,000.00	336,000.00	.....	43,000.00	17,000.00	10,950.00
1860	.....	218,930	151,850.00	201,350.00	.....	60,700.00	39,950.00	8,610.00
1861	.....	78,500	1,444,200.00	1,213,650.00	.....	192,400.00	164,050.00	14,940.00
1862	.....	12,090	126,175.00	233,137.50	.....	84,755.00	74,627.50	10,906.50
1863	.....	27,660	251,830.00	48,015.00	.....	1,446.00	923.00	643.80
1864	.....	31,170	189,785.00	23,517.50	.....	3,907.00	23.50	14.10
1865	.....	47,000	255,950.00	14,825.00	.....	1,050.00	675.00	255.00
1866	.....	49,625	372,812.50	4,381.25	.....	872.50	536.25	681.75
1867	.....	60,325	212,162.50	5,156.25	.....	662.50	431.25	138.75
1868	.....	182,700	189,100.00	7,500.00	.....	46,625.00	4,295.00	123.00
1869	.....	424,300	397,950.00	4,150.00	.....	25,660.00	10,430.00	153.00
1870	.....	433,000	300,450.00	21,850.00	.....	47,150.00	26,830.00	120.00
1871	.....	1,115,760	582,680.00	42,808.00	.....	75,361.00	74,443.00	127.80
1872	.....	1,106,450	440,775.00	45,737.50	.....	239,645.00	147,397.50	58.50
1873	$397,500	293,600	1,308,750.00	371,075.00	.....	394,710.00	35,630.00	18.00
1874	987,800	.....	1,180,150.00	117,975.00	.....	294,070.00	.....	.....
1875	218,900	.....	3,013,750.00	1,073,375.00	$7,940	1,035,070.00	.....	.....
1876	456,150	.....	4,209,575.00	4,454,287.50	3,180	1,146,115.00	.....	.....
1877	3,039,710	.....	4,152,255.00	2,727,927.50	102	731,051.00	.....	.....
1878	900	10,509,550	689,200.00	565,200.00	120	167,880.00	.....	.....
1879	1,541	14,807,100	2,950.00	3,675.00	.....	1,510.00	.....	.....
1880	1,987	12,601,355	4,877.50	3,738.75	.....	3,735.50	.....	.....
1881	960	9,163,975	5,487.50	3,243.75	.....	2,497.50	.....	.....
1882	1,097	11,101,100	2,750.00	4,075.00	.....	391,110.00	.....	.....
1883	979	12,291,039	4,519.50	3,859.75	.....	767,571.20	.....	.....
1884	.....	14,070,875	2,637.50	2,218.75	.....	336,638.00	.....	.....
1885	.....	17,787,767	3,065.00	3,632.50	.....	253,342.70	.....	.....
1886	.....	19,963,886	2,943.00	1,471.50	.....	637,757.00	.....	.....
1887	.....	20,290,710	2,855.00	2,677.50	.....	1,128,393.90	.....	.....
1888	.....	19,183,833	6,416.50	2,708.25	.....	549,648.70	.....	.....
1889	.....	21,726,811	6,355.50	3,177.75	.....	738,071.10	.....	.....
1890	.....	16,802,590	6,295.00	20,147.50	.....	991,154.10	.....	.....

1891	.....	8,694,206	100,300.00	980,150.00	.....	1,531,060.00	.....	.....
1892	.....	1,037,245	942,622.50	2,059,311.25	.....	1,212,124.50	.....	.....
1893	.....	378,792	2,939,448.50	1,371,209.50	.....	334,079.20	.....	.....
1894	.....	110,972	574,486.00	858,243.00	.....	133,097.20	.....	.....
1895	.....	12,880	917,609.00	1,110,220.00	.....	69,088.00	.....	.....
1896	.....	9,976,762	475,381.00	968,690.50	.....	200,076.20	.....	.....
1897	.....	2,822,731	1,240,365.50	2,035,182.75	.....	1,086,926.40	.....	.....
1898	.....	5,884,735	1,478,367.50	2,775,183.75	.....	1,632,073.50	.....	.....
1899	.....	330,846	2,769,423.00	3,156,211.50	.....	1,958,084.60	.....	.....
1900	.....	8,880,938	2,381,456.00	2,504,228.00	.....	1,760,091.20	.....	.....
1901	.....	6,962,813	2,134,406.50	2,223,203.25	.....	1,886,047.80	.....	.....
1902	.....	7,994,777	2,461,388.50	3,049,436.00	.....	2,138,077.70	.....	.....
1903	.....	4,652,755	1,139,377.50	2,417,516.00	.....	1,950,075.50	.....	.....
1904	.....	2,788,650	1,496,335.00	2,397,203.25	.....	1,460,102.70	.....	.....
1905	.....	.....	331,363.50	1,242,062.50	.....	1,455,235.00	.....	.....
1906	.....	.....	1,319,337.50	914,108.75	.....	1,995,840.60	.....	.....
1907	.....	.....	1,299,287.50	1,798,143.75	.....	2,222,057.50	.....	.....
1908	.....	.....	677,272.50	1,058,136.25	.....	1,060,054.50	.....	.....
1909	.....	.....	1,184,325.00	2,317,162.50	.....	1,024,065.00	.....	.....
1910	.....	.....	209,275.50	561,137.75	.....	1,152,055.10	.....	.....
1911	.....	.....	703,271.50	930,135.75	.....	1,887,054.30	.....	.....
1912	.....	.....	775,350.00	1,100,175.00	.....	1,935,070.00	.....	.....
1913	.....	.....	94,313.50	121,153.25	.....	1,976,062.20	.....	.....
1914	.....	.....	62,305.00	1,561,152.50	.....	1,736,065.50	.....	.....
1915	.....	.....	69,225.00	870,112.50	.....	562,045.00	.....	.....
1916	.....	.....	304,000.00	460,000.00	.....	4,067,000.00	.....	.....
1917	.....	.....	6,146,000.00	5,655,000.00	.....	5,523,000.00	.....	.....
1918	.....	.....	3,367,029.00	3,560,000.00	.....	2,668,000.00	.....	.....
1919	.....	.....	481,000.00	2,831,000.00	.....	3,574,000.00	.....	.....
1920	.....	.....	3,311,070.00	6,965,000.00	.....	5,903,000.00	.....	.....
1921	.....	45,696,473	233,062.50	479,000.00	.....	123,000.00	.....	.....
1922	.....	51,737,000	50,030.50	.....	.....	.....	.....	.....
1923	.....	30,800,000	.....	2,429,000.00	.....	5,013,000.00	.....	.....
1924	.....	11,811,000	71,040.00	2,730,000.00	.....	2,401,000.00	.....	.....
1925	.....	10,198,000	1,238,404.00	3,070,000.00	.....	2,561,000.00	.....	.....
1926	.....	1,939,000	524,279.00	2,829,000.00	.....	3,216,000.00	.....	.....
1927	.....	848,000	20,017.00	2,978,000.00	.....	2,808,000.00	.....	.....
1928	.....	360,649	30,018.00	1,584,000.00	.....	1,948,000.00	.....	.....
1929	.....	.....	.....	2,785,000.00	.....	2,597,000.00	.....	.....
1930	.....	.....	.....	1,408,000.00	.....	677,000.00	.....	.....
1931	.....	.....	.....	.....	.....	315,000.00	.....	.....
1932	.....	.....	.....	1,351,000.00	.....	.....	.....	.....
1933	.....	.....	.....	.....	.....	.....	.....	.....
1934	.....	954,057	3,602,067.50	7,978,013.00	.....	2,408,000.00	.....	.....
1935	.....	1,576,000	4,625,036.00	8,121,000.00	.....	5,883,000.00	.....	.....
1936	.....	.....	6,482,058.00	10,325,959.25	.....	8,750,413.00	.....	.....
1937	.....	.....	4,915,828.50	4,925,385.50	.....	5,686,575.60	.....	.....
1938	.....	.....	2,070,087.00	2,370,011.25	.....	2,219,872.80	.....	.....
1939	.....	.....	3,412,958.00	8,387,198.75	.....	6,774,932.10	.....	.....
1940	.....	.....	4,583,639.50	8,928,811.50	.....	6,536,182.70	.....	.....
1941	.....	.....	12,103,706.00	19,761,821.75	.....	17,510,655.70	.....	.....
1942	.....	.....	23,919,560.00	25,529,280.75	.....	20,543,232.90	.....	.....
1943	.....	.....	26,595,000.00	24,925,000.00	.....	19,171,000.00	.....	.....
1944	.....	.....	14,102,000.00	26,239,000.00	.....	23,141,000.00	.....	.....

X.--Annual silver coinage, Philadelphia Mint--Continued*

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents
1945	.....	.....	$15,751,000.00	$18,593,000.00	.....	$15,913,000.00	.....	.....
1946	.....	.....	6,609,301.50	13,359,000.00	.....	25,525,000.00	.....	.....
1947	.....	.....	2,097,008.50	5,639,000.00	.....	12,152,000.00	.....	.....
1948	.....	.....	1,513,409.50	8,799,000.00	.....	7,495,000.00	.....	.....
1949	.....	.....	2,813,002.00	2,328,000.00	.....	3,094,000.00	.....	.....
1950	.....	.....	3,902,756.50	6,242,878.00	.....	5,018,150.00	.....	.....
1951	.....	.....	8,739,851.00	10,876,400.50	.....	10,293,760.20	.....	.....
1952	.....	.....	11,640,182.50	9,715,518.25	.....	9,912,207.30	.....	.....
1953	.....	.....	1,402,461.50	4,666,230.00	.....	5,361,892.00	.....	.....
1954	.....	.....	6,716,754.50	13,661,375.75	.....	11,424,350.30	.....	.....
Total	5,107,524	423,758,122	293,477,669.50	351,038,193.00	11,342	319,123,604.00	3,948,791.90	1,260,487.20

XI.--Annual minor coinage, Philadelphia Mint

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793-1795	.....	.....	.....	$10,677.33	$695.67
1796	.....	.....	.....	9,747.00	577.40
1797	.....	.....	.....	8,975.10	535.24
1798	.....	.....	.....	9,797.00	.....
1799	.....	.....	.....	9,045.85	60.83
1800	.....	.....	.....	28,221.75	1,057.65
1801	.....	.....	.....	13,628.37	.....
1802	.....	.....	.....	34,351.00	71.83
1803	.....	.....	.....	24,713.53	489.50
1804	.....	.....	.....	7,568.38	5,276.56
1805	.....	.....	.....	9,411.16	4,072.32
1806	.....	.....	.....	3,480.00	1,780.00
1807	.....	.....	.....	7,272.21	2,380.00
1808	.....	.....	.....	11,090.00	2,000.00
1809	.....	.....	.....	2,228.67	5,772.86
1810	.....	.....	.....	14,585.00	1,075.00
1811	.....	.....	.....	2,180.25	315.70
1812	.....	.....	.....	10,755.00	.....
1813	.....	.....	.....	4,180.00	.....
1814	.....	.....	.....	3,578.30	.....
1815	.....	.....	.....	.....	.....
1816	.....	.....	.....	28,209.82	.....
1817	.....	.....	.....	39,484.00	.....
1818	.....	.....	.....	31,670.00	.....
1819	.....	.....	.....	26,710.00	.....
1820	.....	.....	.....	44,075.50	.....
1821	.....	.....	.....	3,890.00	.....
1822	.....	.....	.....	20,723.39	.....
1823	.....	.....	.....	.....	.....
1824	.....	.....	.....	12,620.00	.....
1825	.....	.....	.....	14,611.00	315.00
1826	.....	.....	.....	15,174.25	1,170.00
1827	.....	.....	.....	23,577.32	.....
1828	.....	.....	.....	22,606.24	3,030.00
1829	.....	.....	.....	14,145.00	2,435.00
1830	.....	.....	.....	17,115.00	.....
1831	.....	.....	.....	33,592.60	11.00
1832	.....	.....	.....	23,620.00	.....
1833	.....	.....	.....	27,390.00	770.00
1834	.....	.....	.....	18,551.00	600.00
1835	.....	.....	.....	38,784.00	705.00
1836	.....	.....	.....	21,110.00	1,990.00
1837	.....	.....	.....	55,583.00	.....
1838	.....	.....	.....	63,702.00	.....
1839	.....	.....	.....	31,286.61	.....
1840	.....	.....	.....	24,627.00	.....
1841	.....	.....	.....	15,973.67	.....
1842	.....	.....	.....	23,833.90	.....
1843	.....	.....	.....	24,283.20	.....
1844	.....	.....	.....	23,987.52	.....
1845	.....	.....	.....	38,948.04	.....
1846	.....	.....	.....	41,208.00	.....
1847	.....	.....	.....	61,836.69	.....
1848	.....	.....	.....	64,157.99	.....
1849	.....	.....	.....	41,785.00	199.32
1850	.....	.....	.....	44,268.44	199.06
1851	.....	.....	.....	98,897.07	738.36
1852	.....	.....	.....	50,630.94	.....
1853	.....	.....	.....	66,411.31	648.47
1854	.....	.....	.....	42,361.56	276.79
1855	.....	.....	.....	15,748.29	282.50
1856	.....	.....	.....	26,904.63	202.15
1857	.....	.....	.....	177,834.56	175.90
1858	.....	.....	.....	246,000.00	.....
1859	.....	.....	.....	364,000.00	.....
1860	.....	.....	.....	205,660.00	.....
1861	.....	.....	.....	101,000.00	.....
1862	.....	.....	.....	280,750.00	.....
1863	.....	.....	.....	498,400.00	.....
1864	.....	.....	$396,950.00	529,737.14	.....
1865	.....	$341,460.00	272,800.00	354,292.86	.....
1866	$737,125.00	144,030.00	63,540.00	98,265.00	.....
1867	1,545,475.00	117,450.00	58,775.00	98,210.00	.....
1868	1,440,850.00	97,560.00	56,075.00	102,665.00	.....
1869	819,750.00	48,120.00	30,930.00	64,200.00	.....
1870	240,300.00	40,050.00	17,225.00	52,750.00	.....

XI.--Annual minor coinage, Philadelphia Mint--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1871	$28,050.00	$18,120.00	$14,425.00	$39,295.00	.....
1872	301,800.00	25,860.00	1,300.00	40,420.00	.....
1873	227,500.00	35,190.00	.....	116,765.00	.....
1874	176,900.00	23,700.00	.....	141,875.00	.....
1875	104,850.00	6,840.00	.....	135,280.00	.....
1876	126,500.00	4,860.00	.....	79,440.00	.....
1877	.....	.....	.....	8,525.00	.....
1878	117.50	70.50	.....	57,998.50	.....
1879	1,455.00	1,236.00	.....	162,312.00	.....
1880	997.75	748.65	.....	389,649.55	.....
1881	3,618.75	32,417.25	.....	392,115.75	.....
1882	573,830.00	759.00	.....	385,811.00	.....
1883	1,148,471.05	318.27	.....	455,981.09	.....
1884	563.697.10	169.26	.....	232,617.42	.....
1885	73,824.50	143.70	.....	117,653.84	.....
1886	166,514.50	128.70	.....	176,542.90	.....
1887	763,182.60	238.83	.....	452,264.83	.....
1888	536,024.15	1,232.49	.....	374,944.14	.....
1889	794,068.05	646.83	.....	488,693.61	.....
1890	812,963.60	.....	.....	571,828.54	.....
1891	841,717.50	.....	.....	470,723.50	.....
1892	584,982.10	.....	.....	376,498.32	.....
1893	668,509.75	.....	.....	466,421.95	.....
1894	270,656.60	.....	.....	167,521.32	.....
1895	498,994.20	.....	.....	383,436.36	.....
1896	442,146.00	.....	.....	390,572.93	.....
1897	1,021,436.75	.....	.....	504,663.30	.....
1898	626,604.35	.....	.....	498,230.79	.....
1899	1,301,451.55	.....	.....	536,000.31	.....
1900	1,362,799.75	.....	.....	668,337.64	.....
1901	1,324,010.65	.....	.....	796,111.43	.....
1902	1,574,028.95	.....	.....	873,767.22	.....
1903	1,400,336.25	.....	.....	850,944.93	.....
1904	1,070,249.20	.....	.....	613,280.15	.....
1905	1,491,363.80	.....	.....	807,191.63	.....
1906	1,930,686.25	.....	.....	960,222.55	.....
1907	1,960,740.00	.....	.....	1,081,386.18	.....
1908	1,134,308.85	.....	.....	323,279.87	.....
1909	579,526.30	.....	.....	1,150,682.63	.....
1910	1,508,467.65	.....	.....	1,468,012.18	.....
1911	1,977,968.60	.....	.....	1,011,777.87	.....
1912	1,311,835.70	.....	.....	681,530.60	.....
1913	3,042,611.95	.....	.....	765,323.52	.....
1914	1,033,286.90	.....	.....	752,384.32	.....
1915	1,049,363.50	.....	.....	290,921.20	.....
1916	3,174,903.30	.....	.....	1,318,336.77	.....
1917	2,571,201.45	.....	.....	1,964,297.85	.....
1918	1,604,315.70	.....	.....	2,881,046.34	.....
1919	3,043,400.00	.....	.....	3,920,210.00	.....
1920	3,154,650.00	.....	.....	3,101,650.00	.....
1921	533,150.00	.....	.....	391,570.00	.....
1922	.....	.....	.....	.....	.....
1923	1,785,750.00	.....	.....	747,230.00	.....
1924	1,081,000.00	.....	.....	751,780.00	.....
1925	1,778,255.00	.....	.....	1,399,490.00	.....
1926	2,234,650.00	.....	.....	1,570,880.00	.....
1927	1,899,050.00	.....	.....	1,444,400.00	.....
1928	1,170,550.00	.....	.....	1,341,160.00	.....
1929	1,822,300.00	.....	.....	1,852,620.00	.....
1930	1,142,450.00	.....	.....	1,574,150.00	.....
1931	.....	.....	.....	193,960.00	.....
1932	.....	.....	.....	90,620.00	.....
1933	.....	.....	.....	143,600.00	.....
1934	1,010,650.15	.....	.....	2,190,800.00	.....
1935	2,913,200.00	.....	.....	2,453,880.00	.....
1936	5,950,071.00	.....	.....	3,096,375.69	.....
1937	3,974,288.45	.....	.....	3,091,793.20	.....
1938	975,768.25	.....	.....	1,566,967.34	.....
1939	6,031,376.75	.....	.....	3,164,795.20	.....
1940	8,824,957.90	.....	.....	5,868,258.72	.....
1941	10,164,186.00	.....	.....	8,870,391.00	.....
1942	5,385,960.00	.....	.....	6,578,286.00	.....
1943	13,558,250.00	.....	.....	6,846,286.70	.....
1944	5,957,500.00	.....	.....	14,354,000.00	.....
1945	5,970,405.00	.....	.....	10,405,150.00	.....
1946	8,055,800.00	.....	.....	9,916,550.00	.....

XI.--Annual minor coinage, Philadelphia Mint--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1947	$4,750,000.00	.....	.....	$1,905,550.00	.....
1948	4,467,400.00	.....	.....	3,175,700.00	.....
1949	3,032,600.00	.....	.....	2,177,750.00	.....
1950	492,369.30	.....	.....	2,726,863.86	.....
1951	1,430,475.00	.....	.....	2,846,335.00	.....
1952	3,203,499.00	.....	.....	1,868,569.80	.....
1953	2,338,640.00	.....	.....	2,568,838.00	.....
1954	2,395,867.50	.....	.....	718,733.50	.....
Total	169,074,837.40	$941,349.48	$912,020.00	147,521,455.28	$39,909.11

XII. --Annual gold coinage, San Francisco Mint

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1854	.....	$2,829,360	$1,238,260	$1,340	.....	$615.00	$14,632
1855	.....	17,593,500	90,000	305,000	$19,800	.....	.....
1856	.....	23,795,000	680,000	525,500	103,500	177,800.00	24,600
1857	.....	19,410,000	260,000	435,000	42,000	170,000.00	10,000
1858	.....	16,934,200	118,000	93,000	.....	3,000.00	10,000
1859	.....	12,728,900	70,000	66,100	.....	38,000.00	15,000
1860	.....	10,899,000	50,000	106,000	21,000	89,000.00	13,000
1861	.....	15,360,000	155,000	90,000	.....	60,000.00	.....
1862	.....	17,083,460	125,000	47,500	.....	20,000.00	.....
1863	.....	19,331,400	100,000	85,000	.....	27,000.00	.....
1864	.....	15,873,200	25,000	19,440	.....	.....	.....
1865	.....	20,850,000	167,000	138,060	.....	58,440.00	.....
1866	.....	16,845,000	200,000	219,600	.....	97,400.00	.....
1867	.....	18,415,000	90,000	145,000	.....	70,000.00	.....
1868	.....	16,750,000	135,000	260,000	.....	85,000.00	.....
1869	.....	13,735,000	64,300	155,000	.....	73,750.00	.....
1870	.....	19,640,000	80,000	85,000	.....	40,000.00	3,000
1871	.....	18,560,000	165,000	125,000	.....	55,000.00	.....
1872	.....	15,600,000	173,000	182,000	.....	45,000.00	.....
1873	.....	20,812,000	120,000	155,000	.....	67,500.00	.....
1874	.....	24,280,000	100,000	80,000	.....	.....	.....
1875	.....	24,600,000	.....	45,000	.....	29,000.00	.....
1876	.....	31,940,000	50,000	20,000	.....	12,500.00	.....
1877	.....	34,700,000	170,000	133,500	.....	88,500.00	.....
1878	.....	34,780,000	261,000	723,500	.....	445,000.00	.....
1879	.....	24,476,000	2,240,000	2,131,000	.....	108.750.00	.....
1880	.....	16,720,000	5,062,500	6,744,500	.....	.....	.....
1881	.....	14,540,000	9,700,000	4,845,000	.....	.....	.....
1882	.....	22,500,000	1,320,000	4,845,000	.....	.....	.....
1883	.....	23,780,000	380,000	416,000	.....	.....	.....
1884	.....	18,320,000	1,242,500	885,000	.....	.....	.....
1885	.....	13,670,000	2,280,000	6,057,500	.....	.....	.....
1886	.....	.....	8,260,000	16,340,000	.....	.....	.....
1887	.....	5,660,000	8,170,000	9,560,000	.....	.....	.....
1888	.....	17,192,000	6,487,000	1,469,500	.....	.....	.....
1889	.....	15,494,000	4,254,000	.....	.....	.....	.....
1890	.....	16,055,000	.....	.....	.....	.....	.....
1891	.....	25,762,500	.....	.....	.....	.....	.....
1892	.....	18,603,000	1,155,000	1,492,000	.....	.....	.....
1893	.....	19,923,500	1,413,500	1,120,000	.....	.....	.....
1894	.....	20,971,000	250,000	279,500	.....	.....	.....
1895	.....	22,870,000	490,000	560,000	.....	.....	.....
1896	.....	28,078,500	1,237,500	777,000	.....	.....	.....
1897	.....	29,405,000	2,347,500	1,770,000	.....	.....	.....
1898	.....	51,503,500	4,736,000	6,987,000	.....	.....	.....
1899	.....	40,206,000	8,410,000	7,725,000	.....	.....	.....
1900	.....	49,190,000	810,000	1,645,000	.....	.....	.....
1901	.....	31,920,000	28,127,500	18,240,000	.....	.....	.....
1902	.....	35,072,500	4,695,000	4,695,000	.....	.....	.....
1903	.....	19,080,000	5,380,000	9,275,000	.....	.....	.....
1904	.....	102,683,500	.....	485,000	.....	.....	.....
1905	.....	36,260,000	3,692,500	4,403,500	.....	.....	.....
1906	.....	41,315,000	4,570,000	2,990,000	.....	.....	.....
1907	.....	43,316,000	2,105,000	.....	.....	.....	.....
1908	.....	440,000	598,500	410,000	.....	.....	.....
1909	.....	55,498,500	2,923,500	1,486,000	.....	.....	.....
1910	.....	42,565,000	8,110,000	3,851,000	.....	.....	.....
1911	.....	15,515,000	510,000	7,080,000	.....	.....	.....
1912	.....	.....	3,000,000	1,960,000	.....	.....	.....
1913	.....	680,000	660,000	2,040,000	.....	.....	.....
1914	.....	29,960,000	2,080,000	1,315,000	.....	.....	.....
1915	$150,950	11,350,000	590,000	820,000	.....	25,042.50	25,034
1916	.....	15,920,000	1,385,000	1,200,000	.....	.....	.....
1917-19	.....	.....	.....	.....	.....	.....	.....
1920	.....	11,160,000	1,265,000	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....
1922	.....	53,160,000	.....	.....	.....	.....	.....
1923	.....	.....	.....	.....	.....	.....	.....
1924	.....	58,550,000	.....	.....	.....	.....	.....
1925	.....	75,530,000	.....	.....	.....	.....	.....
1926	.....	40,830,000	.....	.....	.....	.....	.....
1927	.....	62,140,000	.....	.....	.....	.....	.....
1928-29	.....	.....	.....	.....	.....	.....	.....
1930	.....	1,480,000	960,000	.....	.....	.....	.....
Total	150,950	1,762,690,520	145,584,060	140,140,040	186,300	1,886,297.50	115,266

XIII.--Annual silver coinage, San Francisco Mint

Calendar year	Dollars	Trade dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes
1854	.....	.....	.....	.....	.....	.....	.....
1855	.....	.....	$64,975.00	$99,100.00	.....	.....	.....
1856	.....	.....	105,500.00	71,500.00	.....	$7,000.00	.....
1857	.....	.....	79,000.00	20,500.00	.....	.....	.....
1858	.....	.....	238,000.00	30,250.00	.....	6,000.00	.....
1859	$20,000	.....	283,000.00	20,000.00	.....	6,000.00	.....
1860	.....	.....	236,000.00	14,000.00	.....	14,000.00	.....
1861	.....	.....	469,750.00	24,000.00	.....	17,250.00	.....
1862	.....	.....	676,000.00	16,750.00	.....	18,075.00	.....
1863	.....	.....	458,000.00	.....	.....	15,750.00	$5,000
1864	.....	.....	329,000.00	5,000.00	.....	23,000.00	4,500
1865	.....	.....	337,500.00	10,250.00	.....	17,500.00	6,000
1866	.....	.....	527,000.00	7,000.00	.....	13,500.00	6,000
1867	.....	.....	598,000.00	12,000.00	.....	14,000.00	6,000
1868	.....	.....	580,000.00	24,000.00	.....	26,000.00	14,000
1869	.....	.....	328,000.00	19,000.00	.....	45,000.00	11,500
1870	.....	.....	502,000.00	.....	.....	5,000.00	.....
1871	.....	.....	1,089,000.00	7,725.00	.....	32,000.00	8,050
1872	9,000	.....	290,000.00	20,750.00	.....	19,000.00	41,850
1873	700	$703,000	116,500.00	39,000.00	.....	45,500.00	16,200
1874	.....	2,549,000	197,000.00	98,000.00	.....	24,000.00	.....
1875	.....	4,487,000	1,600,000.00	170,000.00	$231,000	907,000.00	.....
1876	.....	5,227,000	2,264,000.00	2,149,000.00	.....	1,042,000.00	.....
1877	.....	9,519,000	2,678,000.00	2,249,000.00	.....	234,000.00	.....
1878	9,774,000	4,162,000	6,000.00	35,000.00	.....	.....	.....
1879	9,110,000	.....	.....	.....	.....	.....	.....
1880	8,900,000	.....	.....	.....	.....	.....	.....
1881	12,760,000	.....	.....	.....	.....	.....	.....
1882	9,250,000	.....	.....	.....	.....	.....	.....
1883	6,250,000	.....	.....	.....	.....	.....	.....
1884	3,200,000	.....	.....	.....	.....	56,496.90	.....
1885	1,497,000	.....	.....	.....	.....	4,369.00	.....
1886	750,000	.....	.....	.....	.....	20,652.40	.....
1887	1,771,000	.....	.....	.....	.....	445,445.00	.....
1888	657,000	.....	.....	304,000.00	.....	172,000.00	.....
1889	700,000	.....	.....	.....	.....	97,267.80	.....
1890	8,230,373	.....	.....	.....	.....	142,307.60	.....
1891	5,296,000	.....	.....	554,000.00	.....	319,611.60	.....
1892	1,200,000	.....	514,514.00	241,019.75	.....	99,071.00	.....
1893	100,000	.....	370,000.00	363,633.75	.....	249,140.10	.....
1894	1,260,000	.....	2,024,345.00	662,205.25	.....	2.40	.....
1895	400,000	.....	554,043.00	441,170.25	.....	112,000.00	.....
1896	5,000,000	.....	570,474.00	47,009.75	.....	57,505.60	.....
1897	5,825,000	.....	466,950.00	135,557.25	.....	134,284.40	.....
1898	4,102,000	.....	1,179,275.00	255,148.00	.....	170,250.70	.....
1899	2,562,000	.....	843,205.50	177,000.00	.....	186,749.30	.....
1900	3,540,000	.....	1,280,161.00	464,646.25	.....	516,827.00	.....
1901	2,284,000	.....	423,522.00	18,166.00	.....	59,302.20	.....
1902	1,530,000	.....	730,335.00	381,153.00	.....	207,000.00	.....
1903	1,241,000	.....	960,386.00	259,000.00	.....	61,330.00	.....
1904	2,304,000	.....	276,519.00	.....	.....	80,000.00	.....
1905	.....	.....	1,247,000.00	471,000.00	.....	685,519.90	.....
1906	.....	.....	870,077.00	.....	.....	313,664.00	.....
1907	.....	.....	625,000.00	340,000.00	.....	317,847.00	.....
1908	.....	.....	822,414.00	196,000.00	.....	322,000.00	.....
1909	.....	.....	882,000.00	337,000.00	.....	100,000.00	.....
1910	.....	.....	974,000.00	.....	.....	124,000.00	.....
1911	.....	.....	636,000.00	247,000.00	.....	352,000.00	.....
1912	.....	.....	685,000.00	177,000.00	.....	342,000.00	.....
1913	.....	.....	302,000.00	10,000.00	.....	51,000.00	.....
1914	.....	.....	496,000.00	66,000.00	.....	210,000.00	.....
1915	.....	.....	832,015.00	176,000.00	.....	96,000.00	.....
1916	.....	.....	254,000.00	.....	.....	1,627,000.00	.....
1917	.....	.....	3,253,000.00	1,876,000.00	.....	2,733,000.00	.....
1918	.....	.....	5,141,000.00	2,768,000.00	.....	1,930,000.00	.....
1919	.....	.....	776,000.00	459,000.00	.....	885,000.00	.....
1920	.....	.....	2,312,000.00	1,595,000.00	.....	1,382,000.00	.....
1921	21,695,000	.....	274,000.00	.....	.....	.....	.....
1922	17,475,000	.....	.....	.....	.....	.....	.....
1923	19,020,000	.....	1,226,038.50	340,000.00	.....	644,000.00	.....
1924	1,728,000	.....	.....	715,000.00	.....	712,000.00	.....
1925	1,610,000	.....	100,114.00	.....	.....	585,000.00	.....
1926	6,980,000	.....	50,027.50	675,000.00	.....	152,000.00	.....
1927	866,000	.....	1,196,000.00	99,000.00	.....	477,000.00	.....
1928	1,632,000	.....	970,000.00	661,000.00	.....	740,000.00	.....
1929	.....	.....	951,000.00	441,000.00	.....	473,000.00	.....
1930	.....	.....	.....	389,000.00	.....	184,300.00	.....

XIII.--Annual silver coinage, San Francisco Mint--Continued

Calendar year	Dollars	Trade dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes
1931	.....	.....	.....	.....	.....	$180,000.00	.....
1932	.....	.....	.....	$102,000.00	.....	.....	.....
1933	.....	.....	$893,000.00	.....	.....	.....	.....
1934	$1,011,000	.....	1,826,000.00	.....	.....	.....	.....
1935	1,964,000	.....	2,063,327.50	1,415,000.00	.....	1,584,000.00	.....
1936	.....	.....	2,021,055.50	957,000.00	.....	921,000.00	.....
1937	.....	.....	1,054,259.50	413,000.00	.....	974,000.00	.....
1938	.....	.....	11,012.00	708,000.00	.....	809,000.00	.....
1939	.....	.....	1,278,555.00	657,000.00	.....	1,054,000.00	.....
1940	.....	.....	2,275,000.00	2,061,000.00	.....	2,156,000.00	.....
1941	.....	.....	4,049,000.00	4,020,000.00	.....	4,309,000.00	.....
1942	.....	.....	6,354,000.00	4,846,000.00	.....	4,930,000.00	.....
1943	.....	.....	6,725,000.00	5,425,000.00	.....	6,040,000.00	.....
1944	.....	.....	4,452,000.00	3,140,000.00	.....	4,949,000.00	.....
1945	.....	.....	5,078,000.00	4,251,000.25	.....	4,192,000.00	.....
1946	.....	.....	2,112,139.50	1,051,000.00	.....	2,790,000.00	.....
1947	.....	.....	50,008.50	1,383,000.00	.....	3,484,000.00	.....
1948	.....	.....	10,002.50	3,990,000.00	.....	3,552,000.00	.....
1949	.....	.....	1,878,002.00	.....	.....	1,351,000.00	.....
1950	.....	.....	256,045.50	2,571,001.00	.....	2,044,000.00	.....
1951	.....	.....	6,859,004.00	2,262,000.00	.....	3,163,000.00	.....
1952	.....	.....	2,767,003.00	3,426,950.00	.....	4,441,950.00	.....
1953	.....	.....	2,128,010.00	3,504,000.00	.....	3,918,000.00	.....
1954	.....	.....	2,557,712.00	2,958,680.50	.....	2,286,000.00	.....
Total	183,504,073	$26,647,000	105,818,777.00	70,625,166.00	$231,000	80,289,468.90	$119,100

XIV.--Annual minor coinage, San Francisco Mint

Calendar year	5 cents	Cents	Calendar year	5 cents	Cents
1854-1907	.....	.....	1931	$60,000	$8,660.00
1908	.....	$11,150	1932-34	.....	.....
1909	.....	26,180	1935	515,000	387,020.00
1910	.....	60,450	1936	746,500	291,300.00
1911	.....	40,260	1937	281,750	345,000.00
1912	$11,900	44,310	1938	205,250	151,800.00
1913	165,700	61,010	1939	331,500	520,700.00
1914	173,500	41,370	1940	1,984,500	1,129,400.00
1915	75,250	48,330	1941	2,172,250	923,600.00
1916	593,000	225,100	1942	1,645,000	855,900.00
1917	209,650	326,200	1943	5,203,000	1,915,500.00
1918	244,100	346,800	1944	1,082,000	2,827,600.00
1919	376,050	1,397,600	1945	2,946,950	1,817,700.00
1920	484,450	462,200	1946	678,000	1,981,000.00
1921	77,850	152,740	1947	1,236,000	990,000.00
1922	.....	.....	1948	565,000	817,350.00
1923	307,100	87,000	1949	485,800	642,900.00
1924	71,850	116,960	1950	.....	1,185,050.00
1925	312,800	263,800	1951	388,800	1,360,100.00
1926	48,500	45,500	1952	1,028,600	1,378,000.04
1927	171,500	142,760	1953	960,545	1,818,350.00
1928	346,800	172,660	1954	1,469,200	961,900.00
1929	387,700	501,480			
1930	271,750	242,860	Total	28,315,095	27,125,550.04

XV. --Annual gold, silver, and minor coinage, Denver Mint

Calendar year	Gold				Silver				Minor	
	Double eagles	Eagles	Half eagles	Quarter eagles	Dollars	Half dollars	Quarter dollars	Dimes	5 cents	Cents
1906	$12,405,000	$9,810,000	$1,600,000	.....	.....	$2,014,000.00	$820,000	$406,000	.....	.....
1907	16,845,000	10,300,000	4,440,000	.....	.....	1,928,000.00	621,000	408,000	.....	.....
1908	20,265,000	10,465,000	740,000	.....	.....	1,640,000.00	1,447,000	749,000	.....	.....
1909	1,050,000	1,215,400	17,117,800	.....	.....	.....	1,278,500	95,400	.....	.....
1910	8,580,000	23,566,400	968,000	.....	.....	.....	375,000	349,000	.....	.....
1911	16,930,000	301,000	362,500	$139,200	.....	347,540.00	233,400	1,120,900	.....	$126,720
1912	.....	.....	.....	.....	.....	1,150,400.00	.....	1,176,000	$423,700.00	104,110
1913	7,870,000	.....	.....	.....	.....	267,000.00	362,700	.....	474,650.00	158,040
1914	9,060,000	3,435,000	1,235,000	1,120,000	.....	.....	761,500	1,190,800	195,600.00	11,930
1915	.....	.....	.....	.....	.....	585,200.00	923,500	.....	378,475.00	220,500
1916	.....	.....	.....	.....	.....	507,200.00	1,635,200	26,400	666,650.00	359,560
1917	.....	.....	.....	.....	.....	1,352,700.00	1,933,400	940,200	495,540.00	551,200
1918	.....	.....	.....	.....	.....	1,926,520.00	1,845,000	2,267,480	418,100.00	478,300
1919	.....	.....	.....	.....	.....	582,500.00	486,000	993,900	400,300.00	571,540
1920	.....	.....	.....	.....	.....	775,500.00	896,600	1,917,100	470,900.00	492,800
1921	.....	.....	.....	.....	$20,345,000	104,000.00	.....	108,000	.....	.....
1922	.....	.....	.....	.....	15,063,000	.....	.....	.....	.....	71,600
1923	34,045,000	.....	.....	.....	6,811,000	.....	.....	.....	.....	.....
1924	60,990,000	.....	.....	.....	.....	.....	778,000	681,000	262,900.00	25,200
1925	58,770,000	.....	.....	1,445,000	.....	.....	.....	511,700	222,500.00	225,800
1926	9,620,000	.....	.....	.....	2,348,700	.....	429,000	682,800	281,900.00	280,200
1927	3,600,000	.....	.....	.....	1,268,900	.....	244,100	481,200	286,500.00	271,700
1928	.....	.....	.....	.....	.....	.....	406,900	416,100	321,800.00	311,700
1929	.....	.....	.....	.....	.....	500,600.00	339,500	503,400	418,500.00	417,300
1930	.....	.....	.....	.....	.....	.....	.....	.....	.....	401,000
1931	2,130,000	.....	.....	.....	.....	.....	.....	126,000	.....	44,800
1932	.....	.....	.....	.....	.....	.....	109,200	.....	.....	105,000
1933	.....	.....	.....	.....	.....	2,625.00	.....	.....	.....	62,000
1934	.....	.....	.....	.....	1,569,500	1,184,203.00	881,800	677,200	374,000.00	284,460
1935	.....	.....	.....	.....	.....	1,513,160.00	1,445,000	1,047,700	604,600.00	470,000
1936	.....	.....	.....	.....	.....	2,242,769.00	1,343,500	1,613,200	1,240,700.00	406,200
1937	.....	.....	.....	.....	.....	854,512.50	1,797,400	1,414,600	891,300.00	504,300
1938	.....	.....	.....	.....	.....	256,810.00	.....	553,700	619,800.00	200,100
1939	.....	.....	.....	.....	.....	2,136,454.00	1,773,000	2,439,400	175,700.00	151,600
1940	.....	.....	.....	.....	.....	.....	699,400	2,119,800	2,177,000.00	813,900
1941	.....	.....	.....	.....	.....	5,624,200.00	4,178,700	4,563,400	2,671,600.00	1,287,000
1942	.....	.....	.....	.....	.....	5,486,900.00	4,371,800	6,074,000	696,900.00	2,066,980
1943	.....	.....	.....	.....	.....	5,673,000.00	4,023,900	7,194,900	764,700.00	2,176,600
1944	.....	.....	.....	.....	.....	4,884,500.00	3,650,200	6,222,400	1,615,450.00	4,305,780
1945	.....	.....	.....	.....	.....	4,983,400.00	3,085,400	4,024,500	1,857,900.00	2,262, 80

XV.--Annual gold, silver, and minor coinage, Denver Mint--Continued

Calendar year	Gold				Silver				Minor	
	Double eagles	Eagles	Half eagles	Quarter eagles	Dollars	Half dollars	Quarter dollars	Dimes	5 cents	Cents
1946	.....	.....	.....	.....	.....	$1,175,606.50	$2,268,200	$6,104,350	$2,264,610.00	$3,156,900
1947	.....	.....	.....	.....	.....	2,000,308.50	3,834,600	4,683,500	1,891,100.00	1,947,500
1948	.....	.....	.....	.....	.....	2,024,302.50	4,191,700	5,284,100	2,236,700.00	1,726,375
1949	.....	.....	.....	.....	.....	2,066,302.00	2,517,100	2,603,400	1,824,900.00	1,531,325
1950	.....	.....	.....	.....	.....	4,021,802.00	5,268,900	4,680,300	131,501.50	3,349,500
1951	.....	.....	.....	.....	.....	4,748,604.00	8,838,700	5,652,900	1,023,000.00	6,253,550
1952	.....	.....	.....	.....	.....	12,701,803.00	12,448,800	12,210,000	1,531,900.00	7,461,300
1953	.....	.....	.....	.....	.....	10,454,201.50	14,028,100	13,643,300	2,993,930.00	7,005,150
1954	.....	.....	.....	.....	.....	12,728,793.00	10,576,375	10,639,700	5,856,828.00	2,515,525
Total	262,160,000	59,092,800	26,463,300	2,704,200	47,406,100	100,445,416.50	107,148,075	118,596,730	39,162,134.50	55,167,725

XVI. --Annual gold and silver coinage, New Orleans Mint

Calendar year	Gold						Silver					
	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1838	.....	.....	.....	.....	.....	.....	.....	.....	.....	$40,243.40	.....	.....
1839	.....	.....	.....	.....	$44,452.50	.....	.....	$81,488	.....	124,327.20	$54,827.50	.....
1840	.....	.....	$152,000	.....	65,500.00	.....	.....	427,550	$106,300	117,500.00	46,750.00	.....
1841	.....	$25,000	41,750	.....	18,450.00	.....	.....	200,500	113,000	200,750.00	40,750.00	.....
1842	.....	274,000	82,000	.....	49,500.00	.....	.....	478,500	192,250	202,000.00	17,500.00	.....
1843	.....	1,751,620	505,375	.....	920,005.00	.....	.....	1,134,000	242,000	15,000.00	.....	.....
1844	.....	1,187,000	1,823,000	.....	.....	.....	.....	1,002,500	185,000	.....	11,000.00	.....
1845	.....	475,000	205,000	.....	.....	.....	.....	1,047,000	.....	23,000.00	.....	.....
1846	.....	817,800	290,000	.....	165,000.00	.....	$59,000	1,152,000	.....	.....	.....	.....
1847	.....	5,715,000	60,000	.....	310,000.00	.....	.....	1,292,000	92,000	.....	.....	.....
1848	.....	358,500	.....	.....	.....	.....	.....	1,590,000	.....	.....	30,000.00	.....
1849	.....	239,000	.....	.....	.....	$215,000	.....	1,155,000	.....	30,000.00	7,000.00	.....
1850	$2,820,000	575,000	.....	.....	210,000.00	14,000	40,000	1,228,000	103,000	51,000.00	34,500.00	.....
1851	6,300,000	2,630,000	205,000	.....	370,000.00	290,000	.....	201,000	22,000	40,000.00	43,000.00	$21,600
1852	3,800,000	180,000	.....	.....	350,000.00	140,000	.....	72,000	24,000	43,000.00	13,000.00	.....
1853	1,420,000	510,000	.....	.....	.....	290,000	.....	664,000	333,000	110,000.00	118,000.00	.....
1854	65,000	525,000	230,000	$72,000	382,500.00	.....	.....	2,620,000	371,000	177,000.00	78,000.00	.....
1855	160,000	180,000	55,500	.....	.....	55,000	.....	1,844,000	44,000	.....	30,000.00	.....
1856	45,000	145,000	50,000	.....	52,750.00	.....	.....	1,329,000	242,000	118,000.00	55,000.00	.....
1857	600,000	55,000	65,000	.....	85,000.00	.....	.....	409,000	295,000	154,000.00	69,000.00	.....
1858	705,000	200,000	.....	.....	.....	.....	.....	3,647,000	130,000	29,000.00	83,000.00	.....
1859	182,000	23,000	.....	.....	.....	.....	360,000	1,417,000	65,000	48,000.00	28,000.00	.....
1860	132,000	111,000	.....	.....	.....	.....	515,000	645,000	97,000	4,000.00	53,000.00	.....
1861	100,000	.....	.....	.....	.....	.....	.....	165,000	.....	.....	.....	.....
1879	46,500	15,000	.....	.....	.....	.....	2,887,000	.....	.....	.....	.....	.....
1880	.....	92,000	.....	.....	.....	.....	5,305,000	.....	.....	.....	.....	.....
1881	.....	83,500	.....	.....	.....	.....	5,708,000	.....	.....	.....	.....	.....
1882	.....	108,200	.....	.....	.....	.....	6,090,000	.....	.....	.....	.....	.....
1883	.....	8,000	.....	.....	.....	.....	8,725,000	.....	.....	.....	.....	.....
1884	.....	.....	.....	.....	.....	.....	9,730,000	.....	.....	.....	.....	.....
1885	.....	.....	.....	.....	.....	.....	9,185,000	.....	.....	.....	.....	.....
1886	.....	.....	.....	.....	.....	.....	10,710,000	.....	.....	.....	.....	.....
1887	.....	.....	.....	.....	.....	.....	11,550,000	.....	.....	.....	.....	.....
1888	.....	213,350	.....	.....	.....	.....	12,150,000	.....	.....	.....	.....	.....
1889	.....	.....	.....	.....	.....	.....	11,875,000	.....	.....	.....	.....	.....
1890	.....	.....	.....	.....	.....	.....	10,701,000	.....	.....	.....	.....	.....
1891	.....	.....	.....	.....	.....	.....	7,954,529	.....	17,000	454,000.00	.....	.....
1892	.....	286,880	50,000	.....	.....	.....	2,744,000	195,000	660,000	384,170.00	.....	.....
1893	.....	170,000	550,000	.....	.....	.....	300,000	694,500	849,000	176,000.00	.....	.....
1894	.....	1,075,000	83,000	.....	.....	.....	1,723,000	1,069,000	713,000	72,000.00	.....	.....
1895	.....	980,000	.....	.....	.....	.....	450,000	883,000	704,000	44,000.00	.....	.....
1896	.....	.....	.....	.....	.....	.....	4,900,000	462,000	371,000	61,000.00	.....	.....
1897	.....	425,000	.....	.....	.....	.....	4,004,000	316,000	353,700	66,600.00	.....	.....
1898	.....	.....	.....	.....	.....	.....	4,440,000	437,000	467,000	213,000.00	.....	.....
1899	.....	370,470	.....	.....	.....	.....	12,290,000	862,000	661,000	265,000.00	.....	.....
1900	.....	.....	.....	.....	.....	.....	12,590,000	1,372,000	854,000	201,000.00	.....	.....

XVI.--Annual gold and silver coinage, New Orleans Mint--Continued

Calendar year	Gold						Silver					
	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1901	.....	$720,410	.....	.....	.....	.....	$13,320,000	$562,000	$403,000	$562,000.00	.....	.....
1902	.....	.....	.....	.....	.....	.....	8,636,000	1,263,000	1,187,000	450,000.00	.....	.....
1903	.....	1,127,710	.....	.....	.....	.....	4,450,000	1,050,000	875,000	818,000.00	.....	.....
1904	.....	1,089,500	.....	.....	.....	.....	3,720,000	558,800	614,000	.....	.....	.....
1905	.....	.....	.....	.....	.....	.....	.....	252,500	307,500	340,000.00	.....	.....
1906	.....	868,950	.....	.....	.....	.....	.....	1,223,000	514,000	261,000.00	.....	.....
1907	.....	.....	.....	.....	.....	.....	.....	1,973,300	1,140,000	505,800.00	.....	.....
1908	.....	.....	.....	.....	.....	.....	.....	2,680,000	1,561,000	178,900.00	.....	.....
1909	.....	.....	171,000	.....	.....	.....	.....	462,700	178,000	228,700.00	.....	.....
Total	16,375,500	23,610,890	4,618,625	72,000	3,023,157.50	1,004,000	187,111,529	40,117,338	15,085,750	6,807,990.60	812,327.50	21,600

XVII. --Annual gold and silver coinage, Carson City Mint

Calendar year	Gold			Silver					
	Double eagles	Eagles	Half eagles	Dollars	Trade dollars	Half dollars	Quarter dollars	Twenty cents	Dimes
1870	$75,780	$59,080	$38,375	$12,462	.....	$27,308.50	$2,085.00	.....	.....
1871	293,740	71,850	103,850	1,376	.....	69,975.00	2,722.50	.....	$2,010.00
1872	593,000	55,000	84,900	3,150	.....	136,000.00	2,275.00	.....	2,400.00
1873	448,200	45,430	37,080	2,300	$124,500	168,530.00	4,115.50	.....	3,119.10
1874	2,301,700	167,670	105,990	.....	1,373,200	29,500.00	.....	.....	1,081.70
1875	2,223,020	77,150	59,140	.....	1,573,700	504,000.00	35,000.00	$26,658	464,500.00
1876	2,768,820	46,960	34,435	.....	509,000	978,000.00	1,236,000.00	2,000	827,000.00
1877	851,300	33,320	43,400	.....	534,000	710,000.00	1,048,000.00	.....	770,000.00
1878	263,600	32,440	45,270	2,212,000	97,000	31,000.00	249,000.00	.....	20,000.00
1879	214,160	17,620	86,405	756,000	.....	.....	.....	.....	.....
1880	.....	111,900	255,085	591,000	.....	.....	.....	.....	.....
1881	.....	240,150	69,430	296,000	.....	.....	.....	.....	.....
1882	782,800	67,640	414,085	1,133,000	.....	.....	.....	.....	.....
1883	1,199,240	120,000	64,790	1,204,000	.....	.....	.....	.....	.....
1884	1,622,780	99,250	82,010	1,136,000	.....	.....	.....	.....	.....
1885	189,000	.....	.....	228,000	.....	.....	.....	.....	.....
1886-1888	.....	.....	.....	.....	.....	.....	.....	.....	.....
1889	618,900	.....	.....	350,000	.....	.....	.....	.....	.....
1890	1,824,180	175,000	269,000	2,309,041	.....	.....	.....	.....	.....
1891	100,000	1,037,320	1,040,000	1,618,000	.....	.....	.....	.....	.....
1892	545,300	400,000	414,840	1,352,000	.....	.....	.....	.....	.....
1893	368,040	140,000	300,000	677,000	.....	.....	.....	.....	.....
Total	17,283,560	2,997,780	3,548,085	13,881,329	4,211,400	2,654,313.50	2,579,198.00	28,658	2,090,110.80

XVIII. --Annual gold coinage, Charlotte Mint

Calendar year	Gold		
	Half eagles	Quarter eagles	Dollars
1838	$64,565	$19,770.00	.....
1839	117,335	45,432.50	.....
1840	95,140	32,095.00	.....
1841	107,555	25,742.50	.....
1842	137,400	16,842.50	.....
1843	221,765	65,240.00	.....
1844	118,155	29,055.00	.....
1845	.....	.....	.....
1846	64,975	12,020.00	.....
1847	420,755	58,065.00	.....
1848	322,360	41,970.00	.....
1849	324,115	25,550.00	$11,634
1850	317,955	22,870.00	6,966
1851	245,880	37,307.50	41,267
1852	362,870	24,430.00	9,434
1853	327,855	.....	11,515
1854	196,455	18,237.50	4
1855	198,940	9,192.50	9,803
1856	142,285	19,782.50	.....
1857	156,800	.....	13,280
1858	194,280	22,640.00	.....
1859	159,235	.....	5,235
1860	74,065	18,672.50	.....
1861	34,395	.....	.....
Total	4,405,135	544,915.00	109,138

XIX. --Annual gold coinage, Dahlonega Mint

Calendar year	Gold			
	Half eagles	3 dollars	Quarter eagles	Dollars
1838	$102,915	.....	.....	.....
1839	94,695	.....	$34,185.00	.....
1840	114,480	.....	8,830.00	.....
1841	152,475	.....	10,410.00	.....
1842	298,040	.....	11,607.50	.....
1843	492,260	.....	90,522.50	.....
1844	444,910	.....	43,330.00	.....
1845	453,145	.....	48,650.00	.....
1846	401,470	.....	48,257.50	.....
1847	322,025	.....	39,460.00	.....
1848	237,325	.....	34,427.50	.....
1849	195,180	.....	27,362.50	$21,588
1850	219,750	.....	30,370.00	8,382
1851	313,550	.....	28,160.00	9,882
1852	457,260	.....	10,195.00	6,360
1853	448,390	.....	7,945.00	6,583
1854	282,065	$3,360	4,400.00	2,935
1855	112,160	.....	2,807.50	1,811
1856	98,930	.....	2,185.00	1,460
1857	85,230	.....	5,910.00	3,533
1858	76,810	.....	.....	3,477
1859	51,830	.....	5,610.00	4,952
1860	73,175	.....	.....	1,566
1861	7,985	.....	.....	.....
Total	5,536,055	3,360	494,625.00	72,529

XX. --Annual commemorative coinage

[See table II for authorizing acts, standard weights and finenesses. All commemorative coins listed below are silver except as otherwise indicated in Denomination column]

Calendar year	Commemorative coin	Denomination	Coinage mint	Number coined
1892	Columbian Exposition	Half dollar	Philadelphia	950,000
1893	....do	....do	....do	4,052,105
1893	....do	Quarter dollar	....do	40,023
1900	Lafayette	Dollar	....do	50,026
1902	Louisiana Purchase Exposition	Dollar (gold)	....do	75,080
1903	....do	....do	....do	175,178
1904	Lewis and Clark Exposition	....do	....do	25,028
1905	....do	....do	....do	35,041
1915	Panama-Pacific International Exposition	50 dollars (gold)	San Francisco	[1] 1,509
1915	....do	....do	....do	[2] 1,510
1915	....do	Quarter eagle (gold)	....do	10,017
1915	....do	Dollar (gold)	....do	25,034
1915	....do	Half dollar	....do	60,030
1916	McKinley Memorial	Dollar (gold)	Philadelphia	20,026
1917	....do	....do	....do	10,014
1918	Illinois Centennial	Half dollar	....do	100,058
1920	Maine Centennial	....do	....do	50,028
1920	Landing of the Pilgrims, Tercentennial	....do	....do	200,112
1921	....do	....do	....do	100,053
1921	Missouri Centennial	....do	....do	50,028
1921	Alabama Centennial	....do	....do	70,044
1922	Grant Memorial	Dollar (gold)	....do	10,016
1922	....do	Half dollar	....do	100,061
1923	Monroe Doctrine Centennial	....do	San Francisco	274,077
1924	Hugenot-Walloon Tercentenary	....do	Philadelphia	142,080
1925	Stone Mountain	....do	....do	2,314,709
1925	Battle Lexington-Concord	....do	....do	162,099
1925	California Diamond Jubilee	....do	San Francisco	150,200
1925	Fort Vancouver	....do	....do	50,028
1926	Signing of Declaration of Independence, Sesquicentennial.	Quarter eagle (gold)	Philadelphia	200,226
1926	....do	Half dollar	....do	1,000,528
1926	Oregon Trail	....do	....do	48,030
1926	....do	....do	San Francisco	100,055
1927	Battle of Bennington	....do	....do	40,034
1928	Oregon Trail	....do	....do	50,028
1928	Hawaiian Discovery	....do	....do	10,008
1933	Oregon Trail	....do	Denver	5,250
1934	....do	....do	....do	7,006
1934	Texas Centennial	....do	Philadelphia	205,113
1934	Daniel Boone Bicentennial	....do	....do	10,007
1934	Maryland Tercentennial	....do	....do	25,015
1935	Arkansas Centennial	....do	....do	13,012
1935	....do	....do	San Francisco	5,506
1935	....do	....do	Denver	5,505
1935	Daniel Boone Bicentennial	....do	Philadelphia	20,018
1935	....do	....do	San Francisco	7,009
1935	....do	....do	Denver	7,008
1935	Connecticut Tercentennial	....do	Philadelphia	25,018
1935	City of Hudson, N. Y.	....do	....do	10,008
1935	Old Spanish Trail	....do	....do	10,008
1935	Texas Centennial	....do	....do	10,008
1935	....do	....do	San Francisco	10,008
1935	....do	....do	Denver	10,007
1935	California-Pacific Exposition, San Diego	....do	San Francisco	250,132
1936	Albany, N. Y., two hundred and fiftieth anniversary.	....do	Philadelphia	25,013
1936	Arkansas Centennial	....do	....do	10,010
1936	....do	....do	San Francisco	10,012
1936	....do	....do	Denver	10,010
1936	San Francisco-Oakland Bay Bridge	....do	San Francisco	100,055
1936	Bridgeport, Conn., Centennial	....do	Philadelphia	25,015
1936	California-Pacific Exposition, San Diego	....do	Denver	180,092
1936	Cincinnati Music Center	....do	Philadelphia	5,005
1936	....do	....do	San Francisco	5,006
1936	....do	....do	Denver	5,005
1936	Great Lakes Exposition, Cleveland, Centennial	....do	Philadelphia	25,015

[1] Octagonal.
[2] Round.

XX. --Annual commemorative coinage--Continued

Calendar year	Commemorative coin	Denomination	Coinage mint	Number coined
1936	Columbia, S. C., Sesquicentennial	Half dollar	Philadelphia	9,007
1936	....do	....do	San Francisco	8,007
1936	....do	....do	Denver	8,009
1936	Daniel Boone Bicentennial	....do	Philadelphia	12,012
1936	....do	....do	San Francisco	5,006
1936	....do	....do	Denver	5,005
1936	Elgin, Ill., Centennial	....do	Philadelphia	25,015
1936	Long Island Tercentennial	....do	....do	100,053
1936	Lynchburg, Va., Sesquicentennial	....do	....do	20,013
1936	Oregon Trail	....do	....do	10,006
1936	....do	....do	San Francisco	5,006
1936	Providence, R. I., Tercentennial	....do	Philadelphia	20,013
1936	....do	....do	San Francisco	15,011
1936	....do	....do	Denver	15,010
1936	Texas Centennial	....do	Philadelphia	10,008
1936	....do	....do	San Francisco	10,008
1936	....do	....do	Denver	10,007
1936	Wisconsin Centennial	....do	Philadelphia	25,015
1936	York County, Maine, Tercentennial	....do	....do	25,015
1937	Battle of Antietam, seventy-fifth anniversary	....do	....do	50,028
1937	Arkansas Centennial	....do	....do	30,770
1937	....do	....do	San Francisco	5,506
1937	....do	....do	Denver	5,505
1937	Great Lakes Exposition, Cleveland Centennial.	....do	Philadelphia	25,015
1937	Daniel Boone Bicentennial	....do	....do	15,010
1937	....do	....do	San Francisco	5,006
1937	....do	....do	Denver	7,506
1937	Battle of Gettysburg, seventy-fifth anniversary.	....do	Philadelphia	50,028
1937	New Rochelle, N.Y., two hundred and fifieth anniversary.	....do	....do	25,015
1937	Norfolk, Va., Tercentennial of land grant and bicentennial of city.	....do	....do	25,013
1937	Oregon Trail	....do	Denver	12,008
1937	Roanoke Island, N. C., three hundred and fiftieth anniversary.	....do	Philadelphia	50,030
1937	Swedes' Landing in Delaware, Tercentennial	....do	....do	25,015
1937	Texas Centennial	....do	....do	8,005
1937	....do	....do	San Francisco	8,007
1937	....do	....do	Denver	8,006
1938	Arkansas Centennial	....do	Philadelphia	6,006
1938	....do	....do	San Francisco	6,006
1938	....do	....do	Denver	6,005
1938	Daniel Boone Bicentennial	....do	Philadelphia	5,005
1938	....do	....do	San Francisco	5,006
1938	....do	....do	Denver	5,005
1938	Oregon Trail	....do	Philadelphia	6,006
1938	....do	....do	San Francisco	6,006
1938	....do	....do	Denver	6,005
1938	Texas Centennial	....do	Philadelphia	5,005
1938	....do	....do	San Francisco	5,006
1938	....do	....do	Denver	5,005
1939	Arkansas Centennial	....do	Philadelphia	2,104
1939	....do	....do	San Francisco	2,105
1939	....do	....do	Denver	2,104
1939	Oregon Trail	....do	Philadelphia	3,004
1939	....do	....do	San Francisco	3,005
1939	....do	....do	Denver	3,004
1946	Iowa Centennial	....do	Philadelphia	100,057
1946	Booker T. Washington	....do	....do	1,000,546
1946	....do	....do	San Francisco	500,279
1946	....do	....do	Denver	200,113
1947	....do	....do	Philadelphia	100,017
1947	....do	....do	San Francisco	100,017
1947	....do	....do	Denver	100,017
1948	....do	....do	Philadelphia	20,005
1948	....do	....do	San Francisco	20,005
1948	....do	....do	Denver	20,005
1949	....do	....do	Philadelphia	12,004
1949	....do	....do	San Francisco	12,004
1949	....do	....do	Denver	12,004
1950	....do	....do	Philadelphia	12,004
1950	....do	....do	San Francisco	512,091
1950	....do	....do	Denver	12,004

XX. --Annual commemorative coinage--Continued

Calendar year	Commemorative coin	Denomination	Coinage mint	Number coined
	Booker T. Washington--Continued			
1951	....do	....do	Philadelphia..	510,082
1951	....do	....do	San Francisco.	12,004
1951	....do	....do	Denver	12,004
1951	Booker T. Washington-George Washington Carver	....do	Philadelphia..	110,018
1951	....do	....do	San Francisco.	10,004
1951	....do	....do	Denver	10,004
1952	....do	....do	Philadelphia..	2,006,292
1952	....do	....do	San Francisco.	8,006
1952	....do	....do	Denver	8,006
1953	....do	....do	Philadelphia..	8,003
1953	....do	....do	San Francisco.	108,020
1953	....do	....do	Denver	8,003
1954	....do	....do	Philadelphia..	12,006
1954	....do	....do	San Francisco.	122,024
1954	....do	....do	Denver	12,006
	Total			18,252,744

REPORT OF THE DIRECTOR OF THE MINT ON THE WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND COINS

Report of the Director of the United States Mint on the World's Monetary Stocks of Gold, Silver, and Coins

Authoritative information on foreign coinage systems, monetary gold and silver, and related subjects is secured directly from foreign governments by the Director of the United States Mint by means of Interrogatories sent yearly through the Department of State to United States foreign service officers stationed abroad.

In general, information submitted on the Interrogatories is published herein as received, with the addition of equivalents. World production of gold and silver are compilations of the Bureau of Mines, United States Department of the Interior.

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Coinage mints of the world

[So far as reported to the Director of the United States Mint]

Country	Name of mint	Location
United States.....	Office of Director of the Mint.....	Treasury Department, Washington 25, D.C.
Do.....	Philadelphia Mint.....	16th and Spring Garden Sts., Philadelphia, Pennsylvania.
Do.....	Denver Mint..	Colfax and Delaware Sts., Denver, Colorado.
Do.....	San Francisco Mint.....	Buchanan St. and Duboce Ave., San Francisco, California.
Afghanistan.....	Royal Afghan Mint.....	Kabul.
Argentina.....	Casa de Moneda de la Nacion.....	Avenida Wilson, Puerto Nuevo, Buenos Aires.
Australia.....	Royal Mint, Melbourne Branch.....	Melbourne, C. 1, Victoria.
Do.....	Royal Mint, Perth Branch.....	Perth, Western Australia.
Austria.....	Osterreichisches Hauptmünzamt.....	Vienna III, Am Heumarkt 1.
Belgium.....	Administration des Monnaies.....	95, Rue Hotel des Monnaies, 95 Bruxelles.
Bolivia.....	Casa Nacional Moneda de Potosi.....	Potosi.
Brasil.....	Casa da Moeda.....	Praca da Republica, 173, Rio de Janeiro.
Canada.....	Royal Canadian Mint.....	Ottawa, Ontario.
Chile.....	Casa de Moneda y Especies Valoradas.....	Quinta Normal, Santiago.
Colombia.....	Casa de Moneda. Bogota Mint acquired properties of Medellin Mint from Dept. of Antioquia, authorized by Decree No. 2657 of Oct. 10, 1953.	Calle 11, No. 4-93, Bogota.
Denmark.....	Den Kongelige Mont.....	Amagerboulevard 115, Copenhagen, S.
Egypt.....	Minting House.....	Abbassia, Cairo (operations commencing on July 23, 1954).
Finland.....	Suomen Rahapaja Myntverket.....	Kanavakatu 4, Helsinki.
France.....	Commission de Controle de la Circulation Monetaire:	
Do.....	Monnaie de Paris.....	11, Quai Conti, Paris 6.
Do.....	Monnaie de Beaumont-le-Roger.....	Department of Eure.
Germany.....	Bayerisches Hauptmünzamt.....	München, Hofgraben 4.
Do.....	Württembergisches Münzamt.....	Stuttgart, Neckarstrasse 19.
Do.....	Badische Münzverwaltung.....	Karlsruhe, Stephanienstrasse 28.
Do.....	Hamburgische Münze.....	Hamburg-Altona, Goldbachstrasse 9.
Guatemala.....	Casa Nacional de Moneda. Government mint transferred from Ministry of Finance to Bank of Guatemala by Decree No. 6, effective July 2, 1954.	6a. Calle No. 4-28, Guatemala City.
India.....	Indian Government Mint.....	Bombay.
Do.....	....do.....	Alipore (Suburb of Calcutta).
Do.....	Hyderabad Mint.....	Hyderabad (Deccan). (Under jurisdiction of Government of India from April 1, 1950).
Iran.....	Tehran Mint.....	Tehran.
Italy.....	La Zecca.....	Via Principe Umberto, 4, Rome.
Japan.....	Mint Bureau.....	1 Shinkawasakicho, Kita-ku, Osaka City.
Do.....	Tokyo Branch.....	3277, 1 chome, Nishisugamo, Toshimaku, Tokyo-to, Tokyo.
Do.....	Hiroshima Branch.....	Itsumachi, Saheki-gun, Hiroshima Prefecture.
Do.....	Kumamoto Sub-branch.....	Shirominami, Sendanbata-cho Kumamoto City, Kumamoto Prefecture.
Mexico.....	Casa de Moneda.....	Calle del Apartado No. 13, Mexico, D. F.
Nepal.....	His Majesty's Mint.....	Sundhara Kathmandu.
Netherlands.....	's Rijks Munt.....	Utrecht, Leidseweg 90.
Norway.....	Den Kongelige Norse Mynt.....	Kongsberg.
Pakistan.....	Pakistan Mint.....	Baghban Pura, Lahore (Punjab).
Peru.....	Casa Nacional de Moneda.....	Jiron Junin, 791 Lima. (Operated by Banco Central de Reserva del Peru.)
Portugal.....	Casa da Moeda.....	Avenida Dr. Antonio Jose de Almeida, Libeon.
Spain.....	Fabrica Nacional de Moneda y Timbre.	Plaza de Colon, 4, Madrid.
Sweden.....	Kungl. Mynt-och justeringsverkst.....	Hantverkargatan 5, Postbox 16285, Stockholm 16.
Switzerland.....	Swiss Federal Mint.....	Bernastrasse 28, Bern.
Do.....	Huguenin Freres and Co. (Private mint)...	Le Lode.
Taiwan.....	Central Mint of China.....	Taipei.
Thailand (Siam)....	Royal Mint.....	No. 4 Chao Fah Road, Bangkok.
Turkey.....	Darphane ve Damga Matbassi Müdürlüğü (Directorate of Mint and Printing House).	Istanbul.
Union of South Africa.	South African Mint.....	P.O. Box 464, 103 Visagie St., Pretoria.
United Kingdom.....	Royal Mint.....	London, E. C. 3, England. (See also Australia).
Do.....	Messrs. The Mint, Birmingham, Ltd. (Private mint.)	Birmingham 18, England.
Do.....	Messrs. Imperial Chemical Industries, Ltd. (Private mint).	Witton, Birmingham 6, England.

Coinage of nations during the year ended Dec. 31, 1953

UNITED STATES

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Half dollars	12.5	30.6	900 silver, 100 copper	27,968,346
Quarter dollars	6.25	24.3	....do	88,773,320
Dimes	2.5	17.9	....do	229,231,920
5 cents	5	21.2	75 copper, 25 nickel	125,862,300
1 cent	3.11	19.1	95 copper, 5 zinc and tin	1,139,233,800
Total	.....	.....	.....	1,611,090,686

ALGERIA

100 francs	12	30	75 copper, 25 nickel	3,483,200

ARGENTINA

50 centavos	5	23	Steel core 90 percent by weight with pure nickel cladding 5 percent each side.	75,100,000
20 centavos	4	21	Steel core 90 percent by weight with cladding 5 percent each side of cupro-nickel alloy of 75 percent copper and 25 percent nickel	47,400,000
10 centavos	3	19	....do	106,600,000
5 centavos	2	17	....do	58,800,000
Total	.....	.....	.....	287,900,000

AUSTRIA

5 schillings	4	31	98.5 aluminum, 1.5 magnesium	16,992,000
1 schilling	2	25	....do	572,000
50 groschen	1.4	22	....do	1,634,000
20 groschen	4.5	22	91.5 copper, 8.5 aluminum	2,706,000
10 groschen	1.1	20	98.5 aluminum, 1.5 magnesium	8,743,000
5 groschen	2.5	19	Zinc	5,661,000
2 groschen	.9	18	98.5 aluminum, 1.5 magnesium	11,879,000
Total	.....	.....	.....	48,187,000

BOLIVIA

5 bolivianos	5	23	95.5 copper, 3 tin, 1.5 zinc	1,500,000

BRAZIL

2 cruzeiros	8	25	90 copper, 8 aluminum, 2 zinc	3,582,000
1 cruzeiro	7	23	....do	5,195,000
50 centavos	5	21	....do	17,372,000
20 centavos	4	19	....do	25,585,000
10 centavos	3	17	....do	25,883,000
Total	.....	.....	.....	77,617,000

BRITISH EAST AFRICA

Shilling	7.77587	27.7	75 copper, 25 nickel	14,725,474
10 cents*	9.44963	30.9	95.5 copper, 3 tin, 1.5 zinc	5,200,000
5 cents*	5.66991	25.5	....do	3,000,000
1 cent*	1.94397	20.2	....do	7,000,000
Total	.....	.....	.....	29,925,474

*Perforated.

Coinage of nations during the year ended Dec. 31, 1953--Continued

BRITISH WEST AFRICA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Shilling	5.655	23.6	79 copper, 20 zinc, 1 nickel	14,400,000
Sixpence	3.49914	19.4	....do	2,544,000
Penny*	9.44963	30.9	95.5 copper, 3 tin, 1.5 zinc	5,262,400
Halfpenny*	5.66991	25.5	....do	9,547,200
Tenthpenny*	1.94397	20.2	....do	15,050,400
Total				46,804,000

*Perforated.

BURMA

Rupee	11.66381	30.5	75 copper, 25 nickel	2,500,000
50 pyas	7.77587	26	....do	2,500,000
25 pyas (a)	6.80389	24	....do	13,540,000
10 pyas	4.53592	(b)	....do	28,500,000
5 pyas (a)	3.23995	19.5	....do	23,800,000
1 pya	2.26796	18	95.5 copper, 3 tin, 1.5 zinc	1,000,000
Total				71,840,000

(a) Scalloped.
(b) Square coin, 19.8 mm. across flats, 23.4 mm. diagonally.

CAMBODIA

50/100 de piastre	3.5	31	95 aluminum, 5 magnesium	2,000,000

CANADA

1 dollar	23.3276	36	800 silver, 200 copper	1,074,578
50 cents	11.6638	29.6	....do	1,630,429
25 cents	5.8319	23.6	....do	10,456,769
10 cents	2.3328	17.8	....do	17,706,395
5 cents	4.5359	21.2 to 21.3	Steel chrome plated	16,635,552
1 cent	3.2399	19.1	98 copper, 1.5 zinc, 0.5 tin	67,806,016
Total				115,309,739

COLOMBIA

20 centavos	5	23	300 silver, 700 bronze	8,494,490
10 centavos	2 1/2	18	75 copper, 25 nickel	6,985,000
5 centavos	4	21	95 copper, 5 nickel	5,180,000
1 centavo	2	17	Steel, copper-nickel plated	12,000
Total				20,671,490

COSTA RICA

10 centimos	1.75	18	Chromium stainless steel	5,290,000
5 centimos	.875	15	....do	9,040,000
Total				14,330,000

CUBA

1 peso	26.7295	38.1	900 silver, 100 copper	1,000,000
50 centavos	12.5	30.6	....do	2,000,000
25 centavos	6.25	24.3	....do	19,000,000
20 centavos	5	23.3	....do	2,000,000
1 centavo	2.3	16.8	70 copper, 30 zinc	50,000,000
Total				74,000,000

Coinage of nations during the year ended Dec. 31, 1953--Continued

DENMARK

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
2 kroner	13	31.5	92 copper, 6 aluminum, 2 nickel	1,112,336
1 krone	6.5	25.5	....do	1,757,339
25 ører	4.5	23	75 copper, 25 nickel	6,220,901
10 ører	3	18	....do	10,284,202
5 ører	6.4	27	Zinc	5,806,234
2 ører	3.2	21	....do	8,112,006
1 ører	1.6	16	....do	11,993,826
Total	.....	.....	.....	45,286,844

DOMINICAN REPUBLIC

10 centavos	2.5	17.9	900 silver, 100 copper	750,000

EL SALVADOR

10 centavos	7	26	70 copper, 18 zinc, 12 nickel	1,664,000
5 centavos	5	23	....do	2,000,000
1 centavo	2.5	16	95 copper, 5 zinc	10,000,000
Total	.....	.....	.....	13,664,000

ETHIOPIA

25 cents	6.8039	26	95 copper, 5 zinc	28,701,000
10 cents	6.0911	23	....do	25,000,000
5 cents	4.0175	20	....do	34,888,000
Total	.....	.....	.....	88,589,000

FIJI

Sixpence	2.82782	19.4	75 copper, 25 nickel	800,000
Penny	6.47989	26	....do	115,200
Halfpenny	3.23995	21	....do	144,000
Total	.....	.....	.....	1,059,200

FINLAND

50 markkaa	5.5	25	93 copper, 5 aluminum, 2 nickel	10,308,000
20 markkaa	4.5	22.5	....do	2,883,000
10 markkaa	3	20	....do	22,650,000
5 markkaa	2.55	18	Iron	9,772,000
1 markka	1.15	16	....do	28,568,000
Total	.....	.....	.....	74,181,000

FRANCE

50 francs	8	27	91 copper, 9 aluminum	86,547,368
20 francs	4	23.5	....do	100,931,050
10 francs	3	20	....do	82,737,856
Total	.....	.....	.....	270,216,274

FRENCH MOROCCO

200 francs	8	27	720 silver, 280 copper	969,580
100 francs	4	22	....do	15,000,070
2 francs	1.2	22	95 aluminum, 5 magnesium	10,000,000
Total	.....	.....	.....	25,969,650

Coinage of nations during the year ended Dec. 31, 1953--Continued

GERMANY, FEDERAL REPUBLIC

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
5 Deutschemark	11.2	29	625 silver, 375 copper	14,579,190
2 Deutschemark	7	25.5	75 copper, 25 nickel	31,852
1 Deutschemark	5.5	23.5	....do	22,643,355
50 pfennig	3.5	20	....do	74,289
10 pfennig	4	21.5	Iron center with tombak plating on each side.	11,790,822
5 pfennig	3	18.5	....do	81,204,423
2 pfennig	3.25	19.25	95 copper, 4 tin, 1 zinc	51,969
1 pfennig	2	16.5	Iron center with copper plating on each side.	186,785,632
Total	.....	.....	.....	317,161,532

GUATEMALA

10 centavos	3 1/3	21	720 silver, 280 copper	338,196
5 centavos	1 2/3	16	....do	446,514
1 centavo	3	21	70 copper, 30 zinc	2,214,478
Total	.....	.....	.....	2,999,188

HAITI

10 centimes	4	22.7	70 copper, 18 zinc, 12 nickel	1,500,000
5 centimes	2.75	19.9	....do	3,000,000
Total	.....	.....	.....	4,500,000

ICELAND

10 aurar	1.5	15	75 copper, 25 nickel	4,000,000
1 eyrir	1.6	15	95.5 copper, 3 tin, 1.5 zinc	4,000,000
Total	.....	.....	.....	8,000,000

INDIA

National coinage				
1 anna	3.888	(a)	75 copper, 25 nickel	1,400,000
1/2 anna	2.916	(b)	....do	10,000,000
Single pice	2.916	21.3	97 copper, 2.5 zinc, 0.5 tin	242,358,400
Total	.....	.....	.....	253,758,400
Hyderabad State coinage				
1 anna	3.726	.....	95 copper, 4 tin, 1 zinc	772,000
2 pies	1.164	.....	....do	2,664,000
Total	.....	.....	.....	3,436,000

(a) Scalloped edge, 21 mm. maximum, 19.8 mm. minimum.
(b) Square coin with round corners, 17.4 mm. across sides, 19.8 mm. diagonally.

IRAN (Mar. 21, 1953)

5 rials	7	26	75 copper, 25 nickel	3,660,000
2 rials	4	22.5	....do	5,335,000
1 rial	2	18.5	....do	4,735,000
Total*	.....	.....	.....	13,730,000

*In addition, 4,081,000 rials face value of small denomination coins composed of 91.5% copper and 8.5% aluminum were manufactured. Further details not available.

Coinage of nations during the year ended Dec. 31, 1953--Continued

IRAQ

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
100 fils	10	29	900 silver, 100 copper	200,000
50 fils	9	26.5	500 silver, 400 copper, 50 nickel 50 zinc.	160,000
20 fils	3.6	20.5	....do	250,000
10 fils*	6.75	25	75 copper, 25 nickel	500,000
4 fils*	4	21	....do	1,250,000
2 fils	5	24	95.5 copper, 3 tin, 1.5 zinc	500,000
1 fil	2.5	19.5	....do	2,000,000
Total	.....	.....	.....	4,860,000

*Scalloped.

IRELAND

Sixpence	4.536	21	75 copper, 25 nickel	800,000
Threepence	3.24	17.7	....do	1,600,000
Halfpenny	5.67	25.5	95.5 copper, 3 tin, 1.5 zinc	2,400,000
Farthing	2.83	20.2	....do	192,000
Total	.....	.....	.....	4,992,000

ITALY

10 lire	1.6	23.3	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	151,500,000
5 lire	1	20.2	....do	196,200,000
2 lire	0.8	18.2	....do	4,125,000
1 lira	0.625	17.2	....do	2,800,000
Total	.....	.....	.....	354,625,000

JAMAICA

Penny	7.5	27	79 copper, 20 zinc, 1 nickel	1,200,000

JAPAN

10 yen	4.5	23.5	95 copper, 3 to 4 zinc, 1 to 2 tin	466,300,000
5 yen	3.75	(a)	60 to 70 copper, 30 to 40 zinc	45,000,000
Total	.....	.....	.....	511,300,000

(a) Round coin 22 mm. in diameter with hole in center 5 mm. diameter.

LAOS

50/100 de piastre	3.5	31	95 aluminum, 5 magnesium	1,400,000
20/100 de piastre	2.2	27	....do	3,000,000
10/100 de piastre	1.3	23	....do	2,000,000
Total	.....	.....	.....	6,400,000

LEBANON

50 piasters	5	24	600 silver, 400 copper	7,200,000
25 piasters	4	23.5	91 copper, 9 aluminum	7,200,000
Total	.....	.....	.....	14,400,000

MADAGASCAR

5 francs	3.5	31	95 aluminum, 5 magnesium	16,066,000
1 franc	1.3	23	....do	861,000
Total	.....	.....	.....	16,927,000

Coinage of nations during the year ended Dec. 31, 1953--Continued

MALAYA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
10 cents	2.83	19.4	75 copper, 25 nickel	7,238,710
5 cents	1.41	16.3	....do	7,400,436
Total	.....	.....	.....	14,639,146

MAURITIUS

2 cents	3.89	23.1	95.5 copper, 3 tin, 1.5 zinc	250,000
1 cent	1.94	17.8	....do	500,000
Total	.....	.....	.....	750,000

MEXICO

5 pesos	27-7/9	40	720 silver, 280 copper	21,376,200
1 peso	13-1/3	32	300 silver, 500 copper, 100 nickel, 100 zinc.	38,144,000
20 centavos	10	28.5	95 copper, 5 zinc	26,947,500
5 centavos	6.5	25.5	....do	31,568,000
1 centavo	2	16	85 copper, 15 zinc	21,160,000
Total	.....	.....	.....	139,195,700

MUSCAT

5 baizas	3.888	.....	75 copper, 25 nickel	37,000*

*Pieces, 0.37 lakhs.

NETHERLANDS

25 cents	3	19	Nickel	3,600,000
5 cents	3.5	21	95 copper, 4 zinc, 1 tin	12,000,000
1 cent	2	17	....do	54,000,000
Total	.....	.....	.....	69,600,000

NETHERLANDS ANTILLES (CURAÇAO)

1 guilder	10	28	720 silver, 280 copper	1,000,000
1 cent	2.5	19	95 copper, 4 zinc, 1 tin	1,000,000
Total	.....	.....	.....	2,000,000

NEW CALEDONIA

5 francs	3.5	31	95 aluminum, 5 magnesium	2,604,000
2 francs	2.2	27	....do	2,000,000
Total	.....	.....	.....	4,604,000

NEW ZEALAND

Crown	28.2759	38.7	75 copper, 25 nickel	250,000
Halfcrown	14.13795	32.3	....do	120,000
Florin	11.31036	28.5	....do	250,000
Shilling	5.65518	23.6	....do	200,000
Sixpence	2.82759	19.4	....do	1,200,000
Threepence	1.41379	16.3	....do	4,000,000
Penny	9.44984	30.9	95.5 copper, 3 tin, 1.5 zinc	2,400,000
Halfpenny	5.6699	25.5	....do	720,000
Total	.....	.....	.....	9,140,000

Coinage of nations during the year ended Dec. 31, 1953--Continued

NICARAGUA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 centavos	8	26	75 copper, 25 nickel	1,000,000
25 centavos	5	23	....do	1,000,000
10 centavos	4	20	....do	1,500,000
5 centavos	3	17	....do	2,000,000
Total				5,500,000

NORWAY

1 krone	7	25	75 copper, 25 nickel	500,000
50 øre	4.8	22	....do	2,370,000
25 øre	2.4	17	....do	2,320,000
10 øre	1.5	15	....do	7,700,000
5 øre	7	27	95 copper, 4 tin, 1 zinc	7,184,000
2 øre	3.5	21	....do	5,715,000
1 øre	1.74	16	....do	8,130,000
Total				33,919,000

PAKISTAN

2 annas (a)	5.8319	25.4 22.4	75 copper, 25 nickel	7,916,000
1 anna (b)	3.8879	20 18.5	....do	9,352,000
1/2 anna (a)	2.916	19.8 17.4	79 copper, 20 zinc, 1 nickel	3,124,000
Single pice (c)	2.3328	20.6	....do	35,289,614
Pie pieces	1.296	15.9	97 copper, 2.5 zinc, 0.5 tin	110,400
Total				55,792,014

(a) Square with round corners.
(b) Scalloped with 12 scallops.
(c) Round.

PANAMA, REPUBLIC

1 balboa	26.73	38	900 silver, 100 copper	50,000
0.50 balboa	12.50	30	....do	600,000
0.25 balboa	6.25	25	....do	1,200,000
0.10 balboa	2.50	18	....do	3,350,000
1 centesimo	3.11	19	95 copper, 5 zinc and tin	1,500,000
Total				6,700,000

PARAGUAY

50 centimos*	6.8	25	79 copper, 20 zinc, 1 nickel	3,000,000
25 centimos*	5.2	23	....do	1,000,000
15 centimos*	3.9	21	....do	3,900,000
10 centimos*	2.9	19	....do	2,600,000
Total				10,500,000

*Scalloped.

PERU

100 soles[1]	46.8071	37	900 gold, 100 copper	498
50 soles[1]	23.4035	30	....do	464
20 soles[1]	9.3614	25	....do	435
1 sol	14	33	70 copper, 30 zinc	1,142,500
1/2 sol	7.5	27	....do	817,000
20 centavos	3.8	24	....do	2,615,000
10 centavos	2.7	20	....do	5,668,000
5 centavos	1.87	17	....do	6,976,000
2 centavos	1.4	17	95 zinc, 5 copper	1,150,000
1 centavo	1.1	15	....do	3,260,000
Total				21,629,897

[1] Coined for private account.

Coinage of nations during the year ended Dec. 31, 1953--Continued

PORTUGAL

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 centavos	4.5	22.8	61 copper, 20 zinc, 19 nickel	2,369,004
20 centavos	3	20.5	95 copper, 3 zinc, 2 tin	9,426,200
10 centavos	2	17.5	....do	7,547,800
Total				19,343,004

PORTUGUESE EAST AFRICA, MOZAMBIQUE

2-1/2 escudos	3.5	20	75 copper, 25 nickel	6,008,000
1 escudo	8	26	95 copper, 3 zinc, 2 tin	2,013,150
50 centavos	4	20	....do	5,010,050
Total				13,031,200

PORTUGUESE WEST AFRICA, ANGOLA

2-1/2 escudos	3.5	20	75 copper, 25 nickel	6,000,150
1 escudo	8	26	95 copper, 3 zinc, 2 tin	1,011,150
50 centavos	4	20	....do	5,019,150
Total				12,030,450

PORTUGUESE WEST AFRICA, CAPE VERDE

10 escudos	5	24	720 silver, 280 copper	400,000
2-1/2 escudos	3.5	20	75 copper, 25 nickel	500,000
1 escudo	8	26	95 copper, 3 zinc, 2 tin	250,000
Total				1,150,000

SEYCHELLES

10 cents	6.156	(a)	75 copper, 20 zinc, 5 nickel	130,000

(a) 12-sided coin, 21.1 mm. across flats, 21.9 mm. diagonally.

SOUTHERN RHODESIA

Crown	28.2759	38.7	500 silver, 400 copper, 50 nickel, 50 zinc.	125,000

SWEDEN

2 kronor	14	31	400 silver, 500 copper, 50 nickel 50 zinc.	1,2 3,205
1 krona	7	25	....do	2,737,033
50 öre	4.8	22	....do	5,133,380
25 öre	2.32	17	....do	18,471,360
10 öre	1.44	15	....do	26,073,240
5 öre	8	27	95 copper, 4 tin, 1 zinc	11,770,540
2 öre	4	21	....do	14,911,600
1 öre	2	16	....do	20,770,800
Total				101,161,158

SWITZERLAND

5 francs	15	31	835 silver, 165 copper	3,403,450
2 francs	10	27	....do	437,950
1 franc	5	23	....do	786,000
50 centimes	2.5	18	....do	3,567,200
20 centimes	4	21	75 copper, 25 nickel	6,[illegible]50,000
10 centimes	3	19	....do	6,142,700
5 centimes	2	17	....do	9,131,000
2 centimes	3	20	95 copper, 4 tin, 1 zinc	2,006,700
1 centime	1.5	16	....do	5,947,300
Total				38,386,600

Coinage of nations during the year ended Dec. 31, 1953--Continued

TAIWAN (FORMOSA)

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 cents	5	.....	720 silver, 280 copper	13,214,000
20 cents	1.8	.....	Nickel	29,925,000
10 cents	1.5	.....	95 copper, 5 zinc	44,960,000
Total	.....	.....	.....	88,099,000

UNION OF SOUTH AFRICA

Pound	7.9881	22	916-2/3 gold, 83-1/3 copper	4,000
Half pound	3.994	1[illegible].5	....do	4,000
Crown	28.2759	39	500 silver, 480 copper, 20 manganese	263,000
Half crown	14.1379	32.2	....do	3,084,424
Florin	11.3104	28.6	....do	2,872,704
Shilling	5.6552	23.8	....do	2,676,979
Sixpence	2.8276	19.3	....do	3,976,416
Threepence	1.4138	16.3	....do	6,963,726
Penny	9.4498	30.9	95 copper, 4.5 zinc, 0.5 tin	7,510,3[illegible]5
Halfpenny	5.6699	25.5	....do	6,721,555
Farthing	2.835	20.2	....do	9,633,278
Total	.....	.....	.....	43,710,477

UNITED KINGDOM

Crown	28.275[illegible]	38.7	75 copper, 25 nickel	5,[illegible]62,621
Halfcrown	14.137[illegible]5	32.3	....do	3,612,844
Florin	11.31036	28.5	....do	11,525,185
Shilling	5.65518	23.6	....do	40,834,643
Shilling (a)	5.65518	23.6	....do	20,228,157
Sixpence	2.82759	19.4	....do	69,603,451
Threepence	6.80388	(b)	7[illegible] copper, 20 zinc, 1 nickel	45,773,200
Penny	9.44984	30.[illegible]	95.5 copper, 3 tin, 1.5 zinc	588,400
Halfpenny	5.66[illegible]	25.5	....do	17,766,000
Farthing	2.83495	20.2	....do	6,330,000
Maundy money				
Fourpence	1.89506	17.6	925 silver, 75 copper	1,078
Threepence	1.41379	16.3	....do	1,078
Twopence	.94253	13.4	....do	1,025
Penny	.47126	11.2	....do	1,050
Total	.....	.....	.....	222,228,732

(a) Scottish.
(b) 12-sided coin, 21.1 mm. across flats, 21.[illegible] mm. diagonally.

URUGUAY

10 cents	4.5	22	75 copper, 25 nickel	11,750,000
2 cents	2.5	17	....do	11,500,000
Total	.....	.....	.....	23,250,000

VATICAN CITY

10 lire	1.6	23.2	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	3,390,000
5 lire	1	20.2	....do	4,500,000
2 lire	0.8	18.2	....do	1,200,000
1 lira	0.625	17.2	....do	1,200,000
Total [a]	.....	.....	.....	10,290,000

[a] Does not include 1,000 gold pieces in denomination of 100 Vatican lire with gross weight of 5.1[illegible]66 grams, fineness 900/1000, and diameter of 20.7 mm. These are not minted for circulation.

Coinage of Chile during the year ended Dec. 31, 1952

(See previous year's Report for coinage of other nations in 1952)

Denomination	Gross weight in grams[1]	Diameter in millimeters	Composition	Number of pieces coined
1 peso	7.5	25	95.5 copper, 3 tin, 1.5 zinc	10,400,000
20 centavos	3	18	....do	15,500,000
Total	.....	.....	.....	25,900,000

[1] Total gross weight, 137.2 tons, including 131.1 tons copper, 4.1 tons tin, and 2 tons zinc.

Consumption of metals in the 1953 coinage of nations--in short tons

[Calculations based on data in Coinage of nations tables]

Country	Total gross weight	Gold	Silver	Nickel	Copper	Zinc	Tin	Aluminum	Magnesium	Manganese	Steel	Iron
United States	6,228.0	.....	1,465.9	173.4	4,393.4	[1] 195.3	.....	.....	.....	.....	.....	.....
Algeria	46.1	.....	.....	11.6	34.5	.....	.....	.....	.....	.....	.....	.....
Argentina	1,105.1	.....	.....	58.7	51.8	.....	.....	.....	.....	.....	994.6	.....
Austria	130.1	.....	.....	.....	12.3	15.6	.....	100.7	1.5	.....	.....	.....
Bolivia	8.3	.....	.....	.....	7.9	.1	0.3	.....	.....	.....	.....	.....
Brazil	365.8	.....	.....	.....	329.2	7.3	.....	29.3	.....	.....	.....	.....
British East Africa	214.1	.....	.....	31.6	178.6	1.3	2.6	.....	.....	.....	.....	.....
British West Africa	246.3	.....	.....	1.0	218.8	22.1	4.4	.....	.....	.....	.....	.....
Burma	385.1	.....	.....	95.6	289.4	(2)	.1	.....	.....	.....	.....	.....
Cambodia	7.7	.....	.....	.....	.....	.....	.....	7.3	.4	.....	.....	.....
Canada	486.7	.....	129.1	.....	269.6	3.6	1.2	.....	.....	.....	[3] 83.2	.....
Colombia	98.9	.....	14.0	6.0	68.9	.....	.....	.....	.....	.....	(2)	.....
Costa Rica	18.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4] 18.9	.....
Cuba	325.7	.....	179.1	.....	108.6	38.0	.....	.....	.....	.....	.....	.....
Denmark	184.1	.....	.....	10.8	74.9	90.7	.....	1.7	.....	.....	.....	.....
Dominican Republic	2.1	.....	1.9	.....	.2	.....	.....	.....	.....	.....	.....	.....
El Salvador	51.4	.....	.....	2.8	42.9	5.7	.....	.....	.....	.....	.....	.....
Ethiopia	537.6	.....	.....	.....	510.7	26.9	.....	.....	.....	.....	.....	.....
Fiji	3.8	.....	.....	.9	2.9	.....	.....	.....	.....	.....	.....	.....
Finland	215.4	.....	.....	3.0	141.1	.....	.....	7.6	.....	.....	.....	63.7
France	1,421.9	.....	.....	.....	1,348.5	.....	.....	133.4	.....	.....	.....	.....
French Morocco	87.9	.....	53.8	.....	20.9	.....	.....	12.5	.7	.....	.....	.....
Germany (Federal Republic)	1,050.3	.....	112.5	34.5	171.0	(2)	(2)	.....	.....	.....	.....	[5] 732.3
Guatemala	9.4	.....	1.5	.....	5.7	2.2	.....	.....	.....	.....	.....	.....
Haiti	15.7	.....	.....	1.9	11.0	2.8	.....	.....	.....	.....	.....	.....
Iceland	13.7	.....	.....	1.7	11.7	.1	.2	.....	.....	.....	.....	.....
India	823.8	.....	.....	9.5	790.5	19.6	4.2	.....	.....	.....	.....	.....
Iran (year ended Mar. 21, 1953)	[6] 62.2	.....	.....	15.6	[6] 46.6	.....	.....	(6)	.....	.....	.....	.....
Iraq	22.3	.....	3.3	2.4	16.1	.3	.2	.....	.....	.....	.....	.....
Ireland	25.3	.....	.....	2.4	22.2	.2	.5	.....	.....	.....	.....	.....
Italy	489.0	.....	.....	.....	.....	.....	.....	470.4	17.1	1.5	.....	.....
Jamaica	9.9	.....	.....	.1	7.8	2.0	.....	.....	.....	.....	.....	.....
Japan	2,499.0	.....	.....	.....	2,327.6	148.3	23.1	.....	.....	.....	.....	.....
Laos	15.5	.....	.....	.....	.....	.....	.....	14.7	.8	.....	.....	.....
Lebanon	71.4	.....	23.8	.....	44.8	.....	.....	2.8	.....	.....	.....	.....
Madagascar	63.2	.....	.....	.....	.....	.....	.....	60.0	3.2	.....	.....	.....
Malaya	34.1	.....	.....	8.5	25.6	.....	.....	.....	.....	.....	.....	.....
Mauritius	2.1	.....	.....	.....	2.0	(2)	.1	.....	.....	.....	.....	.....
Mexico	1,785.0	.....	639.4	56.1	1,000.3	89.2	.....	.....	.....	.....	.....	.....
Muscat	.2	.....	.....	.1	.1	.....	.....	.....	.....	.....	.....	.....

Consumption of metals in the 1953 coinage of nations--in short tons--Continued

[Calculations based on data in Coinage of nations tables]--Continued

Country	Total gross weight	Gold	Silver	Nickel	Copper	Zinc	Tin	Aluminum	Magnesium	Manganese	Steel	Iron
Netherlands	177.3	.....	.....	11.9	157.1	6.6	1.7	.....	.....	.....	.....	.....
Netherlands Antilles	13.8	.....	8.0	.....	5.7	.1	(2)	.....	.....	.....	.....	.....
New Caledonia	14.9	.....	.....	.....	.....	.....	.....	14.2	.7	.....	.....	.....
New Zealand	53.5	.....	.....	6.0	46.2	.4	.9	.....	.....	.....	.....	.....
Nicaragua	27.6	.....	.....	6.9	20.7	.....	.....	.....	.....	.....	.....	.....
Norway	128.3	.....	.....	8.8	114.9	.9	3.7	.....	.....	.....	.....	.....
Pakistan	191.9	.....	.....	23.7	148.0	20.2	(2)	.....	.....	.....	.....	.....
Panama	32.4	.....	24.5	.....	[1] 7.6	.3	.....	.....	.....	.....	.....	.....
Paraguay	53.3	.....	.....	.5	42.1	10.7	.....	.....	.....	.....	.....	.....
Peru	72.3	(7)	.....	.....	46.9	25.4	.....	.....	.....	.....	.....	.....
Portugal	59.6	.....	.....	2.2	52.6	3.8	1.0	.....	.....	.....	.....	.....
Portuguese East Africa--Mozambique	63.0	.....	.....	5.8	55.2	1.2	.8	.....	.....	.....	.....	.....
Portuguese West Africa--Angola	54.2	.....	.....	5.8	46.9	.9	.6	.....	.....	.....	.....	.....
Portuguese West Africa--Cape Verde	6.3	.....	1.6	.5	4.1	.1	(2)	.....	.....	.....	.....	.....
Seychelles	.9	.....	.....	(2)	.7	.2	.....	.....	.....	.....	.....	.....
Southern Rhodesia	3.9	.....	1.9	.2	1.6	.2	.....	.....	.....	.....	.....	.....
Sweden	372.2	.....	62.8	7.8	283.0	10.0	8.6	.....	.....	.....	.....	.....
Switzerland	162.9	.....	62.8	17.8	81.4	.2	.7	.....	.....	.....	.....	.....
Taiwan (Formosa)	206.5	.....	52.4	59.4	91.0	3.7	.....	.....	.....	.....	.....	.....
Union of South Africa	282.4	(8)	66.0	.....	206.2	6.8	.8	.....	.....	2.6	.....	.....
United Kingdom	1,463.7	.....	(2)	249.3	1,139.6	70.7	4.1	.....	.....	.....	.....	.....
Uruguay	90.0	.....	.....	22.5	67.5	.....	.....	.....	.....	.....	.....	.....
Vatican City	12.8	(9)	.....	.....	(2)	.....	.....	12.3	.4	.1	.....	.....
Total	22,756.8	.....	2,904.3	963.3	15,207.1	833.7	59.8	866.9	24.8	4.2	1,096.7	796.0

[1] Includes small amount of tin.
[2] Less than 0.1 ton.
[3] Chrome-plated.
[4] Chromium stainless steel.
[5] Iron center with 5% layer of copper or copper-zinc alloy on each side.
[6] Does not include small denomination coins composed of 91.5% copper and 8.5% aluminum.
[7] Coined for private account (34,416 grams).
[8] Proof coin sets (43,934 grams).
[9] Not for circulation (4,677 grams).

Silver coins withdrawn from active circulation in specified countries during 1953

Country	Nominal value in monetary unit of issuing country	Approximate silver content-Fine ounces
United States	1,447,647 U.S. dollars	1,006,600
British East Africa[1]	933,772 East African pounds	.....
Canada	52,360 Canadian dollars	37,605
Cuba[2]	15,404,000 Cuban pesos	11,900,000
Honduras[3]	1,290 Honduran lempiras	467
Do	728,000 U.S. dollars	.....
Ireland	19,724 Irish pounds	53,794
Malaya	1,096,591 Malayan dollars	957,232
Mexico	3,711,877 Mexican pesos	689,346
Netherlands	2,891,404 Netherlands florin	735,776
Portuguese East Africa	2,136,000 Portuguese escudos	70,044
Sweden	138,876 Swedish kronor	10,439
Switzerland	741,000 Swiss francs	112,528
Union of South Africa	403,671 South African pounds	1,150,683
United Kingdom	663,419 English pounds	1,151,773
Sum of stated ounces	....	17,876,287

[1] Represents decrease of silver coins in circulation from June 30, 1952 to June 30, 1953 in the East African currency area.
[2] Represents sales of demonetized silver peso disks.
[3] United States coins ceased to be legal tender in Honduras on Dec. 31, 1953.

Estimated quantity of gold and silver used in the industrial arts in various countries during 1952 and 1953--in fine troy ounces

Country	1952		1953	
	Gold	Silver	Gold	Silver
United States	2,752,872	96,500,000	2,142,860	106,000,000
Argentina	289,356	1,607,537	289,356	1,607,537
Austria	36,999	116,424	39,742	95,112
Belgium	38,300	1,250,000	(1)	(1)
Brazil	(1)	(1)	270,456	1,168,496
British Guiana	7,875	.....	9,309	.....
Canada	100,000	3,800,000	182,000	[4] 663,000
Ceylon	150,000	500,000	[2] 12,933	[2] 50,000
Colombia	31,600	(1)	(1)	(1)
Cuba[3]	12,931	9,484	10,105	9,452
Egypt	(1)	(1)	591,767	838,684
El Salvador	9,791	1,200	9,856	1,200
Finland	13,107	398,488	14,596	372,949
France	(1)	10,545,444	(1)	14,467,834
Germany, Federal Republic[4]	11,191	10,375,451	43,146	11,895,775
Guatemala	800	20,000	800	20,000
Haiti	1,000	45,000	[3] 7,430	[3] 6,057
Honduras	1,500	20,000	1,000	20,000
Indonesia	(1)	588,605	(1)	(1)
Japan	[5] 12,685	(1)	[6] 3,524	(1)
Lebanon	28,936	(1)	28,936	16,075
Liberia	2,000	(1)	(1)	(1)
Libya	3,215	13,664	3,215	13,664
Luxembourg[7]	5	.....	70	.....
Madagascar	[8] 12	.....	(1)	.....
Mexico	(1)	970,408	(1)	679,519
Netherlands	(1)	(1)	41,314	278,843
Netherlands Antilles	290	(1)	(1)	(1)
New Zealand	[9] 7,123	(1)	[9] 5,540	(1)
Nicaragua	5,675	5,814	[10] 1,207	[10] 694
Norway	[9] 8,038	1,286,030	[9] 9,645	1,446,783
Peru	64,301	471,555	45,011	647,580
Portugal	199,617	1,469,533	184,781	1,406,941
Sweden	[9] 70,828	.....	[9] 72,146	.....
Tunisia	33,180	489,624	31,443	511,518
Turkey	(1)	(1)	100,000	300,000
Union of South Africa	23,450	545,758	27,992	519,930
United Kingdom	531,130	9,064,207	333,207	11,858,291
Venezuela	[11] 88,600	.....	[11] 94,140	.....
Sum of stated ounces	4,536,407	140,004,226	4,607,527	158,895,934

[1] Data not available.
[2] Estimate of Commissioner of Cottage Industries.
[3] Imports.
[4] Issued for technical purpose.
[5] Allocation of Government-owned gold for industrial arts.
[6] Jan. - July, allocation of Government-owned gold for industrial arts; Aug. - Dec. estimated from reports by the public to the government.
[7] Issued for dental use.
[8] Sales for jewelry and dental use.
[9] Official sales.
[10] Official sales estimated to represent about one-sixth of quantity used.
[11] Jewelry and dental use.

Secondary gold and silver deposited with the monetary authority in specified countries, calendar year--1953 in fine ounces[1]

Country	Gold	Silver
United States	214,079	594,569
Austria	2,440	35,625
Canada	25,000	2,525
Union of South Africa	500	30,575

[1] Includes old plate, jewelry, and other scrap materials deposited with government mints after use in arts and industry.

Characteristics of coins in circulation in 1953

CONVERSION FACTORS USED: 1 GRAM = 15.43235039 grains. 1 INCH = 25.4 MILLIMETERS. COINS ARE ROUND EXCEPT AS NOTED. THICKNESSES MAY BE APPROXIMATE.

(See COINAGE OF NATIONS for coins currently minted)

UNITED STATES

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 dollar	26.73	900 silver, 100 copper	38.1	2.9
1/2 dollar (50 cents)	12.5	....do	30.6	2.2
1/4 dollar (25 cents)	6.25	....do	24.3	1.7
1/10 dollar (10 cents or dime)	2.5	....do	17.9	1.3
5 cents	5	75 copper, 25 nickel	21.2	2
Do	5	56 copper, 35 silver, 9 manganese	21.2	2
1 cent	3.11	95 copper, 5 zinc and tin	19.1	1.6
Do	3.11	95 copper, 5 zinc	19.1	1.6
Do	2.7	Zinc-coated steel	19.1	1.6

United States copper-silver-manganese 5-cent piece coined Oct. 1942-Dec. 1945, inclusive.
United States copper-zinc 1-cent piece coined 1944-46, inclusive.
United States zinc-coated steel 1-cent piece coined only during calendar year 1943.

ADEN

[British East African coins became legal tender in Aden Oct. 1, 1951, replacing coins of India which had formerly circulated. Maria Theresa thalers continue to circulate. For characteristics of the Maria Theresa thaler (trade coin) see Austria]

AFGHANISTAN (1951)

25 puls	7	Cupro-nickel	25	.....
Do	3	....do	20	1.2
20 puls	6	....do	26	.....
10 puls	6	....do	24	.....
Do	5	....do	22	.....
Do	2.5	....do	18	1.2
5 puls	3	Copper	22	.....
Do	3	....do	20	.....
Do	3	....do	17	1.8
3 puls	2.5	....do	16	1.7
2 puls	2	....do	15	1.6

ALGERIA

100 francs	12	75 copper, 25 nickel	30	.....
50 francs	8	....do	27	.....
20 francs	5.5	....do	23	.....

Metropolitan French aluminum coins in 1, 2, and 5 franc denominations also circulate in Algeria.

ANDORRA

[Spanish money principal circulating medium in Andorra. French money also circulates]

ANGLO-EGYPTIAN SUDAN

[Egyptian coins and United Kingdom florins and shillings (George V only) circulate in the Sudan]

Characteristics of coins in circulation in 1953--Continued

ARGENTINA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
50 centavos	5	Steel core 90 percent by weight with nickel cladding 5 percent each side.	23	1.5
20 centavos*	4	Steel core 90 percent by weight with cladding of cupro-nickel alloy 5 percent each side. (Alloy 75 percent copper and 25 percent nickel) Unmilled edge.	21	1.5
10 centavos*	3	....do	19	1.3
5 centavos*	2	....do	17	1.1
2 centavos	3 1/3	95 copper, 4 tin, 1 zinc	20	1.1
1 centavo	2	....do	16	.9

*Copper (92) aluminum (8), and copper (75) nickel (25) coins continue to circulate. Weights and diameters same as above, thicknesses 1.3, 1.2, and 1 mm., respectively.

AUSTRALIA (1951)

Crown	28.2759	925 silver, 75 copper	38.4	3
Florin	11.31036	925 silver, 75 copper; and 500 silver, 400 copper, 50 nickel, 50 zinc.	28.7	2.1
Shilling	5.65518	....do	23.8	1.8
Sixpence	2.82759	....do	19.4	1.4
Threepence	1.41379	....do	16.1	1
Penny	9.44984	95.5 copper, 3.0 tin, 1.5 zinc; and 97 copper, 2.5 zinc, 0.5 tin.	30.8	2
Halfpenny	5.6699	....do	25.5	1.6

Australian silver coins of 500 fineness first issued July 21, 1947; thicknesses vary slightly from coins of 925 fineness.

Australian coins legal tender in Papua, New Guinea, Norfolk Island, and Nauru.

United Kingdom silver coins of 500 fineness legal tender in Australia; quantity in circulation negligible.

AUSTRIA

5 schillings	4	98.5 aluminum, 1.5 magnesium	31	2.4
2 schillings	2.8	....do	28	2
1 schilling	2	....do	25	1.8
50 groschen	1.4	....do	22	1.6
20 groschen	4.5	91.5 copper, 8.5 aluminum	22	1.7
10 groschen	3.5	Zinc	21	1.8
Do	1.1	98.5 aluminum, 1.5 magnesium	20	1.6
5 groschen	2.5	Zinc	19	1.5
2 groschen	.9	98.5 aluminum, 1.5 magnesium	18	1.5
1 groschen	1.8	Zinc	17	1.3
1 reichspfennig	1.8	....do	17	1.3
Trade coins				
4 fold ducat	13.9636	986 1/9 gold, 13 8/9 copper	39.5	.8
1 fold ducat	3.4909	....do	19.75	.8
100 kronen	33.8753	900 gold, 100 copper	37	2.2
20 kronen	6.7751	....do	21	1.4
20 francs	6.4516	....do	21	1.4
10 francs	3.2258	....do	19	.9
Maria Theresa thaler	28.0668	833 1/3 silver, 166 2/3 copper	39.5	2.5

AZORES

[Coins of Portugal circulate in the Azores]

BAHAMAS

[United Kingdom coins circulate in the Bahamas]

BAHREIN ISLANDS

[Coins of India circulate in Bahrein Islands]

BARBADOS

[United Kingdom coins circulate in Barbados]

BASUTOLAND

[Coins of Union of South Africa circulate in Basutoland]

Characteristics of coins in circulation in 1953--Continued

BECHUANALAND

[Coins of Union of South Africa and Southern Rhodesia circulate in Bechuanaland]

BELGIAN CONGO (1951)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
50 francs	17.5	600 silver, 400 copper	35	2.3
5 francs	7.5	66 2/3 copper, 33 1/3 zinc	27	2
Do	13	86.3 copper, 7.9 zinc, 3.3 nickel, 1.5 aluminum, 1.0 iron.	33	2
2 francs (hexagonal)	6	66 2/3 copper, 33 1/3 zinc	25/29	1.5
Do	5	....do	22	1.5
1 franc	2.5	....do	19	1.3
Do	10	75 copper, 25 nickel	28	2
50 centimes	6.5	....do	24	1.8
20 centimes	6	....do	25	1.5
10 centimes	4	....do	22	1.3
5 centimes	2.5	....do	19	1

BELGIUM (1951)

100 francs	18	835 silver, 165 copper	33	.....
50 francs	12.5	....do	30	.....
20 francs	8	....do	27	.....
Do	6.4516	900 gold, 100 copper	21	.....
5 francs	12	Pure nickel	31	.....
Do	6	75 copper, 25 nickel	24	.....
2 francs	2.75	Iron	19	.....
1 franc	4	75 copper, 25 nickel	21	.....
Do	4.5	Pure nickel	21.5	.....
Do	4.25	Zinc du commerce	21.5	.....
50 centimes	2.5	Pure nickel	18	.....
Do	2.75	95 copper, 3 tin, 2 zinc	19	.....
25 centimes	6.5	75 copper, 25 nickel	26-4.5	.....
Do	6.5	64 copper, 20 zinc, 16 nickel	26-3.5	.....
Do	6.5	Zinc du commerce	26-3.5	.....
10 centimes	4	75 copper, 25 nickel	22-4	.....
Do		Copper, zinc, 15/100 nickel minimum	22-4	.....
Do		64 copper, 20 zinc, 16 nickel	22-3	.....
Do		Zinc du commerce	22-3	.....
5 centimes	2.5	75 copper, 25 nickel	19-3.5	.....
Do	2.5	Copper, zinc, 15/100 nickel minimum	19-3.5	.....
Do	2.5	64 copper, 20 zinc, 16 nickel	19-2.5	.....
Do	2.5	Zinc du commerce	19-2.5	.....
2 centimes	4	Pure copper	21.5	.....
1 centime	2	....do	16.5	.....

Belgian Royal decree of Jan. 18, 1951, demonetized as from Apr. 1, 1951, the following coins: 5-franc, pure nickel coins struck pursuant to provisions of decree of June 27, 1930, and decree of Nov. 10, 1938 as amended by decree of Dec. 5, 1938; 5-franc coins struck pursuant to provisions of order of the Secretary General of the Ministry of Finance of Feb. 24, 1941, and art. II of decree law of Dec. 30, 1946; 2-franc steel coins issued in London during the war by the Belgian National Bank, and recalled by the State pursuant to provisions of decree law of Nov. 21, 1945, as amended by decree of Dec. 30, 1946. See previous reports for description of these coins.

Belgian coins with two diameters are round with round hole in center.

Belgian coins circulate in Luxembourg along with distinctive Luxembourg coins.

BERMUDA

[United Kingdom coins circulate in Bermuda]

BHUTAN

1/2 rupee	.....	Nickel	.....	.....
Single pice	.....	97 copper, 2.5 zinc, 0.5 tin	.....	.....

Coins of India also circulate in Bhutan.

Characteristics of coins in circulation in 1953--Continued

BOLIVIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
10 bolivianos	7	95.5 copper, 3 tin, 1.5 zinc	27	2
5 bolivianos	5	....do	23	2
1 boliviano	3	....do	18	1.5

BORNEO

[Malayan coins in circulation in British Borneo since 1945]

BRAZIL

2 cruzeiros	8	90 copper, 8 aluminum, 2 zinc	25	2.2
1 cruzeiro	7	....do	23	2.2
50 centavos	5	....do	21	2
20 centavos	4	....do	19	2
10 centavos	3	....do	17	2

BRITISH CAMEROONS

[British West African coins circulate in the British Cameroons]

BRITISH EAST AFRICA (INCLUDES KENYA, TANGANYIKA, UGANDA, ZANZIBAR, ADEN AND BRITISH SOMALILAND PROTECTORATE)

1 shilling	7.7759	250 silver, 700 copper, 50 manganese; and, 75 copper, 25 nickel.	27.7	1.5
50 cents	3.8879	....do	21	1.3
10 cents*	9.4496	95.5 copper, 3 tin, 1.5 zinc	30.9	1.8
5 cents*	5.6699	....do	25.5	1.5
1 cent*	1.9440	....do	20.3	.8

*Perforated.

Bronze 10- and 5-cent denominations minted prior to 1942 were of different proportions of metals, with weights of 175 and 100 grains respectively, same diameters as present coins but slightly thicker.

BRITISH GUIANA

British Guiana fourpence ("bit")	1.88506	500 silver, 400 copper, 50 nickel, 50 zinc.	16.5	1.5

In addition, United Kingdom coins circulate in British Guiana in the following denominations: Crown, half-crown, florin, shilling, sixpence, threepence, penny, and halfpenny.

BRITISH HONDURAS

50 cents	11.6205	925 silver, 75 copper	29.8	.....
25 cents*	5.8102	....do	23.2	.....
10 cents	2.3241	....do	18.0	.....
5 cents	3.6287	79 copper, 20 zinc, 1 nickel	20.3	.....
1 cent	5.67	95.5 copper, 3 tin, 1.5 zinc	25.5	.....

*Coinage in 1952 of 75 copper, 25 nickel alloy.

Characteristics of coins in circulation in 1953--Continued

BRITISH WEST AFRICA (INCLUDES GAMBIA, GOLD COAST, NIGERIA, AND SIERRA LEONE)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Florin	11.31036	79 copper, 20 zinc, 1 nickel	28.5	.....
Shilling	5.65518	....do	23.6	.....
Sixpence	3.499	....do	19.4	.....
Threepence	5.184	75 copper, 25 nickel	21.5	.....
Penny	9.45	75 copper, 25 nickel and 95.5 copper, 3 tin, 1.5 zinc.	30.9	.....
Halfpenny	5.67	....do	25.5	.....
Tenthpenny	1.944	....do	20.2	.....

Silver coins in process of withdrawal in British West Africa. Cupronickel penny, halfpenny, and tenthpenny are being replaced by bronze alloy.

BRUNEI

[Malayan coins circulate in Brunei]

BURMA

Rupee or 1 kyat	11.664	75 copper, 25 nickel	30.5	.....
1/2 rupee	5.832	Nickel	24.1	.....
1/4 rupee	2.916	....do	19.1	.....
2 annas (square)	5.832	75 copper, 25 nickel	25.4 22.4	.....
1 anna (scalloped)	3.888	....do	21.0 19.8	.....
1/2 anna	2.916	....do	19.8 17.4	.....
50 pyas	7.776	....do	26	.....
25 pyas	6.804	....do	24	.....
10 pyas (square)	4.536	....do	19.8 23.4	.....
5 pyas (scalloped)	3.24	....do	19.5	.....
1 pya	2.268	95.5 copper, 3 tin, 1.5 zinc	18	.....

Burmese coins of 1/2 and 1/4 rupee denominations are round; 2 anna and 1/2 anna, square with round corners; and 1 anna, scalloped. Burmese coinage system now decimalized on the rupee (also known as the 1 kyat) of 100 pyas. Type of edge: 1 rupee and 50 pyas, security; 25 pyas, scalloped (six waves); 10 pyas, square (rounded corners); 5 pyas, scalloped (12 waves); and 1 pya, plain.

CANADA (INCLUDING NEWFOUNDLAND*)

1 dollar	23.3276	925 silver, 75 copper; and 800 silver, 200 copper.	36	3
50 cents	11.6638	....do	29.6	2.1
25 cents	5.8319	....do	23.6	1.8
10 cents	2.3328	....do	17.8	1.3
5 cents	1.1664	....do	15.5	.6
Do	4.5359	Pure nickel	21.2 to 21.3	1.9
Do	4.5359	88 copper, 12 zinc (Tombac)	21.2	1.9
Do	4.5359	Steel chrome plated	21.2	1.9
1 cent	3.2399	98 copper, 1.5 zinc, 0.5 tin	19.1	1.7

*Newfoundland coins formerly issued also continue to circulate in Newfoundland.

CEYLON

50 cents	5.508	79 copper, 20 zinc, 1 nickel	24.1	1.9
25 cents	2.754	....do	18	1.5
10 cents (scalloped edge)	4.212	....do	(a)	1.4
5 cents (square with round corners).	3.888	75 copper, 25 nickel	(b)	1.6
Do	3.888	79 copper, 20 zinc, 1 nickel	(b)	1.6
Do	3.24	....do	(b)	1.5
2 cents (scalloped edge)	2.592	....do	(c)	1.3
1 cent	4.725	95.5 copper, 3 tin, 1.5 zinc	22.4	1.7
Do	2.362	97 copper, 2.5 zinc, 0.5 tin	22.4	.9
1/2 cent	2.362	....do	18	1.5

a Across scallops, 22.9 mm. Inside scallops, 21 mm.
b Diagonally, 21.8 mm. Across flats, 18.5 mm.
c Across scallops, 18.4 mm. Inside scallops, 17 mm.

Characteristics of coins in circulation in 1953--Continued

CHILE

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 peso	7.5	95.5 copper, 3 tin, 1.5 zinc	25	2
50 centavos	4	....do	20.5	1.7
20 centavos	3	....do	18	1.6

COLOMBIA

50 centavos	12.5	500 silver, 400 copper, 50 nickel, 50 zinc.	30	2
20 centavos	5	....do	23	1.5
Do	5	300 silver, 700 bronze	23	1.5
10 centavos	2.5	500 silver, 500 bronze, and 75 copper, 25 nickel.	18	1
5 centavos	4	75 copper, 25 nickel, and 95 copper, 5 nickel.	21	1.5
2 centavos	3	Cupronickel, bronze, and steel with copper-nickel plating (75-25).	19	1

COSTA RICA

2 colones	14	75 copper, 25 nickel	32	2
1 colon	10	....do	29	2
50 centimos	7	....do	26	1.7
25 centimos	3.45	....do	23	1.3
10 centimos	2	95 copper, 4 zinc, 1 tin; and 75 copper, 25 nickel.	18	1.1
Do	1.75	Chromium stainless steel	18	1.2
5 centimos	1	95 copper, 4 zinc, 1 tin; and 75 copper, 25 nickel.	15	1
Do	0.875	Chromium stainless steel	18	1.2

CUBA

1 peso	26.7295	900 silver, 100 copper	38.1	2.9
50 centavos	12.5	....do	30.6	2.2
40 centavos	10	....do	29	1.7
25 centavos	6.25	....do	24.3	1.7
20 centavos	5	....do	23.3	1.4
10 centavos	2.5	....do	17.9	1
5 centavos	5	75 copper, 25 nickel	21.2	2
Do	5	70 copper, 30 zinc	23.2	2
2 centavos	3.5	75 copper, 25 nickel	19.3	1.6
1 centavo	2.5	....do	19	1.5
Do	2.5	70 copper, 30 zinc	19	1.5
Do	2.3	....do	16.8	1.5

United States coins ceased to be legal tender in Cuba as of June 30, 1951 by virtue of Cuban Decree 1384 of Apr. 9, 1951.

CYPRUS

18 piastres (2 shillings)	11.31036	925 silver, 75 copper	30	.....
Do	11.31036	75 copper, 25 nickel	28.5	.....
9 piastres (1 shilling)	5.65518	925 silver, 75 copper	.....	.....
Do	5.65518	75 copper, 25 nickel	23.6	.....
1 piastre	5.184	75 copper, 25 nickel; and 95.5 copper, 3 tin, 1.5 zinc.	23.5	1.5
1/2 piastre	2.592	....do	19.5	1

Composition of former bronze coins 97 copper, 2.5 zinc, 0.5 tin.

Characteristics of coins in circulation in 1953--Continued

DENMARK

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
2 kroner	13	92 copper, 6 aluminum, 2 nickel	31.5	2.5
1 krone	6.5	....do	25.5	1.9
25 ore:				
Christian X	4.5	75 copper, 25 nickel	23	1.7
Do	3.6	Zinc	23	1.6
Frederik IX	4.5	75 copper, 25 nickel	23	1.6
10 ore:				
Christian X	2.4	Zinc	18	1.6
Do	3	75 copper, 25 nickel	18	1.8
Frederik IX	3	....do	18	1.7
5 ore:				
Christian X	7.6	95 copper, 4 tin, 1 zinc	27	1.9
Do	2.4	Aluminum	27	1.8
Do	6.4	Zinc	27	1.8
Frederik IX	6.4	....do	27	1.8
2 ore:				
Christian X	3.8	95 copper, 4 tin, 1 zinc	21	1.6
Do	1.2	Aluminum	21	1.5
Do	3.2	Zinc	21	1.5
Frederik IX	3.2	....do	21	1.5
1 ore:				
Christian X	1.9	95 copper, 4 tin, 1 zinc	16	1.3
Do	1.6	Zinc	16	1.3
Frederik IX	1.6	....do	16	1.3

DOMINICA

[United Kingdom coins circulate in Dominica]

DOMINICAN REPUBLIC

1 peso	26.73	900 silver, 100 copper	38.1	2.9
1/2 peso	12.5	....do	30.6	2.2
25 centavos	6.25	....do	24.3	1.7
10 centavos	2.5	....do	17.9	1.3
5 centavos	5	75 copper, 25 nickel	21.2	2
1 centavo	3	95 copper, 5 zinc and tin	19.1	1.6

ECUADOR

5 sucres	25	720 silver, 280 copper	37.5	2.9
2 sucres	10	....do	28.8	2
1 sucre	5	....do	23.5	1.6
Do	7	Pure nickel	26	1.6
20 centavos	4	80 copper, 20 zinc	21	1.5
Do	4	75 copper, 25 nickel	21	1.5
10 centavos	3	80 copper, 20 zinc	19	1.3
Do	3	75 copper, 25 nickel	19	1.3
5 centavos	2	80 copper, 20 zinc	17	1
Do	2	75 copper, 25 nickel	17	1

Minor number of Ecuadorian silver coins in circulation.

Characteristics of coins in circulation in 1953--Continued

EGYPT (SEE also Anglo-Egyptian Sudan)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
500 piasters	42.5	875 gold, 125 copper	40	.....
100 piasters	8.5	....do	23	.....
50 piasters	4.25	....do	20	.....
20 piasters	1.7	....do	14.5	.....
Do	28	833-1/3 silver, 166-2/3 copper	40	.....
10 piasters	14	....do	33	.....
5 piasters	7	....do	26	.....
2 piasters	2.8	....do	19	.....
1 piaster	1.4	....do	14.5	.....
10 milliemes	5.5	75 copper, 25 nickel	23	.....
Do	6	95 copper, 4 tin, 1 zinc	25	.....
5 milliemes	4	75 copper, 25 nickel	21	.....
2-1/2 milliemes	3	....do	20	.....
2 milliemes	2.5	....do	18	.....
1 millieme	4.4	95 copper, 4 tin, 1 zinc	23	.....
1/2 millieme	3-1/3	....do	20	.....

Decree law 426 of 1953 provides for change in fineness of 20, 10, and 5-piaster Egyptian coins to 625 parts silver and 375 parts copper, with weights of 14, 7, and 3.5 grams, respectively.

EL SALVADOR

25 centavos*	7.5	900 silver, 100 copper	29	1.5
10 centavos	7	75 copper, 25 nickel; and 70 copper, 18 zinc, 12 nickel.	26	1.7
5 centavos	5	Nickel-silver 12%; 75 copper, 25 nickel; and 70 copper, 18 zinc, 12 nickel.	23	1.7
3 centavos	4	75 copper, 25 nickel	20	1.7
1 centavo	16.3	95 copper, 5 zinc; 95 copper, 5 zinc and tin; and 75 copper, 25 nickel.	16.3	1.7

*United States dimes (1/10 dollar) also circulate as 25-centavo denomination in El Salvador.

ERITREA

[British East African coins circulate in Eritrea]

ETHIOPIA

50 cents	7.0307	800 silver, 200 copper; and 700 silver, 300 copper.	25	2
25 cents	6.8039	95 copper, 5 zinc; and 95 copper, 5 zinc and tin.	26	2.1
10 cents	6.0911	....do	23	2.1
5 cents	4.0175	....do	20	1.8
1 cent	2.8511	....do	17	1.8

FALKLAND ISLANDS

[United Kingdom coins circulate in the Falkland Islands]

FAROE ISLANDS

[Danish coins circulate in the Faroe Islands]

Characteristics of coins in circulation in 1953--Continued

FIJI

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Florin	11.31036	500 silver, 500 copper	28.6	2.2
Shilling	5.65518	....do	23.9	1.7
Sixpence	2.82759	....do	19.4	1.3
Threepence (12-sided)	6.1559	79 copper, 20 zinc, 1 nickel	21.1 21.9	2.4
Penny	6.4799	75 copper, 25 nickel	26.1	1.9
Halfpenny	3.23995	....do	21	1.6

FINLAND

500 markkaa (Olympic coin)	12	500 silver, 400 copper, 100 nickel	32	2
50 markkaa	5.5	93 copper, 5 aluminum, 2 nickel	25	1.9
20 markkaa	13	92 copper, 6 aluminum, 2 nickel	31	2.3
Do	4.5	93 copper, 5 aluminum, 2 nickel	22.5	1.9
10 markkaa	8	92 copper, 6 aluminum, 2 nickel	27	2
Do	3	93 copper, 5 aluminum, 2 nickel	20	1.5
5 markkaa	4.5	92 copper, 6 aluminum, 2 nickel	23	1.8
Do	4.5	90 copper, 7 zinc, 3 alumimum	23	1.8
Do	4.55	72 copper, 28 zinc	23	1.8
Do	2.55	Iron	18	1.5
1 markka	4	75 copper, 25 nickel	21	1.5
Do	4.5	95 copper, 4 tin, 1 zinc; or pure copper.	21	1.5
Do	3.5	Iron	21	1.5
Do	1.15	....do	16	1

The 50, 25, 10, 5, and 1-penni denomination coins, no longer legal tender, are accepted for exchange by the Bank of Finland.

FRANCE

50 francs	8	91 copper, 9 aluminum	27	.....
20 francs	4	....do	23.5	.....
10 francs	3	....do	20	.....
5 francs	3.5	Aluminum	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

FRENCH CAMEROUN

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

FRENCH EQUATORIAL AFRICA

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

Characteristics of coins in circulation in 1953--Continued

FRENCH GUADELOUPE

[Metropolitan French coins circulate in French Guadeloupe]

FRENCH GUIANA

[Metropolitan French coins circulate in French Guiana]

FRENCH MARTINIQUE

[Metropolitan French coins circulate in French Martinique]

FRENCH MOROCCO

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
200 francs	8	720 silver, 280 copper	27	1.8
100 francs	4	....do	22	1.4
50 francs	8	91 copper, 9 aluminum	27	2.1
20 francs	4	....do	23.5	1.5
10 francs	3	....do	20	1.5
5 francs	1.85	95 aluminum, 5 magnesium	25	1.8
2 francs	1.2	....do	22	1.5
1 franc	0.8	....do	19	1.3
FRENCH OCEANIA				
2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....
FRENCH SOMALILAND				
5 francs	3.5	Aluminum	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....
FRENCH WEST (OCCIDENTAL) AFRICA				
2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....
GERMANY, FEDERAL REPUBLIC				
5 Deutschemark	11.2	625 silver, 375 copper	29	2
2 Deutschemark	7	75 copper, 25 nickel	25.5	1.9
1 Deutschemark	5.5	....do	23.5	1.8
50 pfennigs	3.5	....do	20	1.6
10 pfennigs	4	Iron kernel with 5 percent copper-zinc plating on each side.	21.5	1.7
5 pfennigs	3	....do	18.5	1.7
2 pfennigs	3.25	95 copper, 4 tin, 1 zinc	19.3	1.5
1 pfennig	2	Iron kernel with 5 percent copper plating on each side.	16.5	1.4

GIBRALTAR

[United Kingdom coins circulate in Gibraltar]

GREENLAND

1 krone	8	Aluminum-bronze	27.5	1.9
5 øre	4	....do	22	1.6
25 øre	7	Cupronickel	25	2

Characteristics of coins in circulation in 1953--Continued

GRENADA

[United Kingdom coins circulate in Grenada]

GUATEMALA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
25 centavos	8 1/3	720 silver, 280 copper	27	1.3
10 centavos	3 1/3	....do	21	.8
5 centavos	1 2/3	....do	16	.7
2 centavos	6	70 copper, 30 zinc	25.5	1.6
1 centavo	3	....do	21	1
1/2 centavo	1 1/2	....do	16	.7

GUERNSEY

8 doubles	9.7198	95 copper, 4 tin, 1 zinc	31.6	.....
4 doubles	4.8599	....do	26.4	.....
2 doubles	3.564	....do	22.2	1.3
1 double	2.268	....do	19	1.3

United Kingdom coins also circulate in Guernsey.

HAITI

50 centimes	9.88	75 copper, 25 nickel	29	1.9
20 centimes	7.55	....do	26	1.8
10 centimes	4	....do	22	1.3
Do	4	70 copper, 18 zinc, 12 nickel	22.7	1.4
5 centimes	2.65	75 copper, 25 nickel	20	1.1
Do	2.75	70 copper, 18 zinc, 12 nickel	19.9	1.3

United States coins also circulate in Haiti.

HONDURAS

1 lempira	12.5	900 silver, 100 copper	31	2
50 centavos	6.25	....do	24	1.7
20 centavos	2.5	....do	18	1.4
10 centavos	7	75 copper, 25 nickel	26	1.9
5 centavos	5	....do	21	1.9
2 centavos	3	95 copper, 5 zinc and tin	20	1.4
1 centavo	2	....do	15	1.7

United States coins ceased to be legal tender in Honduras as of Dec. 31, 1953.

HONG KONG

50 cents	5.832	75 copper, 25 nickel	.....	.....
10 cents	4.5359	79 copper, 20 zinc, 1 nickel	20.6	.....
5 cents	2.592	....do	16.5	.....

Characteristics of coins in circulation in 1953--Continued

ICELAND

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
2 kronur	9.5	92 copper, 6 aluminum, 2 nickel	28	2
1 krona	4.75	....do	22.5	1.5
25 aurar	2.4	75 copper, 25 nickel	17	1.3
Do	2	Zinc	17	1.3
10 aurar	1.5	75 copper, 25 nickel	15	1
Do	1.25	Zinc	15	1
5 aurar	6	95 copper, 4 tin, 1 zinc	24	1.5
2 aurar	3	....do	19	1.3
1 eyrir	.6	97 copper, 2.5 zinc, 0.5 tin	15	1

INDIA

1 rupee	11.6638	500 silver, 500 copper, zinc, and nickel	30.5	.....
Do	11.6638	Pure nickel	27.9	2.1
1/2 rupee	5.8319	500 silver, 500 copper, zinc, and nickel	24.1	.....
Do	5.8319	Pure nickel	24.1	1.4
1/4 rupee or 4 annas	2.916	916 2/3 silver, 83 1/3 copper	19.1	.....
Do	2.916	500 silver, 500 copper, zinc, and nickel	19.1	.....
Do	2.916	Pure nickel	19.1	1.2
Do	6.8039	75 copper, 25 nickel	23.5 25.4	.....
1/8 rupee or 2 annas	1.458	916 2/3 silver, 83 1/3 copper	15.2	.....
Do	5.8319	75 copper, 25 nickel	22.4 25.4	1.5
Do (George V)	5.8319	....do	21 25.4	.....
Do	5.8319	79 copper, 20 zinc, 1 nickel	22.4 25.4	.....
1 anna	3.8879	75 copper, 25 nickel	21 19.8	1.4
Do	3.8879	79 copper, 20 zinc, 1 nickel	21 19.8	.....
1/2 anna	2.916	75 copper, 25 nickel	19.8 17.4	1.3
Do	2.916	79 copper, 20 zinc, 1 nickel	19.8 17.4	.....
Single pice	6.4799	Copper	25.4	.....
Do	4.8599	97 copper, 2.5 zinc, 0.5 tin	25.4	.....
Do	3.8879	....do	21.3	13.7
Do	2.916	....do	21.3	10.7
Do	1.944	....do	21.3	13.7
1/2 pice	3.2399	Copper	21.3	.....
Do	2.43	97 copper, 2.5 zinc, 0.5 tin	21.3	.....
Pie pieces	2.1599	Copper	17.3	.....
Do	1.62	97 copper, 2.5 zinc, 0.5 tin	17.3	.....

Coins of India are round with three exceptions: 4 and 1 anna coins of cupronickel and nickel-brass, scalloped; 2 anna and 1/2 anna coins, square with round corners; and single pice of 1.944 grams, round with round hole in center approximately 9.4 millimeters in diameter.

Bronze alloy prior to February 1936 was 95 copper, 4 tin, and 1 zinc; from February 1936 through 1942, 95.5 copper, 3 tin, and 1.5 zinc; and from 1943 as shown in table.

Indian coins also circulate in Persian Gulf, Bahrein, Kuwait, Muscat, Bhutan, Nepal and French and Portuguese possessions in India.

In the Hyderabad State legal tender character of Hyderabad coins has been extended.

Characteristics of coins in circulation in 1953--Continued

INDONESIA (1952)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
25 cents	2.2	Aluminum	26	.....
10 cents	1.7	....do	23.5	.....
5 cents	1.3	....do	22	.....
2 1/2 cents	4	95 copper, 4 tin, 1 zinc; and 95 copper, 5 zinc.	23.5	.....
1 cent	2.5	....do	19	.....
Do	0.75	Aluminum	18	.....
1/2 cent	1.3	95 copper, 4 tin, 1 zinc; and 95 copper, 5 zinc.	14	.....
[Coins withdrawn from active circulation by the end of December 1951 as authorized by Indonesian Coin Law of 1951]				
10 florin	6.72	900 gold, 100 copper	22.5	.....
5 florin	3.36	....do	18	.....
2 1/2 florin	25	945 silver, 55 copper; and 720 silver, 280 copper.	38	2.5
1 florin	10	....do	28	2
50 cents	5	....do	22	1.5
25 cents	3.18	720 silver, 280 copper	19	1
10 cents	1.25	....do	15	.8
5 cents	5	75 copper, 25 nickel	21	1.5
IRAN				
1 pahlavi	8.13598	900 gold, 100 silver or copper	22	.....
1/2 pahlavi	4.06799	....do	19	.....
10 rials	16	600 silver, 400 copper	32	.....
5 rials	8	....do	26	.....
Do	7	75 copper, 25 nickel	26	.....
2 rials	3.2	600 silver, 400 copper	22	.....
Do	4	75 copper, 25 nickel	22.5	.....
1 rial	1.6	600 silver, 400 copper	18	.....
Do	2	75 copper, 25 nickel	18.5	.....
50 dinars	3.49	91.5 copper, 8.5 aluminum	20	.....
25 dinars	3	....do	19	.....
10 dinars	2.68	....do	18	.....
5 dinars	1.65	....do	16	.....
IRAQ				
200 fils (riyal)	20	900 silver, 100 copper	34	.....
100 fils	10	....do	29	.....
50 fils (dirham)	9	500 silver, 400 copper, 50 nickel, 50 zinc.	26.5	.....
20 fils	3.6	....do	20.5	.....
10 fils (scalloped)	6.75	95.5 copper, 3 tin, 1.5 zinc	25	.....
4 fils (scalloped)	4	....do	21	.....
2 fils	5	....do	24	.....
1 fil	2.5	....do	19.5	.....
IRELAND				
Half-crown	14.13795	750 silver, 250 copper; and 75 copper, 25 nickel.	32.4	2.3
Florin	11.31036	....do	28.6	2.3
Shilling	5.65518	....do	23.7	1.8
Sixpence	4.53593	Pure nickel; and 75 copper, 25 nickel	21	1.9
Threepence	3.23995	....do	17.7	1.9
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9	1.9
Halfpenny	5.6699	....do	25.5	1.8
Farthing	2.83495	....do	20.2	1.5

Half-crowns, florins, and shillings of cupro-nickel alloy are approximately 0.2 mm. thicker than silver coins of same weights and diameters as shown in the table.

Characteristics of coins in circulation in 1953--Continued

ISLE OF MAN

[United Kingdom coins circulate in the Isle of Man]

ISRAEL (1951)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
250 prutot	14.14	75 copper, 25 nickel	32.3	.....
100 prutot	11.31	....do	28.5	.....
50 prutot	5.65	....do	23.5	.....
25 prutot	2.83	....do	19.5	.....
10 prutot	6.16	95.5 copper, 3 tin, 1.5 zinc	27	.....
5 prutot	3.24	....do	20	.....
1 pruta	1.26	96 aluminum, 3-4 magnesium, approximately 1 manganese.	21	.....

Palestine coins in process of withdrawal in Israel.

ITALIAN SOMALILAND

1 somalo	7.6	250 silver, 550 copper, 100 nickel, 100 zinc.	26.7	.....
50 centesimi	3.8	....do	21.7	.....
10 centesimi	10	95 copper, 5 zinc	30	.....
5 centesimi	6	....do	25.1	.....
1 centesimo	3	....do	20.1	.....

ITALY

10 lire	3	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	20	1.7
Do	1.6	....do	23.3	1.6
5 lire	2.5	....do	26.7	1.8
Do	1	....do	20.2	1.5
2 lire	1.75	....do	24.1	1.5
1 lira	1.25	....do	21.6	1.3

Coins of Italy circulate in San Marino, Sardinia, and Sicily.

JAMAICA

Penny	7.5	70 copper, 20 zinc, 1 nickel	27	.....
Halfpenny	4.5	....do	22.5	.....
Farthing	2.75	....do	20.2	.....

United Kingdom coins also circulate in Jamaica.

JAPAN*

10 yen	4.5	95 copper, 4-3 zinc, 1-2 tin	23.5	1.3
5 yen	3.75	60-70 copper, 40-30 zinc	(a)	1.5
Do	4	....do	22	1.6

*Law no. 60 of July 1953 authorized demonetization after Jan. 1, 1954 of provisional coins of 1 yen and subsidiary coins of 50, 10, 5, and 1 sen. (Coins are described on page 75 of the 1953 Report.)

(a) Round coin of 22 mm. in diameter with hole in center of 5 mm. diameter.

Characteristics of coins in circulation in 1953--Continued

JERSEY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Penny	9.4984	95.5 copper, 3 tin, 1.5 zinc	30.9	.....
Halfpenny	5.6699	....do	25.5	.....

United Kingdom coins also circulate in Jersey.

JORDAN

100 fils	12	75 copper, 25 nickel	30	.....
50 fils	7.5	....do	26	.....
20 fils	3.75	....do	20	.....
10 fils	10	95.5 copper, 3 tin, 1.5 zinc	28	.....
5 fils	6	....do	24	.....
1 fil	3	....do	19	.....

Palestine coins in process of withdrawal in Jordan.

KUWAIT

[Coins of India circulate in Kuwait]

LABUAN

[Malayan coins circulate in Settlement of Labuan]

LAOS

[Coins minted in 1953]

50/100 de piastre	3.5	95 aluminum, 5 magnesium	31	.....
20/100 de piastre	2.2	....do	27	.....
10/100 de piastre	1.3	....do	23	.....

LEBANON

50 piasters	5	600 silver, 400 copper	24	.....
25 piasters	4	91 copper, 9 aluminum	23.5	.....

LEEWARD ISLANDS

[United Kingdom coins circulate in the Leeward Islands]

LIBERIA

[United States coins are legal tender and circulate in Liberia]

LIBYA

2 piastres	7.5	75 copper, 25 nickel	26	1
1 piastre	3.75	....do	20	1
5 milliemes	10	95.5 copper, 3 tin, 1.5 zinc	28	1
2 milliemes	6	....do	24	1
1 milliemo	3	....do	18	1

Characteristics of coins in circulation in 1953--Continued

LIECHTENSTEIN

[Coins of Switzerland circulate in Liechtenstein]

LUXEMBOURG

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
100 francs	25	835 silver, 165 copper	37	2.7
50 francs	12.5	....do	31	2
20 francs	8.5	....do	27	1.9
5 francs	7	75 copper, 25 nickel	25.5	1.9
1 franc	5	....do	23	1.6
Do	6.5	....do	24	1.9
50 centimes	3.5	Pure nickel	20.5	1.4
25 centimes	5.5	75 copper, 25 nickel	25	1.6
Do	2.5	95 copper, 4 tin, 1 zinc	19	1.2

Belgian coins also circulate in Luxembourg.

MADAGASCAR

20 francs	4	91 copper, 9 aluminum	23.5	.....
10 francs	3	....do	20	.....
5 francs	3.5	95 aluminum, 5 magnesium	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

MADEIRA ISLANDS

[Coins of Portugal circulate in Madeira Islands]

MALAYA AND BRITISH BORNEO*

20 cents	5.655	75 copper, 25 nickel	23.6	.....
10 cents	2.827	....do	19.4	.....
5 cents	1.413	....do	16.3	.....
Do	4	....do	19.5	.....
1 cent	9.331	95 copper, 4 tin, 1 zinc	.....	.....
Do (square)	5.832	....do	.....	.....
Do (square)	4.212	....do	.....	.....
1/2 cent	4.665	....do	.....	.....
Do (square)	2.916	....do	.....	.....
1/4 cent	2.333	....do	.....	.....

*The Board of Commissioners of Currency, Malaya and British Borneo, was constituted in 1952 in accordance with an agreement between the Governments of the Federation of Malaya, the Colonies of Singapore, Sarawak and North Borneo, and the State of Brunei. Under this agreement the Commissioners have the sole right to issue currency notes and coins in the territories of the five participating Governments. (From the Report of the Commissioners of Currency, Malaya and British Borneo, 1953.)

Characteristics of coins in circulation in 1953--Continued

MALTA

[United Kingdom coins circulate in Malta]

MAURITIUS

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 rupee	11.6638	75 copper, 25 nickel	30	.....
1/2 rupee	5.8319	....do	23.6	.....
1/4 rupee	2.916	....do	19	.....
10 cents (scalloped)	5.1839	....do	23.5	.....
5 cents	9.7198	95.5 copper, 3 tin, 1.5 zinc	28.4	.....
2 cents	3.8879	....do	23.1	.....
1 cent	1.944	....do	17.8	.....

Silver rupee, 1/2 rupee, and 1/4 rupee coins issued between 1934 and 1946 are in process of withdrawal.

MEXICO

5 pesos	30	900 silver, 100 copper	40	3
Do	27 7/9	720 silver, 280 copper	40	3
1 peso	14	500 silver, 400 copper, 60 nickel, 40 zinc.	32	2.3
Do	13-1/3	300 silver, 500 copper, 100 nickel, 100 zinc.	32	2.3
50 centavos	6-2/3	....do	26	1.7
25 centavos	3-1/3	....do	21.5	1.3
20 centavos	10	95 copper, 5 zinc	28.5	2.2
10 centavos	5-1/2	80 copper, 20 nickel	23.5	1.4
5 centavos	4	....do	20.5	1.7
Do	6-1/2	95 copper, 5 zinc	25.5	1.8

MONACO

100 francs	12	75 copper, 25 nickel	30	.....
50 francs	8	91 copper, 9 aluminum	27	.....
20 francs	4	....do	23.5	.....
10 francs	3	....do	20	.....
5 francs	3.5	Aluminum	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

MUSCAT (MASQAT)

Maria Theresa thaler (trade coin.)	28.0668	833-1/3 silver, 166-2/3 copper	39.5	2.5
1/2 thaler	.....	....do	.....	.....
50 baisa	.....	75 copper, 25 nickel	.....	.....
20 baisa	.....	....do	.....	.....
10 baisa	.....	....do	.....	.....
5 baiza	.....	....do	.....	.....
2 baiza	.....	....do	.....	.....

Coins of India also curculate in Muscat.

NEPAL (1952)

Debal (rupee)	11.0811	333.3 silver, 666.7 copper	29.6	1.7
Mohar (half-rupee)	5.5405	....do	25.3	1.2
Pachanni (twenty-pice)	2.1782	....do	18.3	.9
Duipaisa (two-pice)	3.8965	66 copper, 34 zinc	22.9	1.1
Paisa (one-pice)	1.94825	....do	20.1	.7

Coins of India also circulate in Nepal.

Characteristics of coins in circulation in 1953--Continued

NETHERLANDS

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Ducat*	3.494	983 gold, 17 copper	21	.....
Rijksdaalder (2 1/2 guilders)	25	945 silver, 55 copper	38	.....
Do	25	720 silver, 280 copper	38	.....
Gulden	10	....do	28	2.2
Kwartje (25-cents)	3	Nickel	19	1.7
Dubbeltje (10-cents)	1.4	640 silver, 360 copper	15	1.1
Do	1.5	Nickel	15	.....
Stuiver (5-cents)	3.5	95 copper, 4 tin, 1 zinc; and 95 copper, 4 zinc, 1 tin	21	.....
Centstukken (1-cent)	2	....do	17	.....

* Gold ducat is a Netherlands trade coin without legal tender capacity.
Netherlands fractional coins are also legal tender in New Guinea.

NETHERLANDS ANTILLES (CURAÇAO)

Rijksdaalder (2 1/2 guilders)	25	720 silver, 280 copper	38	.....
Gulden	10	....do	28	.....
Kwartje (25 cents)	3.575	640 silver, 360 copper	19	1.7
Dubbeltje (10 cents)	1.4	....do	15	1.1
Stuiver (Square) (5 cents)	4.5	75 copper, 25 nickel	18	1.8
2 1/2 cents	4	95 copper, 4 zinc, 1 tin	23.5	.....
1 cent	2.5	....do	19	.....

NETHERLANDS GUIANA (SURINAM)

1/4 guilder (25 cents)	3.575	640 silver, 360 copper	19	1.7
1/10 guilder (10 cents)	1.4	....do	15	1.1
5 cents (square)	4.2	64 copper, 21 zinc, 15 nickel	18	1.7
2 1/2 cents	4	95 copper, 4 zinc, 1 tin; or 70 copper 30 zinc	21.3	
1 cent	2.5	....do	23.5	.....
			19	.....

NEW CALEDONIA

5 francs	3.5	95 aluminum, 5 magnesium	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

NEW GUINEA

[Netherlands 25, 10, 5, and 1-cent coins are legal tender in New Guinea]

NEW ZEALAND

Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc and 75 copper, 25 nickel	38.7	.....
Half-crown	14.13795	....do	32.3	.....
Florin	11.31036	....do	28.5	.....
Shilling	5.65518	....do	23.6	.....
Sixpence	2.82759	....do	19.4	.....
Threepence	1.41379	....do	16.3	.....
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9	.....
Halfpenny	5.6699	....do	25.5	.....

Silver coins in process of withdrawal in New Zealand.

Characteristics of coins in circulation in 1953--Continued

NICARAGUA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 cordoba	25	900 silver, 100 copper	38	3
50 centavos	12.5	800 silver, 200 copper	30	2
Do	8	75 copper, 25 nickel	26	2
25 centavos	6.25	800 silver, 200 copper	24	1.8
Do	5	75 copper, 25 nickel	23	1.8
Do	7.5	70 copper, 30 zinc	27	1.9
10 centavos	2.5	800 silver, 200 copper	18	1.1
Do	4	75 copper, 25 nickel	20	1.8
Do	5.5	70 copper, 30 zinc	24	1.8
5 centavos	3	75 copper, 25 nickel	17	1.8
Do	3.75	70 copper, 30 zinc	21	1.6
Do	5	75 copper, 25 nickel	21	1.6
1 centavo	2.5	70 copper, 30 zinc	18	1.5
Do	4	95 copper, 5 zinc and tin	20	1.6
1/2 centavo	2	....do	17	1.5

NORTHERN RHODESIA

[United Kingdom and Southern Rhodesian coins circulate in Northern Rhodesia]

NORWAY

1 krone	7	75 copper, 25 nickel	25	5
50 øre	4.8	....do	22	4
Do	4	99.8 zinc, 0.2 cadmium	22	.....
25 øre	2.4	75 copper, 25 nickel	17	3
Do	2	99.8 zinc, 0.2 cadmium	17	.....
10 øre	1.5	75 copper, 25 nickel	15	3
Do	1.25	99.8 zinc, 0.2 cadmium	15	.....
5 øre	7	95 copper, 4 tin, 1 zinc	27	.....
Do	6.944	Iron	27	.....
2 øre	3.5	95 copper, 4 tin, 1 zinc	21	.....
Do	3.472	Iron	21	.....
1 øre	1.74	95 copper, 4 tin, 1 zinc	16	.....
Do	1.736	Iron	16	.....

NYASALAND

[United Kingdom and Southern Rhodesian coins circulate in Nyasaland]

PAKISTAN

1 rupee	11.6638	Pure nickel	27.9	2.2
1/2 rupee	5.8319	....do	24.1	1.6
1/4 rupee	2.916	....do	19.1	1.3
2 annas	5.8319	75 copper, 25 nickel	25.4 22.4	1.5
1 anna	3.8879	....do	21 19.8	1.4
1/2 anna	2.916	....dc	19.8 17.4	1.3
Single pice	1.944	97 copper, 2.5 zinc, 0.5 tin	21.3	.8
Pie piece	1.296	....do	15.9	.8

The 2- and 1/2-anna coins of Pakistan are square with round corners, the anna is scalloped with 12 scallops, and the single pice is round with round hole in center approximately 9.4 millimeters in diameter.

The Pakistan Government on Mar. 31, 1951, declared that with effect from July 1, 1951, the following coins should cease to be legal tender in Pakistan: India nickel and quarternary silver whole rupee coin; and all small India coin of the denominations of half rupee, two annas, one anna, half anna, and single pice.

PANAMA (REPUBLIC OF)

1 balboa	26.73	900 silver, 100 copper	38	2.9
0.50 balboa	12.5	....do	30	2.2
0.25 balboa	6.25	....do	25	1.7
0.10 balboa	2.5	....do	18	1.3
5 centesimos	5	75 copper, 25 nickel	21	2
2 1/2 centesimos	3.3	....do	18	1.8
1 1/4 centesimos	3.11	95 copper, 5 zinc and tin	20	1.6
1 centesimo	3.11	....do	19	1.6

United States coins also circulate in Panama.

Characteristics of coins in circulation in 1953--Continued

PARAGUAY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
50 centimos	6	2 copper, 8 aluminum	25	1.5
25 centimos	5	....do	23	1.5
10 centimos	4	....do	21	1.5
5 centimos	3	....do	19	1.3
1 centimo	2	....do	17	1.1

PERU

100 soles	46.8071	900 gold, 100 copper	37	.....
50 soles	23.40355	....do	30	.....
20 soles	9.36142	....do	25	.....
1 sol	14	70 copper, 30 zinc	33	2
Do	14	75 copper, 20 zinc, 1 nickel	33	2
1/2 sol	7.5	70 copper, 30 zinc	27	1.6
Do	7.5	75 copper, 20 zinc, 1 nickel	27	1.6
20 centavos	7	70 copper, 30 zinc	24	1.9
Do	3.8	....do	24	1
10 centavos	4	....do	20	1.6
Do	2.7	....do	20	1
5 centavos	3	....do	17	1.6
Do	1.87	....do	17	1
2 centavos	10	95 copper, 3 tin, 2 zinc	24	2.3
Do	5	95 copper, 5 zinc	24	1.3
Do	1.4	95 zinc, 5 copper	17	.8
1 centavo	5	95 copper, 3 tin, 2 zinc	19	2
Do	2.5	95 copper, 5 zinc	19	.9
Do	1.1	95 zinc, 5 copper	15	.8

Gold coins of Peru are minted for private account. The sol and half sol denominations are issued by the Central Reserve Bank; all other denominations are issued by the State.

PHILIPPINES

1 peso	20	800 silver, 200 copper	35.7	2.3
50 centavos	10	750 silver, 250 copper	27.6	2.1
20 centavos	4	....do	20.8	2.1
10 centavos	2	....do	16.7	1.6
5 centavos	4.87	65 copper, 12 nickel, 23 zinc	19.1	2.3
1 centavo	5.184	95 copper, 5 zinc	24.8	1.5

PORTUGAL

10 escudos	12.5	835 silver, 165 copper	30	1.7
5 escudos	7	650 silver, 350 copper	25	1.4
2 1/2 escudos	3.5	....do	20	1.1
1 escudo	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
50 centavos	4.5	....do	22.8	1.3
20 centavos	3	95 copper, 3 zinc, 2 tin	20.5	1.1
10 centavos	2	....do	17.5	1

Coins of Portugal circulate in Madeira and the Azores.

Characteristics of coins in circulation in 1953--Continued

PORTUGUESE EAST AFRICA (MOZAMBIQUE)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
20 escudos	10	720 silver, 280 copper	30	1.8
10 escudos	12.5	835 silver, 165 copper	30	1.7
Do.	5	720 silver, 280 copper	24	1.4
5 escudos	7	650 silver, 350 copper	25	1.4
2 1/2 escudos	3.5	....do	20	1.1
Do.	3.5	75 copper, 25 nickel	20	1.3
1 escudo	8	80 copper, 20 nickel	26.8	1.6
Do.	7.5	95 copper, 3 zinc, 2 tin	26.8	1.6
Do.	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
Do.	8	95 copper, 3 zinc, 2 tin	26	.....
50 centavos	4	95 copper, 3 zinc, 2 tin	22.8	1.3
Do.	4.5	80 copper, 20 nickel	22.8	1.3
Do.	4.5	61 copper, 20 zinc, 19 nickel	22.8	1.3
Do.	4	95 copper, 3 zinc, 2 tin	20	.....
20 centavos	5	96 copper, 4 zinc	25	1.2
Do.	3	95 copper, 3 zinc, 2 tin	20.5	1.1
10 centavos	4	96 copper, 4 zinc	22.5	1.2

Old silver coins of 10 and 5 escudos were ordered to be withdrawn from circulation between Nov. 1953 and March 1954 (Order No. 10092 of Nov. 21, 1953).

PORTUGUESE INDIA

1 rupee	11.664	916 2/3 silver, 83 1/3 copper	30	1.7
Do.	12	500 silver, 420 copper, 80 nickel	30	1.9
Do*	12	75 copper, 25 nickel	30	.....
1/2 rupee	5.832	916 2/3 silver, 83 1/3 copper	25	1.2
Do.	5.6	75 copper, 25 nickel	24	1.5
Do*	6	....do	24	.....
1/4 rupee	2.8	....do	19	1.2
Do*	3	....do	18	.....
4 tangas	4	80 copper, 20 nickel	22.5	1.2
2 tangas	3	....do	19	1.2
1 tanga	4	96 copper, 4 zinc	22.5	1.2
Do.	6	95 copper, 3 zinc, 2 tin	25	1.5
Do*	4	....do	20	.....

*Coined but not yet placed in circulation.

PORTUGUESE MACAO

5 patacas	15	720 silver, 280 copper	31	.....
1 pataca	3	....do	19	.....
50 avos	3.5	75 copper, 25 nickel	20	.....
10 avos	4	95 copper, 3 zinc, 2 tin	22	.....
5 avos	2	....do	17	.....

PORTUGUESE TIMOR

50 avos	3.5	650 silver, 350 copper	20	1.1
20 avos	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
10 avos	3	95 copper, 3 zinc, 2 tin	20.5	1.1

PORTUGUESE WEST AFRICA (ANGOLA)

20 angolares	10	720 silver, 280 copper	30	.....
10 angolares	5	....do	24	.....
2 1/2 angolares	3.5	75 copper, 25 nickel	20	.....
1 angolar	8	95 copper, 3 zinc, 2 tin	26	.....
50 centavos	4	....do	20	.....
Do.	4.5	61 copper, 20 zinc, 19 nickel	22.8	1.3
Do.	10.5	....do	30	.....
20 centavos	4.5	....do	23	.....
Do.	3	95 copper, 3 zinc, 2 tin	20.5	1.1
10 centavos	2.5	61 copper, 20 zinc, 19 nickel	19	.....
Do.	2	95 copper, 3 zinc, 2 tin	17.5	1
5 centavos	1.35	61 copper, 20 zinc, 19 nickel	15	.....

Note--Name of the monetary unit of Angola to be changed from ANGOLAR to ESCUDO by Decree-law No. 39515 of Jan. 20, 1954.

Characteristics of coins in circulation in 1953--Continued

PORTUGUESE WEST AFRICA (CAPE VERDE)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
10 escudos	5	720 silver, 280 copper	24	.....
2 1/2 escudos	3.5	75 copper, 25 nickel	20	.....
1 escudo	8	95 copper, 3 zinc, 2 tin	26	.....
Do.	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
50 centavos	4.5	....do	22.8	1.3
20 centavos	5	96 copper, 4 zinc	25	.....
10 centavos	4	....do	22.5	.....
5 centavos	3	....do	19	.....
PORTUGUESE WEST AFRICA (GUINEA)				
20 escudos	10	720 silver, 280 copper	30	.....
10 escudos	5	....do	24	.....
2 1/2 escudos	3.5	75 copper, 25 nickel	20	.....
1 escudo	8	95 copper, 3 zinc, 2 tin	26	.....
Do.	7.5	....do	26.8	1.1
Do.	8	61 copper, 20 zinc, 19 nickel	26.8	.....
50 centavos	4.5	....do	22.8	.....
Do.	4	95 copper, 3 zinc, 2 tin	22.8	1.3
Do.	4	....do	20	.....
20 centavos	5	96 copper, 4 zinc	25	.....
10 centavos	4	....do	22.5	.....
5 centavos	3	....do	19	.....
PORTUGUESE WEST AFRICA (SAN TOME AND PRINCIPE)				
10 escudos	12.5	835 silver, 165 copper	30	1.7
Do.	12.5	720 silver, 280 copper	30	.....
5 escudos	7	650 silver, 350 copper	25	1.4
2 1/2 escudos	3.5	....do	20	1.1
1 escudo	8	80 copper, 20 nickel	26.8	1.6
Do.	8	61 copper, 20 zinc, 19 nickel	26.8	1
50 centavos	4.5	....do	22.8	1.3
Do.	10.5	....do	22.8	.....
20 centavos	4.5	....do	23	.....
10 centavos	2.5	....do	19	.....
REUNION				
2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....
SAINT-PIERRE ET MIQUELON				
2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

SAN MARINO

[Coins of Italy circulate in San Marino]

SARAWAK

[See Malaya]

SARDINIA

[Coins of Italy circulate in Sardinia]

Characteristics of coins in circulation in 1953--Continued

SAUDI ARABIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Saudi sovereign	7.98805	916 2/3 gold, 83 1/3 copper	22	1.7
1 riyal	11.6638	916 2/3 silver, 83 1/3 copper	30.5	1.7
1/2 riyal	5.8319	....do	24.4	1.4
1/4 riyal	2.916	....do	19.5	1.1
1 girsh	6.5	75 copper, 25 nickel	26	1.5
1/2 girsh	5.5	....do	23	1.5
1/4 girsh	4.25	....do	20	1.4

The riyal and Saudi sovereign were interchangeable at rate of 40 riyals per sovereign in 1953. There are 22 girsh in one riyal.

SEYCHELLES

1 rupee	11.6638	500 silver, 400 copper, 50 zinc, 50 nickel.	30	.....
1/2 rupee	5.8319	....do	23.6	.....
25 cents	2.916	....do	19	.....
Do	.....	75 copper, 25 nickel	.....	.....
10 cents (scalloped)	6.8039	....do	25	.....
Do (12-sided)	6.156	79 copper, 20 zinc, 1 nickel	(a)	.....
5 cents	9.7178	95.5 copper, 3 tin, 1.5 zinc	28.4	.....
2 cents	3.8879	....do	23.1	.....
1 cent	1.944	....do	17.8	.....

[a] Across flats, 21.1 mm.; diagonally, 21.9 mm.

SICILY

[Coins of Italy circulate in Sicily]

SINGAPORE

[Malayan coins circulate in the Colony of Singapore and its dependencies, Christmas and Cocos Islands]

SOUTH WEST AFRICA

[Coins of the Union of South Africa circulate in South West Africa]

SOUTHERN RHODESIA

Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc.	38.7	.....
Half-crown (2 1/2 s.)	14.13795	....do	32.3	2.3
Do	14.13795	925 silver, 75 copper	32.3	.....
Do	14.13795	75 copper, 25 nickel	32.3	2.4
Florin (2s.)	11.31036	500 silver, 400 copper, 50 nickel, 50 zinc.	28.5	2.3
Do	11.31036	925 silver, 75 copper	28.5	.....
Do	11.31036	75 copper, 25 nickel	28.5	2.3
Shilling	5.65518	500 silver, 400 copper, 50 nickel, 50 zinc.	23.6	1.8
Do	5.65518	925 silver, 75 copper	23.6	.....
Do	5.65518	75 copper, 25 nickel	23.6	1.8
Sixpence	2.82759	500 silver, 400 copper, 50 nickel, 50 zinc.	19.4	1.4
Do	2.82759	925 silver, 75 copper	19.4	.....
Do	2.82759	75 copper, 25 nickel	19.4	1.5
Threepence	1.41379	500 silver, 400 copper, 50 nickel, 50 zinc.	16.3	1
Do	1.41379	925 silver, 75 copper	16.3	.....
Do	1.41379	75 copper, 25 nickel	16.3	1.1
Penny	6.47989	....do	27	1.7
Do	6.47989	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	27	1.7
Half-penny	2.91595	75 copper, 25 nickel	21	1.4
Do	2.91595	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	21	1.4

Coins of Southern Rhodesia circulate in Northern Rhodesia and Nyasaland where United Kingdom coins also circulate.

Thickness of coins of 925 fineness slightly less than for corresponding denominations of 500 fineness shown in the table.

Characteristics of coins in circulation in 1953--Continued

SPAIN (1952)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
5 pesetas	15	Pure nickel	32	2.5
1 peseta	3.5	90 copper, 10 aluminum	21	1.6
50 centimos	4	75 copper, 25 nickel	20	1.7
10 centimos	1.85	97.5 aluminum, 2.5 copper	23	2
5 centimos	1.15	....do	20	1.6

SPANISH MOROCCO (1952)

5 pesetas	15	Pure nickel	32	2.5
1 peseta	3.5	90 copper, 10 aluminum	21	1.6
50 centimos	4	75 copper, 25 nickel	20	1.7
10 centimos	1.85	97.5 aluminum, 2.5 copper	23	2
5 centimos	1.15	....do	20	1.6

ST. LUCIA

[United Kingdom coins circulate in St. Lucia]

ST. VINCENT

[United Kingdom coins circulate in St. Vincent]

SWAZILAND

[Coins of the Union of South Africa circulate in Swaziland]

SWEDEN

5 kronor	25	800 silver, 100 copper	36	.....
Do	22.88	400 silver, 500 copper, 50 nickel, 50 zinc.	36	.....
2 kronor	15	800 silver, 200 copper	31	.....
Do	14	400 silver, 500 copper, 50 nickel, 50 zinc.	31	.....
1 krona	7.5	800 silver, 200 copper	25	.....
Do	7	400 silver, 500 copper, 50 nickel, 50 zinc.	25	.....
50 ore	5	600 silver, 400 copper	22	.....
Do	4.8	400 silver, 500 copper, 50 nickel, 50 zinc.	22	.....
Do	4.8	75 copper, 25 nickel	22	.....
25 ore	2.42	600 silver, 400 copper	17	.....
Do	2.32	400 silver, 500 copper, 50 nickel, 50 zinc.	17	.....
Do	2.4	75 copper, 25 nickel	17	.....
10 ore	1.45	400 silver, 600 copper	15	.....
Do	1.44	400 silver, 500 copper, 50 nickel, 50 zinc.	15	.....
Do	1.5	75 copper, 25 zinc	15	.....
5 ore	8	95 copper, 4 tin, 1 zinc	27	.....
Do	6.0	Iron	27	.....
2 ore	4	95 copper, 4 tin, 1 zinc	21	.....
Do	3.5	Iron	21	.....
1 ore	2	95 copper, 4 tin, 1 zinc	16	.....
Do	1.7	Iron	16	.....

SWITZERLAND

5 francs	15	835 silver, 165 copper	31	2.6
2 francs	10	....do	27	2.2
1 franc	5	....do	23	1.6
1/2 franc	2.5	....do	18	1.4
20 centimes	4	Nickel	21	1.8
Do	4	75 copper, 25 nickel	21	1.8
10 centimes	3	Nickel	19	1.6
Do	3	75 copper, 25 nickel	19	1.6
5 centimes	2	Nickel	17	1.4
Do	2	75 copper, 25 nickel	17	1.4
2 centimes	3	95 copper, 4 tin, 1 zinc	20	1.5
1 centime	1.5	....do	16	1.2

The 1 and 2 centime zinc coins were withdrawn from circulation in Switzerland during 1951.

Characteristics of coins in circulation in 1953--Continued

SYRIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
100 piastres	10	680 silver, 320 copper	28	2
50 piastres	5	600 silver, 400 copper	24	1.5
25 piastres	2.5	....do	20	1.4
10 piastres	4	75 copper, 25 nickel	21	1.5
5 piastres	4.2	Bronze-aluminum	22.5	1.5
Do	3	75 copper, 25 nickel	19	1.5
2 1/2 piastres	2.9	Bronze-aluminum	21	1.5
Do	2	75 copper, 25 nickel	17	1.5

TAIWAN (FORMOSA)

50 cents	5	720 silver, 280 copper	.....	.....
20 cents	1.8	Pure nickel	.....	.....
10 cents	1.5	95 copper, 5 zinc	.....	.....

THAILAND (1951)

50 satang	5	90 tin, 10 copper	25	1.9
Do	4.5	Copper	23	.....
25 satang	2.5	90 tin, 10 copper	20.5	1.2
Do	2.5	Copper	20.5	.....
20 satang	6	90 tin, 10 copper	22	2.7
10 satang	5	....do	20	2
Do	4	....do	20	1.8
Do	1.75	....do	17.5	1.2
Do	1.75	Tin	17.5	.....
5 satang	3	90 tin, 10 copper	17.5	2
Do	2.5	....do	17.5	1.8
Do	1.25	....do	15	1.2
Do	1.25	Tin	15	.....
1 satang	1.5	90 tin, 10 copper	15	1.3

Silver, nickel, and copper coins issued by Thailand prior to World War II have disappeared from circulation. See previous reports for description of these coins.

TOGO (FRENCH)

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

TRINIDAD AND TOBAGO

[United Kingdom coins circulate in Trinidad and Tobago]

TUNISIA

100 francs	12	75 copper, 25 nickel	31	.....
50 francs	8	....do	27	.....
20 francs	5.5	....do	23	.....
5 francs	12.5	91 copper, 9 aluminum	31	.....
2 francs	8	....do	27	.....
1 franc	4	....do	23	.....

Characteristics of coins in circulation 1953--Continued

TURKEY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 lira (pound)	7.5	600 silver, 400 copper	25	1.6
50 kurus (piasters)	4	....do	20	1.3
25 kurus	4.5	70 copper, 30 zinc	22.5	1.4
10 kurus	2.75	....do	18	1.4
5 kurus	2.25	....do	16	1.4
2-1/2 kurus	3.125	....do	21	1.2
1 kuru	2.25	....do	18	1.2
UNION OF SOUTH AFRICA[1]				
Pound[2]	7.9881	916-2/3 gold, 83-1/3 copper	22	.....
Half pound[2]	3.994	....do	19.5	.....
Crown	28.2759	800 silver, 200 copper; and 500 silver, 450 copper, 50 manganese or, 480 copper, 20 manganese.[3]	38.7	2.4
Half crown	14.13795	....do	32.2	1.7
Florin	11.31036	....do	28.6	1.8
Shilling	5.65518	....do	23.6	1.3
Sixpence	2.82759	....do	19.3	1
Threepence	1.41379	....do	16.2	.7
Penny	9.44984	95 copper, 4.5 zinc, 0.5 tin	30.9	1.4
Halfpenny	5.6699	....do	25.5	1.2
Farthing	2.83495	....do	20.1	1

[1] South African coins also circulate in Basutoland, Bechuanaland, South West Africa, and Swaziland.
[2] Gold pounds and half pounds, minted in 1953, were available in proof sets to collectors, etc. from Oct. 1953.
[3] Fineness of silver coins was changed to 0.500 Mar. 1, 1951.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND[a]

Imperial coins				
Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc; and 75 copper, 25 nickel.[b]	38.7	3
Half-crown	14.13795	....do	32.3	2.4
Florin	11.31036	....do	28.5	2.4
Shilling	5.65518	....do	23.6	1.9
Sixpence	2.82759	....do	19.4	1.7
Threepence	1.41379	....do	16.3	1
Do (12 sided)	6.80388	79 copper, 20 zinc, 1 nickel	21.1 21.9	2.8
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9	2
Halfpenny	5.6699	....do	25.5	1.9
Farthing	2.83495	....do	20.2	1.3
Maundy Money[c]				
Fourpence	1.88506	925 silver, 75 copper	17.6	.....
Threepence	1.41379	....do	16.3	.....
Twopence	0.94253	....do	13.4	.....
Penny	0.47126	....do	11.2	.....

[a] United Kingdom coins are legal tender in the following territories: Jamaica (including Turks and Caicos Islands and Cayman Islands), Bahamas, Barbados, Bermuda, British Guiana, Dominica, Falkland Islands, Grenada, Leeward Islands, Malta, St. Lucia, St. Vincent, Trinidad and Tobago, and Gibraltar.
[b] Cupronickel coins (Coinage Act of 1946) are approximately one-tenth millimeter thicker than silver coins of the same denominations shown in the table.
[c] Maundy Money does not actively circulate, but is minted for distribution of the Royal Maundy at Westminister Abbey on Maundy Thursday.

Characteristics of coins in circulation in 1953--Continued

URUGUAY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 peso	9	720 silver, 280 copper	27	.....
50 centesimos	7	....do	24	.....
20 centesimos	3	....do	18.5	.....
10 centesimos	6	91 copper, 9 aluminum	25	.....
5 centesimos	5	75 copper, 25 nickel	23	.....
Do	5	95.5 copper, 3 tin, 1.5 zinc	23	.....
2 centesimos	3.5	75 copper, 25 nickel	20	.....
Do	3.5	95.5 copper, 3 tin, 1.5 zinc	20	.....
1 centesimo	2	75 copper, 25 nickel	17	.....
VATICAN CITY				
100 Vatican lire	5.1966	900 gold	20.7	1.3
10 Vatican lire	3	96.2 aluminum, 3.5 magnesium, 0.3 manganese.	29	1.7
5 Vatican lire	2.5	....do	26.7	1.8
2 Vatican lire	1.75	....do	24.1	1.5
1 Vatican lira	1.25	....do	21.6	1.3

The 100 Vatican lire denomination is not coined for circulation.

VENEZUELA

5 bolivares	25	900 silver, 100 copper	37	2.4
2 bolivares	10	835 silver, 165 copper	27	2
1 bolivar	5	....do	23	1.3
1/2 bolivar	2.5	....do	18	1
1/4 bolivar	1.25	....do	16	.7
12 1/2 centimos	5	75 copper, 25 nickel	23	1.6
5 centimos	2.5	....do	19	1.3

Gold and silver monetary stocks of principal countries of the world at end of calendar year 1953[1]

Country or international institution	Monetary unit	Exchange rate, average for Dec. 1953[2]	Gold bullion and coin held by Government agencies		Silver bullion and coin--U. S. dollar value			
			Number of fine troy ounces (000 omitted)	U. S. dollar value (000 omitted)	Bullion held by Government agencies (000 omitted)	Coin held by Government agencies (000 omitted)	Coin (estimated) in circulation, including coin in commercial banks (000 omitted)	Total silver (000 omitted)
United States	Dollar	$1.00	[3] 631,159	[3] $22,090,569	[4] $2,171,453	$284,641	$1,426,355	$3,882,449
Austria	Schilling	.03858	1,356	47,469	.....	.....	.....	.....
Bolivia	Boliviano	.00526316	593	20,745	.....	11	.....	11
Brazil	Cruzeiro	.042808	9,172	321,021	.....	.....	.....	.....
British Guiana	Dollar	.583333	.....	.....	.....	.....	[5] 1,167	[5] 1,167
British East Africa[6]	Shilling	.14	.....	.....	.....	1,980	10,891	12,871
Canada	Dollar	1.02754	[7] 28,560	[7] 999,601	3,223	[8] 397	91,619	95,239
Chile	Peso	.00909091	1,198	41,924	.....	.....	.....	.....
Colombia	....do	.512825	2,449	85,727	.....	111	6,960	7,071
Costa Rica	Colon	.178094	58	2,029	.....	.....	.....	.....
Cuba	Peso	1.00	5,307	185,748	.....	12,709	10,045	22,754
Denmark	Krone	.144778	891	31,190	.....	.....	.....	.....
Dominican Republic	Peso	1.00	345	12,076	.....	53	1,687	1,740
Ecuador	Sucre	.0666667	651	22,795	151	788	1,024	1,963
Egypt and Anglo-Egyptian Sudan	Pound	2.87156	4,968	173,880	(9)	(9)	(9)	(9)
El Salvador	Colon	.40	831	29,069	.....	[10] 65	[10] 1,765	[10] 1,830
Ethiopia	Dollar	.4025	114	3,984	5,875	1,042	9,107	16,024
Finland	Markka	.004354	754	26,386	.....	523	794	1,317
France	Franc	.002856	[11] 16,450	[11] 575,748	2,744	.....	.....	2,744
French Morocco	....do	.002856	494	17,283	.....	.....	.....	.....
Germany, Federal Republic	Deutschemark	.238095	9,298	325,428	507	1,472	13,613	15,592
Greece	Drachma	.000033	303	10,615	.....	.....	.....	.....
Guatemala	Quetzal	1.00	778	27,228	50	7	3,224	3,281
Haiti	Gourde	.20	61	2,149	.....	.....	.....	.....
Honduras	Lempira	.50	3	109	.....	[12] 2,637	[12] 2,487	[12] 5,124
Iceland	Krona	.0614036	29	1,016	.....	.....	.....	.....
India	Rupee	.21039	7,066	247,298	(9)	(9)	(9)	(9)
Iran[6]	Rial	.0310078	3,926	137,419	347	496	5,977	6,820
Iraq	Dinar	2.80	.....	.....	.....	728	2,759	3,487
Ireland	Pound	2.8013	502	17,576	.....	.....	4,386	4,386
Italy	Lira	.0016	9,939	347,867	20,961	187	.....	21,148
Japan	Yen	.0277778	3,442	120,464	[13] 8,143	(13)	.....	[13] 8,143
Lebanon[14]	Pound	.309358	992	34,730	.....	848	277	1,125
Luxembourg	Franc	.02	89	3,129	.....	179	161	340
Malaya[15]	Dollar	.32635	.....	.....	.....	401	7,209	7,610
Mexico	Peso	.11626	4,519	158,148	26,233	4,223	46,477	76,933
Netherlands	Florin or guilder	.2641	[11] 21,062	[11] 737,177	14,303	15,680	29,447	59,430

Gold and silver monetary stocks of principal countries of the world at end of calendar year 1953[1]--Continued

Country or international institution	Monetary unit	Exchange rate, average for Dec. 1953[2]	Gold bullion and coin held by Government agencies		Silver bullion and coin—U. S. dollar value			
			Number of fine troy ounces (000 omitted)	U. S. dollar value (000 omitted)	Bullion held by Government agencies (000 omitted)	Coin held by Government agencies (000 omitted)	Coin (estimated) in circulation, including coin in commercial banks (000 omitted)	Total silver (000 omitted)
Netherlands Guiana	Florin or guilder	.530264	199	6,951	.....	.....	.....	.....
New Zealand	Pound	2.7825	945	33,080	.....	.....	[16] 1,391	[16] 1,391
Nicaragua	Cordoba	.20	79	2,757	.....	([16])	([16])	([16])
Norway	Krone	.14015	1,481	51,840	.....	.....	.....	.....
Pakistan	Rupee	.30225	1,097	38,379	.....	.....	.....	.....
Panama	Balboa	1.00	([17])	10	.....	([18]) 1,843	([9])	[18] 1,843
Paraguay	Guarani	[19] .166667	5	190	.....	.....	.....	.....
Peru	Sol	.052	1,038	36,324	.....	([17])	.....	([17])
Philippines	Peso	.49677	269	9,407	128	10,231	37,259	47,618
Portugal	Escudo	.0349	10,305	360,672	274	1,011	9,875	11,160
Portuguese East Africa—Mozambique	....do	.0349	723	25,307	.....	([20])	3,089	3,089
Saudi-Arabia	Riyal	.27	326	11,393	.....	2,215	71,040	73,255
Swedon	Krona	.19323	6,243	218,509	1,177	1,224	47,533	49,934
Switzerland	Franc	.23289	41,670	1,458,453	919	10,084	69,099	80,102
Syria	Pound	.456313	420	14,687	.....	834	4,106	4,940
Thailand	Baht	.08	3,239	113,362	.....	.....	.....	.....
Turkey	Lira	.357143	4,098	143,426	1,085	3,803	11,969	16,857
Union of South Africa	Pound	2.7998	5,058	177,044	892	1,764	32,198	34,854
United Kingdom	....do	2.8103	([9])	([9])	([9])	([9])	[16] 238,876	238,876
Uruguay	Peso	.65833	6,473	226,567	.....	5,735	6,115	11,850
Venezuela	Bolivar	.298507	[21] 10,660	[21] 373,084	.....	8,905	34,300	43,205
Bank for International Settlements	.....	.....	5,527	193,454	.....	.....	.....	.....
International Monetary Fund	.....	.....	48,629	1,702,010	.....	.....	.....	.....
Sum of items above	.....	.....	915,843	32,054,503	2,258,465	376,827	2,244,281	4,879,573
Other[22]	.....	.....	133,014	4,655,497	([9])	([9])	([9])	([9])
Estimated world total (excluding U. S. S. R.)[23]	.....	.....	1,048,857	36,710,000	([9])	([9])	([9])	([9])

[1] Gold is valued on the basis of the legal gold content of the United States dollar (symbol $), i.e., 15-5/21 grains of gold nine-tenths fine. The equivalent dollar value of a fine troy ounce of gold is $35; a gram fine, $1.125275986; and a kilogram fine, $1,125.275986. Silver bullion, except for the United States, is valued on the basis 85-1/4 cents per troy ounce 999/1000 fine, the New York silver bullion market quotation for the month of December 1953. The equivalent dollar value of a fine troy ounce of silver is calculated at $0.85335; a gram fine, $0.027436; and a kilogram fine, $27.436. Silver coins are converted from the nominal or face value in foreign currencies to U. S. dollars at the exchange rates shown in the table and further identified in footnote 2 following.

[2] Exchange rates are December 1953 averages of noon buying rates for cable transfers in New York for foreign currencies as certified to the Secretary of the Treasury by the Federal Reserve Bank of New York for the following countries: Austria, Brazil, Canada, Finland, France, (French Morocco), India, Ireland, Malaya, Mexico, Netherlands, New Zealand, Norway, Philippines, Portugal, (Portuguese East Africa), Sweden, Switzerland, Union of South Africa, United Kingdom, and Uruguay. Other rates are par values established under the Articles of Agreement with the International Monetary Fund and/or domestic rates for U. S. dollars in the countries concerned.

[3] Includes regular Treasury holdings and U. S. Exchange Stabilization Fund holdings.

[4] Silver bullion holdings of the U. S. Treasury totaled 1,705,386,900 fine ounces valued at $2,171,453,345 on Dec. 31, 1953, consisting of 1,655,739,338 ounces at monetary value of $1.2929+ per fine ounce totaling $2,140,753,887 and 49,647,562 ounces at cost value totaling $30,699,458.

[5] British silver coins.

[6] Data are for end of Government financial year. (British East Africa, June 30, 1953. Iran, Mar. 19, 1953).

[7] Includes holdings of the Exchange Fund Account and the Royal Canadian Mint.

[8] Includes silver, nickel, and bronze coins held by the Bank of Canada.

[9] Data are not available for publication.

[10] Includes Salvadoran and U. S. coins which also circulate.

[11] Includes central bank holdings only. Stabilization Fund and/or other gold holdings are not available for publication.

[12] U. S. coins are not legal tender in Honduras after Dec. 31, 1953 and are being withdrawn from circulation.

[13] Silver bullion includes silver coins.

[14] Approximate.

[15] Malayan silver coins, demonetized as from Dec. 31, 1952, are being replaced by cupronickel coins of the same denomination.

[16] Silver coins are being replaced with cupronickel coins of the same denominations.

[17] Less than 500.

[18] Includes Panamanian and U. S. silver and minor coins held by the banks. Amount in circulation not available.

[19] Par value of the guarani to be changed from $0.166667 to $0.0666667 on Jan. 1, 1954.

[20] Former issue of 10 and 5 escudo silver coins was ordered to be withdrawn from circulation in the period Nov. 1953–March 1954.

[21] Does not include gold coins and bullion valued at approximately $13 million held by commercial banks.

[22] For gold, represents difference between estimated world total below and sum of items above. Silver figures are confidential and publication withheld.

[23] World total gold holdings as estimated by the Board of Governors of the Federal Reserve System. Includes reported gold holdings of central banks and governments and international institutions, unpublished holdings of various central banks and governments, estimated holdings of British Equalization Account, and estimated official holdings of countries from which no reports are received.

World production of gold, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]

[Table compiled by the Bureau of Mines, U.S. Department of the Interior]

Country[1]	1944-48 (average)	1949	1950	1951	1952	1953
North America:						
United States (including Alaska)[3]	1,518,159	1,921,949	2,288,708	1,894,726	1,927,000	1,970,000
Canada	3,020,478	4,123,518	4,441,227	4,392,751	4,471,725	4,068,516
Central America and West Indies:						
Costa Rica[4]	2,199	284	115	1	.....	.....
Cuba	453	[4] 5,692	[4] 6,915	[4] 835	[4] 881	[4] 1,181
Dominican Republic[4]	385	993	475	411	332	.....
Guatemala[4]	56	5	397	7	4	3
Haiti	55	.....	.....	.....	.....	.....
Honduras	15,071	25,832	36,545	31,216	31,967	38,988
Nicaragua (exports)	212,772	219,139	229,206	251,160	254,675	261,899
Panama	200	[5] 9,657	1,118	2,897	.....	.....
Salvador (exports)	18,534	27,091	29,053	27,097	27,682	23,359
Mexico	452,207	405,550	408,122	394,007	459,370	483,483
Total	5,240,580	6,739,700	7,441,900	6,995,100	7,173,700	6,847,400
South America:						
Argentina (estimate)	6,600	8,000	8,000	8,000	8,000	8,000
Bolivia	11,130	33,533	7,716	3,200	10,996	[5] 1,032
Brazil	[6] 177,880	[6] 183,500	[6] 195,500	[6] 200,000	[6] 180,000	115,775
British Guiana	19,788	18,988	12,366	13,485	22,237	11,350
Chile	197,828	179,144	190,172	173,646	176,025	130,693
Colombia	443,138	359,474	379,412	430,723	422,240	436,045
Ecuador	72,958	98,382	96,403	12,601	24,294	29,239
French Guiana	17,503	14,757	12,249	12,056	8,231	2,576
Peru	146,679	113,754	127,458	144,765	130,944	128,211
Surinam	4,915	3,794	4,546	6,494	6,134	6,482
Uruguay	[6] 400	.....	.....	.....	.....	.....
Venezuela	54,935	61,378	34,462	2,861	4,797	27,304
Total	[6] 1,154,000	1,075,000	1,068,000	1,008,000	994,000	897,000
Europe:						
Austria	[6] 1,622	(7)	(7)	(7)	(7)	(7)
Bulgaria	[6] 2,000	(7)	(7)	(7)	(7)	(7)
Czechoslovakia	2,507	(7)	(7)	(7)	(7)	(7)
Finland	9,272	14,587	9,465	18,500	20,100	19,483
France	39,996	55,537	63,594	68,127	45,011	36,202
Germany:						
East Germany	[6] [8] 1,000	(7)	(7)	(7)	(7)	(7)
West Germany		1,447	[6] 1,500	1,498	2,009	6,398
Hungary	[9] 6,744	(7)	(7)	(7)	(7)	(7)
Italy	9,259	10,385	10,674	12,089	14,854	12,153
Portugal	6,848	10,385	15,465	18,358	17,940	14,854
Rumania	82,128	112,528	(7)	(7)	(7)	(7)
Spain	4,361	30,318	13,217	12,777	8,944	8,256
Sweden	87,398	80,280	78,866	70,474	65,877	(7)
U.S.S.R. (estimate)[10]	[5] 800,000	7,000,000	8,000,000	9,500,000	9,500,000	[11] 9,000,000
Yugoslavia	[6] 16,141	34,594	42,760	21,380	36,266	[6] 34,300
Total (estimate)	6,100,000	7,400,000	8,400,000	9,800,000	9,800,000	9,300,000
Asia:						
Burma	72	158	150	131	43	647
China	39,147	[6] 60,000	108,000	[6] 100,000	[6] 100,000	[6] 100,000
Cyprus	192	(7)	(7)	(7)	(7)	(7)
India	168,096	164,203	196,925	226,475	243,629	211,124
Indonesia (estimate)	12,800	35,000	42,000	(7)	(7)	(7)
Japan	74,924	84,492	135,033	177,472	201,392	227,627
Korea:						
Korea, Republic of	[6] 233,492	5,466	14,854	7,620	18,647	15,860
North Korea (estimate)		300,000	200,000	(7)	(7)	(7)
Malaya	3,494	13,617	18,436	17,018	19,806	18,203
Philippines	57,503	287,844	333,991	393,602	469,408	480,625
Sarawak	201	1,523	1,440	931	843	442
Saudi Arabia	44,131	66,835	66,202	73,104	69,394	81,566
Taiwan (Formosa)	10,607	19,644	30,446	30,511	33,147	24,821
Thailand	[6] 1,200	(7)	(7)	(7)	(7)	(7)
U.S.S.R.	(10)	(10)	(10)	(10)	(10)	(10)
Total (estimate)	646,000	1,040,000	1,150,000	1,290,000	1,420,000	1,430,000

See footnotes at end of table.

World production of gold, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]--Continued

[Table compiled by the Bureau of Mines, U.S. Department of the Interior]

Country[1]	1944-48 (average)	1949	1950	1951	1952	1953
Africa:						
Angola	695	319	201	61	40	20
Bechuanaland	8,300	256	261	493	1,245	1,109
Belgian Congo[12]	328,741	333,853	339,415	352,308	368,737	371,020
Egypt	2,557	7,045	10,724	16,469	17,059	14,234
Eritrea	2,323	2,243	1,042	675	(7)	[6] 3,000
Ethiopia	42,967	45,102	43,524	32,937	27,291	26,696
French Cameroon	14,172	8,938	7,170	5,422	2,604	1,029
French Equatorial Africa	72,897	57,273	54,996	52,849	51,655	54,180
French Morocco	1,093	643	119	2,069	4,051	2,533
French West Africa	[6 13] 28,219	[13] 47,000	[13] 96,000	5,700	1,500	749
Gold Coast	575,757	676,934	689,441	698,676	691,460	730,963
Kenya	31,211	20,072	22,945	19,765	10,210	9,603
Liberia	17,416	14,656	11,025	[5 14] 9,806	[5 14] 949	863
Madagascar	4,663	1,663	1,935	1,951	1,[illegible]	1,640
Mozambique	6,280	2,468	997	861	831	[6] 1,000
Nigeria	5,201	2,515	2,238	1,566	1,348	689
Northern Rhodesia[15]	1,874	1,186	1,432	857	2,523	3,308
Sierra Leone	1,258	2,330	3,484	3,261	2,638	1,451
Southern Rhodesia	548,548	528,180	511,163	486,907	496,731	501,057
South-West Africa	147	32	32	.....	.....	.....
Sudan	2,883	4,114	3,503	1,495	1,545	(7)
Swaziland	3,909	2,841	1,794	322	1	.....
Tanganyika (exports)	51,550	68,989	65,127	65,224	64,693	69,886
Uganda (exports)	1,918	650	509	223	201	511
Union of South Africa	11,843,311	11,705,048	11,663,713	11,51[illegible],450	11,818,681	11,940,616
Total	13,598,000	13,535,000	13,535,000	13,275,000	13,570,000	13,740,000
Oceania:						
Australia:						
Commonwealth	792,344	890,204	867,837	845,5[illegible]	980,435	1,075,080
New Guinea	29,284	93,045	80,0[illegible]	[illegible],085	122,431	120,568
Papua	143	450	[illegible]88	248	149	141
Fiji	81,037	104,036	103,421	93,635	78,282	[6] 80,500
New Zealand	119,217	84,874	76,527	75,115	59,151	38,656
Total	1,022,025	1,172,609	1,128,672	1,158,619	1,240,448	[6] 1,315,000
World total(estimate)	27,760,000	31,000,000	32,700,000	33,500,000	34,200,000	33,500,000

[1] Figures used derived in part from American Bureau of Metal Statistics. For some countries accurate figures are not possible to obtain owing to clandestine trade in gold (as for example, French West Africa).
[2] This table incorporates a number of revisions of data published in previous gold chapters.
[3] Refinery production. Excludes production of the Philippines.
[4] Imports into United States.
[5] Exports.
[6] Estimate.
[7] Data not available;estimate included in total.
[8] Average for 1944-48.
[9] Includes gold mined in Transylvania, which temporarily formed part of Hungary.
[10] Output from U.S.S.R. in Asia included with U.S.S.R. in Europe.
[11] Production is believed to have decreased because of a probable diversion of forced labor into other activities.
[12] Includes Ruanda-Urundi.
[13] Estimate based on reported production.
[14] Year ended September 30 of year stated.
[15] Included is yield from Nkana mine refinery slimes accumulated during the war: 1946-48 (average), 2,713 ounces; 1949, 972; 1950, 1,296; 1951, 756; 1952, 2,503; and 1953, 2,999.

World production of silver, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1944–48 (average)	1949	1950	1951	1952	1953
North America:						
United States	32,723,180	34,944,554	42,308,739	39,907,257	39,840,300	37,735,500
Canada	14,406,266	17,641,493	23,221,431	23,125,825	25,222,227	28,330,251
Central America and West Indies:						
Costa Rica[3]	1,[illegible]8	720	215	582	.....	.....
Cuba	121,910	[3] 157,411	[3] 221,779	[3] 172,318	[3] 163,211	[3] 167,895
Guatemala	.....	81,502	33[illegible],360	309,857	371,679	328,636
Honduras	2,877,205	3,431,614	3,514,556	3,182,254	3,703,975	4,783,969
Nicaragua	[4] 235,828	[3] 191,082	[3] 133,282	[3] 141,764	[3] 137,309	[3] 443,684
Panama	80	([5])	1,940	5,788	.....	.....
Salvador	[4] 264,851	280,30[illegible]	462,[illegible]73	352,102	368,448	353,169
Mexico	57,236,900	49,454,882	49,141,445	43,7[illegible]7,734	50,353,560	47,886,440
Total	107,868,000	106,184,000	119,346,000	110,996,000	120,161,000	120,030,000
South America:						
Argentina	[6] 2,236,460	1,249,421	1,150,000	1,253,879	962,948	895,474
Bolivia (exports)	6,675,227	6,655,204	6,558,751	7,137,465	7,073,163	6,140,792
Brazil	24,486	21,041	21,155	20,315	17,301	[6] 18,000
Chile	797,666	799,685	746,765	983,491	1,246,356	1,497,807
Colombia	147,507	106,590	115,711	129,773	123,175	117,385
Ecuador	247,800	264,300	273,200	33,600	82,297	86,600
Peru	12,247,246	10,609,648	13,367,700	14,959,129	18,386,141	19,290,445
Total	22,400,000	19,706,000	22,233,000	24,518,000	27,891,000	28,047,000
Europe:						
Austria	2,972	7,427	8,681	5,466	3,858	([5])
Czechoslovakia[6]	932,000	1,608,000	1,608,000	1,608,000	1,608,000	([5])
Finland	127,789	171,150	115,939	157,275	150,083	235,794
France	418,821	580,610	719,85[illegible]	705,902	353,650	344,005
Germany:						
East Germany[6]	[6] 2,684,200	3,215,000	3,215,000	3,536,600	3,536,600	([5])
West Germany		1,601,782	1,637,116	1,819,957	1,877,700	2,314,435
Greece	([5])	.....	.....	64,300	72,403	61,665
Hungary[6]	[7] 135,900	32,200	48,200	48,200	64,300	([5])
Italy	265,925	793,545	850,998	809,234	838,041	832,383
Norway	189,689	170,399	167,184	163,969	147,893	128,603
Poland[6]	42,000	80,400	80,400	96,500	96,500	([5])
Portugal	8,552	31,958	68,288	65,459	77,740	59,447
Rumania[6]	308,500	482,300	578,700	643,000	643,000	([5])
Spain	584,455	514,283	823,831	735,908	553,128	472,000
Sweden	1,189,802	1,140,708	1,275,709	1,145,917	2,196,281	791,822
U.S.S.R.[6]	8,700,000	20,000,000	24,000,000	24,000,000	24,000,000	25,000,000
United Kingdom	24,985	13,996	18,153	26,777	30,734	([5])
Yugoslavia	[6] 780,800	1,917,792	2,386,839	3,032,008	2,577,043	3,048,019
Total[6]	16,600,000	32,000,000	38,000,000	39,000,000	39,000,000	39,000,000
Asia:						
Burma	[6] 110,000	[6] 250,000	1,800	280,720	242,307	579,239
China	([5])	160,000	320,000	320,000	[6] 400,000	([5])
India	12,699	11,275	15,676	14,612	17,675	16,864
Japan	3,391,620	2,887,265	3,964,572	4,609,924	5,288,707	6,022,091
Korea:						
Korea, Republic of	[6] 613,900	20,416	10,160	5,401	11,381	52,177
North Korea[6]		([5])	([5])	([5])	([5])	([5])
Philippines	45,302	218,419	216,034	274,602	693,751	572,046
Saudi Arabia	35,318	81,295	124,287	109,912	111,945	150,626
Taiwan (Formosa)	29,425	17,148	20,603	26,388	[6] 30,000	40,700
Total[6]	4,300,000	3,700,000	4,700,000	5,700,000	6,800,000	7,900,000

See footnotes at end of table.

World production of silver, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]--Continued

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1944-48 (average)	1949	1950	1951	1952	1953
Africa:						
Algeria	31,48[illegible]	32,472	31,765	9,600	(5)	(5)
Bechuanaland	1,116	27	39	70	281	463
Belgian Congo[8]	3,958,187	4,549,330	4,459,981	3,795,266	4,727,252	4,961,631
French Morocco	226,901	736,220	943,367	1,569,000	3,826,260	1,001,174
Gold Coast (exports)	46,963	40,051	43,317	52,542	44,116	44,949
Kenya	8,139	2,279	2,586	2,150	17,315	21,758
Mozambique	795	244	71	96	102	(5)
Nigeria	1,850	484	325	200	270	172
Northern Rhodesia[9]	171,161	134,920	173,304	100,702	348,954	514,699
Southern Rhodesia	93,645	84,495	85,549	79,731	81,356	84,566
South-West Africa	[6] 142,700	642,500	843,737	1,030,066	1,064,335	795,702
Swaziland	115	120	60	18	.....	.....
Tanganyika (exports)	21,079	27,631	31,014	35,697	35,900	41,580
Tunisia	39,912	67,517	73,[illegible]47	61,119	61,086	39,095
Uganda (exports)	186	42	35	14	14	.....
Union of South Africa	1,196,49[illegible]	1,159,375	1,119,135	1,162,588	1,176,433	1,193,152
Total	5,941,000	7,478,000	7,808,000	7,899,000	11,394,000	8,799,000
Oceania:						
Australia:						
Commonwealth	9,214,481	9,[illegible]4[illegible],213	10,677,456	10,732,032	11,425,872	12,538,883
New Guinea[10]	13,432	31,786	30,399	33,603	51,275	[6] 50,000
Fiji	25,506	20,755	37,736	24,869	25,838	19,328
New Zealand	250,323	232,[illegible]9[illegible]	199,701	133,291	51,016	75,888
Total	9,503,800	10,143,000	10,[illegible]945,000	10,984,000	11,554,000	12,684,000
World total (estimate)	166,600,000	179,200,000	203,000,000	199,100,000	216,800,000	216,400,000

[1] Silver is also produced in Bulgaria, Cyprus, Hong Kong, Malaya, Indonesia, Sarawak, and Sierra Leone but production data are not available; estimates are included in total.
[2] This table incorporates a number of revisions of data published in previous Silver chapters.
[3] Imports into the United States. Scrap is included in this figure in many instances, most notably in the case of Cuba.
[4] Exports.
[5] Data not available; estimate included in total.
[6] Estimate.
[7] Data represents Trianon Hungary after October 1944.
[8] Includes Ruanda-Urundi.
[9] Recovered from an accumulation of refinery slimes.
[10] Year ended May 31 of year following that stated.

Summary of world production of gold and silver since the discovery of America

Period or calendar year[1]	Gold		Silver	
	Fine ounces	Value[2]	Fine ounces	Commercial value[2]
1493–1885	358,004,700	$7,400,015,000	[illegible]	$8,[illegible]
1886–1941	1,058,003,400	25,938,[illegible]	[illegible]	[illegible]
1942	36,200,000	1,267,000,000	250,000,000	78,612,500
1943	28,800,000	1,008,000,000	[illegible]	[illegible]
1944	26,200,000	917,000,000	[illegible]	83,184,500
1945	26,100,000	913,500,000	162,000,000	84,123,400
1946	27,600,000	966,000,000	[illegible]	108,203,900
1947	28,900,000	1,011,500,000	167,700,000	120,442,100
1948	30,000,000	1,050,000,000	174,900,000	130,057,400
1949	31,000,000	1,085,000,000	179,200,000	128,898,[illegible]
1950	32,700,000	1,144,500,000	203,000,000	150,563,100
1951	33,500,000	1,172,500,000	199,100,000	177,931,700
1952	34,200,000	1,197,000,000	210,800,000	184,152,100
1953	33,500,000	1,172,500,000	216,400,000	184,346,800
Total	1,784,703,100	46,244,110,800	19,821,763,100	17,092,921,200

[1] Summarized from tables previously published in the Annual Reports of the Director of the Mint. Data for the years 1493–1885 are based upon a table of averages for certain periods compiled by Dr. Adolph Soetbeer; for the years 1886–1941 are from country tables compiled by the Bureau of the Mint; and annual data from 1942 are from country tables (corrected to Nov. 15, 1953) compiled by the Bureau of Mines, U. S. Department of the Interior.

[2] Gold is valued at $20.67183462 per fine ounce from 1493 through 1933, and at $35 per fine ounce thereafter. Silver is valued at commercial rates shown in tables published in the various Annual Reports of the Director of the Mint.

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