ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1953

INCLUDING REPORT ON

THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER

FOR THE CALENDAR YEAR

1952

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Director of the Mint

LETTER OF TRANSMITTAL

DEPARTMENT OF THE TREASURY,
BUREAU OF THE MINT,
Washington, D. C., January 29, 1954.

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, 1953. This is the Eighty-first 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 1952 is also submitted.

Respectfully,

LELAND HOWARD,
Acting 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 1953

The Bureau of the Mint is an operating organization with two major functions, the manufacture of coins and physical custody of the United States monetary stocks of gold and silver, including their purchase and sale.

All United States coins are manufactured by the Bureau of the Mint. Foreign coins are also manufactured at cost for other governments without minting facilities, when orders can be met without impeding the required coinage of the United States. Foreign coins are manufactured in conformance with legal standards of the respective governments which issue them.

Custody of gold and silver involves a number of essential operations. Included are assaying, melting, refining, other treatment, and movement of the various forms of metals received; storage, and such processing and handling as required when gold and silver are sold or otherwise withdrawn.

An important function and also accompaniment to all work engaged in by the Bureau of the Mint is the continuous safeguarding and protection of values which total many billions of dollars.

Approximately 1,000 employees are engaged in these and various other related functions of the Bureau of the Mint in eight separate locations, as follows: Coinage mints in Philadelphia, Pa., San Francisco, Calif., and Denver, Colo.; assay offices in New York, N. Y., and Seattle, Wash.; a gold bullion depository in Fort Knox, Ky.; a silver bullion depository in West Point, N. Y., which operates as an adjunct of the New York Assay Office; and the Office of the Director of the Mint in Washington, D. C. The latter office is the central headquarters where general policies are established, operations of the field institutions are directed and coordinated, and requisite controls are maintained.

The number of coins manufactured during the fiscal year 1953 totaled 1,810,294,266 pieces consisting of 1,619,562,894 United States coins and 190,731,372 foreign coins. This was an increase of 14 percent over the previous fiscal year's production of 1,581,946,448 pieces consisting of 1,551,096,448 United States coins and 30,850,000 foreign coins. Over 7,400 avoirdupois tons of metals including silver, copper, zinc, nickel, and tin were required for the 1953 coinage, of which approximately 6,500 tons were used in United States coins and 900 tons in foreign coins.

The output of United States coins according to denomination was as follows:

1-cent pieces	1,092,044,380
5-cent pieces	106,437,280
Dimes	265,747,473
Quarter dollars	106,640,073
Half dollars	48,693,688
Total pieces	1,619,562,894

Twelve denominations of silver and minor coins of various alloys were manufactured for five foreign governments, as follows:

	Number of pieces
Cuba	71, 000, 000
El Salvador	12, 731, 372
Ethiopia	100, 000, 000
Haiti	4, 500, 000
Honduras	2, 500, 000

Foreign coins have been manufactured for 36 different countries over a period of years.

The demand for coins in the United States continued at a high level during the fiscal year 1953, as in the past several years. Shipments from the mints totaled 1,732,015,620 pieces in 1953, exceeding shipments in 1952 by 26 percent. Minor coins were in greatest demand, and the one-cent denomination comprised 71 percent of total shipments in 1953. Scarce nickel supplies in this fiscal year, as in the previous year, limited production of five-cent coins, and, therefore, restricted the number available for circulation.

Shipments in 1953 included the following denominations:

1-cent pieces	1, 235, 582, 022
5-cent pieces	112, 647, 021
Dimes	237, 227, 442
Quarter dollars	95, 584, 257
Half dollars	41, 191, 799
Silver dollars	9, 783, 079
Total pieces	1, 732, 015, 620

At the close of the fiscal year 1953, the stock of coins in the United States, including coins held in the Treasury, in banks, and in circulation, is estimated to total $2,103,955,262, classified as follows: Silver dollars, $491,517,862; subsidiary silver coins, $1,193,757,500; and minor coins, $418,679,900.

Gold transactions of the Bureau of the Mint institutions during the fiscal year 1953 totaled 33,938,453 fine ounces (value $1,187,-845,842), including receipts and withdrawals of gold for purposes authorized or permitted by law. Receipts amounted to 4,345,579 fine ounces (value $152,095,264), of which 1,470,942 fine ounces (value $51,482,982) were from newly mined domestic production. Withdrawals amounted to 29,592,874 fine ounces (value $1,035,750,-578) including 2,079,904 fine ounces (value $72,796,630) issued for domestic industrial, professional, or artistic purpose. Other withdrawals were principally in connection with the United States settlement of international balances.

Total gold holdings of the Bureau of the Mint institutions at the beginning of the fiscal year 1953 amounted to 667,040,272.561 fine ounces (or 22,870 short tons) valued at $23,346,409,526.73, and at the close of the year 641,792,978.154 fine ounces (or 22,004 short tons) valued at $22,462,754,212.65, a net decrease in holdings during the year of 25,247,294.407 fine ounces valued at $883,655,314.08.

Silver transactions of the Bureau of the Mint institutions totaled 301,581,294 fine ounces during the fiscal year 1953, effecting a net increase in bullion holdings of 58,030,631 fine ounces. A total of

56,105,444 fine ounces of silver was manufactured into United States subsidiary silver coins, 1,147,438 fine ounces of which were provided from uncurrent coins unfit for further circulation which had been returned to the mints and melted during the year. The mints and assay offices received 35,652,052 fine ounces of silver from newly mined domestic production during the year, and 25,702,963 fine ounces were monetized as security for silver certificates. A total of 77,204,699 fine ounces of Treasury silver, returned from nonconsumptive defense use by other agencies of the Federal Government, was reprocessed into regular mint bars during the year. No sales of silver were made during the year under the act of July 31, 1946, and none has been leased under this legislation since its enactment.

Total silver holdings of the Bureau of the Mint institutions at the beginning of the fiscal year 1953 amounted to 1,281,109,243.41 fine ounces valued at $1,586,341,472.15, and at the close of the fiscal year, 1,339,139,874.37 fine ounces valued at $1,684,968,627.36.

Revenues deposited into the general fund of the Treasury by the Bureau of the Mint during the fiscal year 1953 totaled $56,002,250.52, of which $55,302,768.65 was composed of seigniorage, divided as follows: Seigniorage on subsidiary silver coinage, $32,506,793.35; seigniorage on minor coinage, $12,825,765.81; and seigniorage on silver bullion, difference between cost value and monetary value, $9,970,209.49.

A final settlement of accounts, with physical inventory of all bullion, coin, currency, and other values is made annually during the month of June in the coinage mints and assay offices. Special settlements and examinations are also made as required. On January 9, 1953, a committee was jointly appointed by the outgoing Secretary of the Treasury and the Secretary-designate of the incoming Administration to develop plans for verifying and transferring the Government's vast stock of gold and silver and other assets in custody of the Treasury to officials of the incoming Administration. This Committee, which was comprised of four outstanding members of the banking profession, made recommendations which they deemed necessary to provide complete assurance as to the existence of Treasury assets and the proper statement thereof in the Treasury's records. The monetary assets of the Mint were verified in accordance with the procedures recommended by the Committee, and all holdings were found to be as represented in the Mint's accounts.

The management improvement program of the Bureau of the Mint was continued on an active basis throughout the fiscal year 1953 and a number of innovations were adopted during the year resulting in reduced operating costs.

New improvements and mechanisms devised during the past year for more efficient production of coins, together with extension and perfection of projects adopted in previous years, resulted in further reductions in coinage unit costs. Although salary costs have increased approximately 75 percent during the past several years, coinage costs are actually 25 percent lower today than they were several years ago. Coinage unit costs for the fiscal years 1946, 1952, and 1953 are compared, as follows:

Coinage production costs per 1,000 pieces, by denomination

Fiscal year	1-cent	5-cents	10-cents	25-cents	50-cents
1946	$1.59	$2.81	$2.12	$5.10	$8.25
1952	1.10	2.99	1.71	3.49	6.79
1953	1.03	2.72	1.54	3.23	5.99

Representative accomplishments, with savings on an annual basis amounting to $84,000, and other program actions are described below:

Modernization of Philadelphia Mint: Considerable attention has been given to the problem of modernization of coinage production facilities at the Philadelphia Mint. Technicians from several prominent rolling-mill companies have surveyed and studied available space to determine if more efficient production equipment could profitably be utilized. A plan was presented in our budget for the fiscal year 1954 requesting $480,000 to be used for extensive mechanization of operations in the melting and rolling divisions, with minimum building alterations, to permit processing a 400-pound bronze ingot in place of the present 30-pound size. Although savings resulting from increased efficiency would have paid for the entire cost in about 4 years, the plan was withdrawn until the Government is in a more favorable budgetary position.

Modernization of San Francisco Mint: An intensive study has been made of conditions and production facilities at the San Francisco Mint to determine what steps can be taken there, at justifiable cost, to provide such modernization of equipment as will reduce coinage costs. Specialists from outside industry and engineers from the Public Buildings Administration have collaborated with Mint technicians on this study.

Moving, lifting, and storing bullion and coinage metals: Because of the layout of operating areas in Mint buildings, combined with narrow corridors, small vault compartments, low ceilings, etc., the possibility of using efficiently much of the modern handling equipment now available is precluded. A new type of folding conveyor which can be moved into vault compartments has been successfully utilized at the West Point Depository during the past year. Considerable quantities of 75-pound silver bars shipped to the Depository last year were handled with this new equipment. The conveyor stacks bars to a height of about 14 feet when extended at a 45 degree angle. (Estimated annual savings, $14,000.)

Construction of electronic weighing machine: The electronics division of the Bureau of Standards, working in collaboration with technicians from the Mint, has undertaken construction of an automatic coin-blank weighing machine, utilizing electronic principles. A completed machine which has been delivered to the Bureau of Standards is undergoing operational adjustments, and automatic feeding equipment is being installed. It is anticipated that this type of equipment will greatly reduce coin-blank weighing costs in the Mint when funds become available for purchase of additional units.

Mechanization of coin-blank reviewing operations: Coin blanks are visually inspected for imperfections by passing over a moving belt, and defective or discolored pieces are picked out manually, a tedious and costly procedure. A contract was let by San Francisco some time ago for construction of an electronic reviewing machine, but the manufacturer was unable to construct an acceptable mechanism, and the contract was canceled. The problem was next presented to the Bureau of Standards where it received attention from experts in the electronics division, but without success.

Present reviewing operations have been extensively mechanized by utilization of overhead cranes which feed blanks to reviewing belts, and remove inspected material, in 500-pound lots in place of 50-pound lots formerly handled manually. New vibratory feeders assure a constant flow of material across the reviewing belt. These improvements have not only reduced operating costs but have eliminated possible injuries to employees from constantly lifting and feeding heavy quantities of materials. (Estimated annual savings, $12,000.)

Need for automatic strip gauge for 18-inch finishing roll: A large amount of material has been discarded in the rolling operations at Denver because of difficulty in controlling strip thickness as it is passed through the finishing rolls. A magnetic strip gauge was purchased and installed, which was expected to improve rolling operations, but results from this equipment are unsatisfactory up to the present.

Improved handling of coin blanks from blanking presses: Coin blanks and scrap material from blanking operations were formerly discharged into small containers which held approximately 50 pounds of material. It was necessary for the press operator to stop feeding strips into the press every few minutes to manually lift and empty boxes of blanks or scrap. Larger containers with capacity of about 350 pounds are now being used, and handled with overhead cranes. This improvement permits the operator to spend a much greater portion of his time feeding strips into the press, and relieves the physical strain of constantly lifting 50 pound boxes of material. (Estimated annual savings, $11,000.)

Increased accuracy of coin counting operations: Standard practice in coin counting operations has called for one employee to operate one coin counting machine. Coin counting machines at Philadelphia have been rearranged so that one counting machine is located directly over a second machine, and the coins flow automatically from the first machine, after counting, into the second one where they are counted again. Automatic vibratory feeders provide a continuous flow of coins to the machines. One employee now handles the output of four counting machines which is equivalent to two machines under the former method. In addition, the increased accuracy of counting operations permits elimination of weighing of silver coins before sacking. (Estimated annual savings, $16,000.)

Increased output from upsetting machines: Additional equipment, used to form a slightly upset edge on coinage blanks prior to stamping operations, has been equipped with dual disc feeds. This innovation doubles the output of each upsetting machine. (Estimated annual savings, $4,000.)

Adaptation of automatic feeders to 50¢ pieces: Automatic feeders previously installed on weighing machines at Denver for weighing individual coin blanks permit semiautomatic operation of such equipment with consequent reduction in operating costs. These feeders were previously used for 25¢ pieces only, but additional feeding equipment has now been made which utilizes automatic feeders for 50¢ pieces also. (Estimated annual savings, $4,000.)

Reviewing uncurrent coins: Coins unfit for further circulation are returned to the mints in large quantities each year for recoinage. Costly procedures were formerly employed in counting and reviewing uncurrent coins, and sorting out counterfeit pieces, foreign coins, slugs, etc. New streamlined procedures have been effected eliminating much of the tedious labor formerly expended, and spot checking and test counting verification methods have been substituted. Wartime steel pennies and silver nickels are picked out mechanically by unique mechanisms constructed for that purpose. (Estimated annual savings, $11,000.)

Increased output from coining presses: Coining presses at San Francisco have been equipped with large containers which hold a sufficient quantity of blanks to operate a press several hours. Overhead cranes are used to fill the containers, eliminating hand feeding, and each worker now operates additional presses. Personnel changes, resulting in more effective utilization of supervisory and die setting employees, have also increased press output. (Estimated annual savings, $12,000.)

Internal audit program: A formal internal audit program was established for the Mint Service during the past year, and the broad policies and scope of the program were outlined in a special Mint accounting procedures letter issued for that purpose. This audit program, functioning as a part of the Mint's general system of internal control, will provide management with the auditor's findings respecting the effectiveness of financial control throughout the Mint Service; objective views as to the manner in which financial policies and operating procedures have been carried out; and recommendations for improvements in these or any of the other areas with which the audit may be concerned. Projects completed during the past year include: Cooperation with a special committee designated by the Secretary of the Treasury to verify monetary assets to be transferred to the new Administration; a special management-audit survey of the Denver Mint; and a comprehensive review and verification of all monetary assets in the Mint Service as required by statute, at the end of the fiscal year 1953.

Other program factors: Attention was also given to other segments of the management program, including motion picture training, incentive awards, accounting improvement, safety programs, and various other program factors.

REPORT ON UNITED STATES PRODUCTION AND CONSUMPTION OF GOLD AND SILVER, CALENDAR YEAR 1952

The official estimate of production of gold and silver in the United States, made by the Bureau of the Mint, is based upon arrivals at United States Mints and Assay Offices and at privately owned re-

fineries. 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 privately owned refineries is determined from information submitted by them and by intervening smelters, mills, etc., involved in the reduction processes.

United States Mints and Assay Offices received a total of 1,400,862.771 fine ounces of gold valued at $49,030,197 from newly mined domestic production during the calendar year 1952. This was an increase of 111,065.547 fine ounces, valued at $3,887,294, over the previous calendar year's newly mined domestic receipts of 1,289,797.224 fine ounces, valued at $45,142,903. Receipts in 1952 are shown according to source in Table A.

TABLE A.—Newly mined domestic gold received by United States Mints and Assay Offices during the calendar year 1952, 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		3,823.104	52.197	21.136	244,537.009	248,433.446
Arizona		404.253				404.253
California		241,412.920				241,412.920
Colorado			64,743.088			64,743.088
Idaho		7,314.947	692.575		4,157.364	12,164.886
Montana			132.146		263.497	395.643
Nevada		18,641.654	13,935.069		19,072.909	51,649.632
New Mexico		73.325	33.601			106.926
Oregon		263.451	1.817		5,078.769	5,344.037
South Dakota			15,700.044			15,700.044
Washington					90.154	90.154
Unallocated	156.944		18.123		1.121	176.188
Subtotal	156.944	271,933.654	95,308.660	21.136	273,200.823	640,621.217
Private refineries		25,001.814	671,081.500	64,141.349	16.891	760,241.554
Total	156.944	296,935.468	766,390.160	64,162.485	273,217.714	1,400,862.771

Data from the preceding table, "Newly mined domestic gold received by United States Mints and Assay Offices during the calendar year 1952," have been combined with similar data for the same period, reported to the Bureau of the Mint by domestic private refiners, resulting in the total United States refinery production of gold for 1952. South Dakota ranked first with 471,900 ounces, valued at $16,516,500, and Utah second with 450,000 ounces valued at $15,750,000. California ranked third with 263,000 ounces valued at $9,205,000, and Alaska, fourth with 249,800 ounces valued at $8,743,000. These three States and Alaska accounted for nearly three-fourths of the total output. Total production according to States in which the gold was mined is shown in Table B.

United States Mints and Assay Offices received a total of 41,179,100.13 fine ounces of silver from newly mined domestic production during the calendar year 1952. This was an increase of 5,024,512.69 fine ounces over the previous calendar year's newly mined domestic receipts of 36,154,587.44 fine ounces. Receipts in 1952 are shown according to source in Table C.

Data from Table C, "Newly mined domestic silver received by United States Mints and Assay Offices during the calendar year 1952," have been combined with similar data for the same period,

TABLE B.—Production of gold in the United States during the calendar year 1952 (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	249,800	$8,743,000	South Dakota	471,900	$16,516,500
Arizona	113,000	3,955,000	Tennessee	200	7,000
California	263,000	9,205,000	Texas	39	1,365
Colorado	125,000	4,375,000	Utah	450,000	15,750,000
Idaho	34,000	1,190,000	Vermont	160	5,600
Montana	29,900	1,046,500	Washington	54,000	1,890,000
Nevada	125,500	4,392,500	Wyoming	1	35
New Mexico	3,000	105,000			
Oregon	6,000	210,000	Total	1,927,000	67,445,000
Pennsylvania	1,500	52,500			

TABLE C.—Newly mined domestic silver received by United States Mints and Assay Offices during the calendar year 1952, 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		663.12	8.55	1.86	33,568.00	34,241.53
Arizona		129.15				129.15
California		56,766.82				56,766.82
Colorado			17,060.03			17,060.03
Idaho		1,788,602.54	75.42		1,548.85	1,790,226.81
Montana			14.79		13.57	28.36
Nevada		1,872.28	8,188.49		2,510.40	12,571.17
New Mexico		12.37	8.93			21.30
Oregon		36.48	.23		1,138.74	1,175.45
South Dakota			39,311.85			39,311.85
Washington					33.94	33.94
Unallocated			2.38		.11	2.49
Subtotal		1,848,082.76	64,670.67	1.86	38,813.61	1,951,568.90
Private refineries	11,128,139.16	25,716,393.98	2,382,994.25		3.84	39,227,531.23
Total	11,128,139.16	27,564,476.74	2,447,664.92	1.86	38,817.45	41,179,100.13

[1] Includes receipts of newly-mined silver at 90.50505 cents per fine ounce (act of July 31, 1946) and also newly mined silver contained in gold deposits at a rate approximating current market prices during the year.

reported to the Bureau of the Mint by domestic private refiners, resulting in the total United States refinery production of silver for 1952. Idaho was the State of leading production with 14,500,000 ounces, followed by Utah with 7,500,000 ounces. Montana, Arizona, and Colorado ranked third, fourth, and fifth with 6,500,000 ounces, 4,615,000 ounces and 3,000,000 ounces, respectively. These five States accounted for over 90 percent of total output. Total production according to States in which the silver was mined is shown in Table D. Values in the table are calculated at $0.9050505 per fine ounce, the Treasury return for newly mined domestic silver. The New York market price of silver for the year is shown in Tables No. 27 and 28 in the Addenda.

The grand total production of gold in the United States since 1792 amounts to 288,198,171 fine ounces, and silver, 4,146,934,330 fine ounces. Production by year is published on pages 16 and 18 of the 1952 Annual Report.

TABLE D.—Production of silver in the United States during the calendar year 1952 (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	34,600	$31,315	Oregon	4,000	$3,620
Arizona	4,615,000	4,176,808	Pennsylvania	9,200	8,327
California	1,176,000	1,064,339	South Dakota	130,000	117,657
Colorado	3,000,000	2,715,152	Tennessee	57,600	52,131
Idaho	14,500,000	13,123,232	Texas	5,000	4,525
Illinois	4,000	3,620	Utah	7,500,000	6,787,879
Missouri	400,000	362,020	Vermont	46,200	41,813
Montana	6,500,000	5,882,828	Washington	300,000	271,515
Nevada	1,000,000	905,051	Total	39,840,300	36,057,483
New Mexico	500,000	452,525			
New York	58,700	53,126			

Information concerning the United States gold and silver mining industry, including production data based upon a mine canvass of recoverable metals, is compiled by the Bureau of Mines, United States Department of the Interior, Washington 25, D. C.

The estimated industrial consumption of gold and silver in the United States is based upon issues by United States Mints and Assay Offices, private refiners, dealers and manufacturers, plus an estimate of domestic coin melted for industrial use. From the total thus calculated there is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net materials issued.

A statement for the calendar year 1952 follows (Table E):

TABLE E.—Gold and silver issued for use in industry and the arts in the United States during the calendar year 1952

Item	Gold	Silver
	Value [1]	*Fine ounces*
Government-stamped bars issued by United States Mints and Assay Offices	$68,482,239	[2] 263,320
Bullion in various forms issued by private refiners and dealers	58,707,250	121,274,756
Total amount of material issued	127,189,489	121,538,076
Old jewelry, plate, scrap, etc., returned to private refiners, dealers, and to monetary use	30,838,949	25,038,076
Net amount of material issued	96,350,540	96,500,000

[1] Gold valued at $35 per fine ounce.

[2] Sales of silver under authority of the act of July 31, 1946, amounted to 3,099 fine ounces during the calendar year 1952.

ADDENDA TO ANNUAL REPORT OF THE DIRECTOR OF THE MINT FISCAL YEAR ENDED JUNE 30, 1953

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TABLE 1.—United States coins manufactured, fiscal year 1953

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces [1]
SILVER					
Half dollars:					
Regular design	$7,535,236.50	$2,587,000	$14,210,600	$24,332,836.50	48,665,673
Commemorative design: Booker T. Washington—George Washington Carver	4,001.50	5,003	5,003	14,007.50	28,015
Quarter dollars	8,892,618.25	2,849,000	14,918,400	26,660,018.25	106,640,073
Dimes	8,253,447.30	4,276,000	14,045,300	26,574,747.30	265,747,473
Total silver	24,685,303.55	9,717,003	43,179,303	77,581,609.55	421,081,234
MINOR					
5-cent pieces	2,627,319.00	995,945	1,698,600	5,321,864.00	106,437,280
1-cent pieces	1,722,543.80	1,922,200	7,275,700	10,920,443.80	1,092,044,380
Total minor	4,349,862.80	2,918,145	8,974,300	16,242,307.80	1,198,481,660
Total coinage	29,035,166.35	12,635,148	52,153,603	93,823,917.35	1,619,562,894

[1] Gross weight in short tons: Half dollars, 671; quarter dollars, 735; dimes, 732; 5-cent pieces, 587; and 1-cent pieces, 3,744. Total, 6,469 tons.

TABLE 2.—Foreign coins manufactured for other countries by United States Mints, fiscal year 1953

Country and denomination	Composition	Gross weight per coin	Number of coins manufactured		
			Philadelphia	San Francisco	Total [1]
Cuba:		*Grams*			
25 centavos	900 silver, 100 copper	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	50,000,000		50,000,000
Total			71,000,000		71,000,000
El Salvador:		*Grams*			
10 centavos	70 copper, 18 zinc, 12 nickel	7		731,372	731,372
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				12,731,372	12,731,372
Ethiopia:		*Grains*			
25 cents	95 copper, 5 zinc	105	30,000,000		30,000,000
10 cents	do	94	30,000,000		30,000,000
5 cents	do	62	40,000,000		40,000,000
Total			100,000,000		100,000,000
Haiti:		*Grams*			
10 centimes	70 copper, 18 zinc, 12 nickel	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
Honduras: 20 centavos	900 silver, 100 copper	*Grams* 2.5	2,500,000		2,500,000
Grand total			178,000,000	12,731,372	190,731,372

[1] No foreign coins were manufactured by the Denver Mint during the fiscal year 1953.

TABLE 3.—Shipments of United States coins for circulation by the Bureau of the Mint during the fiscal year 1953

Denomination	Number of coins shipped	Face value	Gross weight in short tons
Silver dollars	9,783,079	$9,783,079.00	288
Half dollars	41,191,799	20,595,899.50	568
Quarter dollars	95,584,257	23,896,064.25	659
Dimes	237,227,442	23,722,744.20	654
5-cent pieces	112,647,021	5,632,351.05	621
1-cent pieces	1,235,582,022	12,355,820.22	4,236
Total	1,732,015,620	95,985,958.22	7,026

TABLE 4.—Uncurrent and mutilated United States coins (including assay pieces) returned to Mint institutions and melted, fiscal year 1953

Class and denomination	Number of pieces	Face value
Gold:		
Double eagles	2,239	$44,780.00
Eagles	1,552	15,520.00
Half eagles	1,840	9,200.00
$3 pieces	4	12.00
Quarter eagles	454	1,135.00
$1 pieces	22	22.00
Total gold	6,111	70,669.00
Silver:		
Trade dollars		
Standard dollars	378,993	378,993.00
Half dollars	719,931	359,965.50
Quarter dollars	2,154,699	538,674.75
20-cent pieces	8	1.60
Dimes	3,933,925	393,392.50
Half dimes	737	36.85
3-cent pieces	384	11.52
Total silver	7,188,677	1,671,075.72
Cupronickel:		
5-cent pieces	1,846,710	92,335.50
3-cent pieces	209	6.27
1-cent pieces	25	.25
Total nickel	1,846,944	92,342.02
Copper:		
1-cent pieces	763	$7.63
½-cent pieces	18	.09
Total copper	781	7.72
Bronze and copper-zinc:		
2-cent pieces	382	7.64
1-cent pieces	6,277,512	62,775.12
Total bronze and copper-zinc	6,277,894	62,782.76
Copper-silver-manganese:		
5-cent pieces	643,277	32,163.85
Zinc-coated steel: 1-cent pieces	10,591,870	105,918.70
Total minor	19,360,766	293,215.05
Grand total	26,555,554	2,034,959.77

TABLE 5.—Gold transactions of the Bureau of the Mint, fiscal year 1953, in fine ounces

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 1953	94,891.647	15,954,495.329	166,152,139.115	128,152,528.968	17,207.196	356,669,010.306	667,040,272.561
2. Increases during the fiscal year 1953:							
(1) Newly mined domestic:							
(a) Unrefined	230.408	197,576.354	91,407.720	14,389.097	303,211.042		606,814.621
(b) Refined		29,119.046	752,429.169	82,579.502			864,127.717
Total	230.408	226,695.400	843,836.889	96,968.599	303,211.042		1,470,942.338
(2) U. S. gold coins received and melted	2,037.277	795.739	551.613	15.678	.675		3,400.982
(3) Secondary materials from domestic sources (old jewelry, dental scrap, etc.)	53,877.548	16,401.826	44,612.352	79,444.130	3,243.527		197,579.383
(4) Transfers from other Mint institutions	44,993.062	252,214.420	50.000	55,259.951			352,517.433
(5) Other	296.103	52,052.704	2,610.596	2,266,157.260	22.439		2,321,139.102
Total increases	101,434.398	548,160.089	891,661.450	2,497,845.618	306,477.683		4,345,579.238
3. Decreases during the fiscal year 1953:							
(1) Issued for domestic industrial, professional, and artistic use:							
(a) Sold for cash	24,618.859	19,881.032	94,811.729	1,936,230.422			2,075,542.042
(b) Exchanged for secondary materials from domestic sources	3,881.629	480.059					4,361.688
Total	28,500.488	20,361.091	94,811.729	1,936,230.422			2,079,903.730
(2) Bar payment for gold bullion		52,496.196		2,248,555.168			2,301,051.364
(3) Transfers to other Mint institutions	55,242.923			45,043.062	252,200.976	17.028	352,503.989
(4) Withdrawals to settle international balances and other withdrawals	475.652	1,114.599	616.376	24,857,207.935			24,859,414.562
Total decreases	84,219.063	73,971.886	95,428.105	29,087,036.587	252,200.976	17.028	29,592,873.645
4. Gold held at close of fiscal year 1953	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

TABLE 6.—Gold transactions of the Bureau of the Mint, fiscal 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 fiscal year 1953	$3,321,188.58	$558,407,336.60	$5,815,324,869.37	$4,485,338,519.67	$602,252.23	$12,483,415,360.28	$23,346,409,526.73
2. Increases during the fiscal year 1953:							
(1) Newly mined domestic:							
(a) Unrefined	8,064.28	6,915,172.39	3,199,270.20	503,618.38	10,612,386.42		21,238,511.67
(b) Refined		1,019,166.61	26,335,020.92	2,890,282.55			30,244,470.08
Total	8,064.28	7,934,339.00	29,534,291.12	3,393,900.93	10,612,386.42		51,482,981.75
(2) U. S. gold coins received and melted	71,193.49	27,794.48	19,306.46	548.73	23.63		118,866.79
(3) Secondary materials from domestic sources (old jewelry, dental scrap, etc.)	1,885,726.16	574,063.91	1,561,432.40	2,780,537.44	113,523.66		6,915,283.57
(4) Transfers from other Mint institutions	1,574,757.17	8,827,504.70	1,750.00	1,934,098.29			12,338,110.16
(5) Other	10,459.42	1,821,901.10	91,370.95	79,315,504.73	785.38		81,240,021.58
Total increases	3,550,200.52	19,185,603.19	31,208,150.93	87,424,590.12	10,726,719.09		152,095,263.85
3. Decreases during the fiscal year 1953:							
(1) Issued for domestic industrial, professional, and artistic use:							
(a) Sold for cash	861,660.49	695,836.25	3,318,410.52	67,768,064.28			72,643,971.54
(b) Exchanged for secondary materials from domestic sources	135,857.13	16,802.07					152,659.20
Total	997,517.62	712,638.32	3,318,410.52	67,768,064.28			72,796,630.74
(2) Bar payment for gold bullion		1,837,366.86		78,699,430.90			80,536,797.76
(3) Transfers to other Mint institutions	1,933,502.31			1,576,507.17	8,827,034.17	595.98	12,337,639.63
(4) Withdrawals to settle international balances and other withdrawals	16,647.86	39,010.98	21,573.16	870,902,277.80			870,079,509.80
Total decreases	2,947,667.79	2,589,016.16	3,339,983.68	1,018,046,280.15	8,827,034.17	595.98	1,035,750,577.93
4. Gold held at close of fiscal year 1953	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

TABLE 7.—Silver bullion transactions of the Bureau of the Mint, fiscal year 1953, in fine ounces [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 1953:						
(1) At monetary value	53,065,263.10	578,096,036.84	167,063,150.83	376,128,609.68		1,174,353,060.45
(2) At cost value	81,619,189.52	14,234,767.69	9,667,048.27	1,231,525.22	3,579.56	106,756,110.26
(3) At recoinage value		72.70				72.70
Total holdings	134,684,452.62	592,330,877.23	176,730,199.10	377,360,134.90	3,579.56	1,281,109,243.41
2. Increases during the fiscal year 1953:						
(1) Newly mined domestic (act of July 31, 1946):						
(a) Unrefined	1.32	1,168,225.88	146,384.98	230.46	34,631.27	1,349,473.91
(b) Refined	8,510,377.40	23,057,120.95	2,735,080.00			34,302,578.35
Total	8,510,378.72	24,225,346.83	2,881,464.98	230.46	34,631.27	35,652,052.26
(2) Silver bullion ordinary (silver in gold deposits, mutilated coins, etc.)	71,175.22	23,319.44	46,476.19	21,849.56	9,970.91	172,791.32
(3) Recoinage bullion from uncurrent U. S. silver coins melted:						
(a) Standard silver dollars	168,298.03	58,960.32	53,152.92			280,411.27
(b) All other silver coins	577,918.29	164,542.49	124,566.28			867,027.06
Total	746,216.32	223,502.81	177,719.20			1,147,438.33
(4) Transfers from other Mint institutions [2]	31,001,308.40	1,036,264.45	32,526,814.10	700,547.03		65,264,933.98
(5) Return of Treasury silver:						
(a) Reconstruction Finance Corporation silver custody account	18,337,736.56		7,820,811.47			26,158,548.03
(b) Other U. S. Government agencies				51,046,151.20		51,046,151.20
(6) Other	19,114.57	169,190.70		175,727.29	14.77	364,047.33
Total increases	58,685,929.79	25,677,624.23	43,453,285.94	51,944,505.54	44,616.95	179,805,962.45
3. Decreases during the fiscal year 1953:						
(1) Processed into U. S. silver subsidiary coins	17,825,600.47	7,022,836.39	31,257,006.82			56,105,443.68
(2) Bar payment for silver:						
(a) For secondary materials from domestic sources	19,114.57	157,389.07		175,727.29		352,230.93
(b) All other		11,801.63				11,801.63
Total	19,114.57	169,190.70		175,727.29		364,032.56
(3) Sales under act of July 31, 1946						
(4) Transfers to other Mint institutions [2]	33,492,337.21	1,000,000.83	30,367,511.96	367,511.96	36,248.45	65,263,610.41
(5) Other	25,072.03	7,794.84	8,702.77	675.20		42,244.84
Total decreases	51,362,124.28	8,199,822.76	61,633,221.55	543,914.45	36,248.45	121,775,331.49
4. Silver bullion held at close of fiscal year 1953:						
(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

[1] Does not include silver deposited by foreign governments for foreign coinage orders.

[2] Includes physical and book transfers.

TABLE 8.—Silver bullion transactions of the Bureau of the Mint, fiscal 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 fiscal year 1953:						
(1) At monetary value	$68, 609, 632. 62	$747, 437, 299. 39	$216, 000, 841. 40	$486, 307, 694. 18		$1, 518, 355, 467. 59
(2) At cost value	49, 593, 690. 60	9, 510, 972. 37	8, 049, 667. 83	828, 758. 98	$2, 814. 28	67, 985, 904. 06
(3) At recoinage value		100. 50				100. 50
Total holdings	118, 203, 323. 22	756, 948, 372. 26	224, 050, 509. 23	487, 136, 453. 16	2, 814. 28	1, 586, 341, 472. 15
2. Increases during the fiscal year 1953:						
(1) Newly mined domestic (act of July 31, 1946):						
(a) Unrefined	1. 12	1, 057, 303. 42	132, 485. 85	208. 58	31, 342. 86	1, 221, 341. 83
(b) Refined	7, 702, 321. 18	20, 867, 858. 83	2, 475, 385. 53			31, 045, 565. 54
Total	7, 702, 322. 30	21, 925, 162. 25	2, 607, 871. 38	208. 58	31, 342. 86	32, 266, 907. 37
(2) Silver bullion ordinary (silver in gold deposits, mutilated coins, etc.)	59, 421. 52	18, 230. 94	31, 931. 12	18, 284. 65	8, 297. 50	136, 165. 73
(3) Recoinage bullion from uncurrent U. S. silver coins melted:						
(a) Standard silver dollars	217, 597. 44	76, 231. 52	68, 722. 97			362, 551. 93
(b) All other silver coins	798, 895. 92	227, 465. 00	172, 201. 53			1, 198, 562. 45
Total	1, 016, 493. 36	303, 696. 52	240, 924. 50			1, 561, 114. 38
(4) Transfers from other Mint institutions [2]	39, 694, 738. 01	1, 325, 024. 06	19, 652, 671. 41	776, 580. 52		61, 449, 014. 00
(5) Return of Treasury silver:						
(a) Reconstruction Finance Corporation silver custody account	23, 709, 396. 76		10, 111, 756. 30			33, 821, 153. 06
(b) Other U. S. Government agencies				65, 999, 064. 15		65, 999, 064. 15
(6) Increase due to revaluation of silver to secure silver certificates	2, 366, 061. 01	7, 602, 424. 29	1, 724. 19			9, 970, 209. 49
(7) Other	16, 061. 48	142, 544. 29		147, 534. 85	12. 53	306, 173. 15
Total increases	74, 564, 514. 44	31, 317, 082. 35	32, 646, 878. 90	66, 941, 672. 75	39, 652. 89	205, 509, 801. 33
3. Decreases during the fiscal year 1953:						
(1) Processed into U. S. silver subsidiary coins	16, 143, 157. 16	5, 968, 454. 81	22, 993, 435. 21			45, 105, 047. 18
(2) Bar payment for silver:						
(a) For secondary materials from domestic sources	16, 059. 09	132, 601. 34		147, 534. 85		296, 194. 28
(b) All other		9, 942. 95				9, 942. 95
Total	16, 058. 09	142, 544. 29		147, 534. 85		306, 137. 23
(3) Sales under act of July 31, 1946						
(4) Transfers to other Mint institutions [2]	20, 985, 672. 25	905, 051. 25	39, 263, 045. 74	261, 341. 99	32, 081. 25	61, 447, 192. 48
(5) Other	13, 584. 56	5, 557. 64	4, 680. 44	446. 59		24, 269. 23
Total decreases	37, 158, 472. 06	7, 021, 607. 99	62, 261, 161. 39	409, 323. 43	32, 081. 25	106, 882, 646. 12
4. Silver bullion held at close of fiscal year 1953:						
(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

[1] Does not include silver deposited by foreign governments for foreign coinage orders.

[2] Includes physical and book transfers.

TABLE 9.—Miscellaneous operating data, Bureau of the Mint, fiscal year 1953

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
1. Gold and silver bullion deposit transactions, number	1,725	2,387	1,016	3,023	783	8,934
2. Gold and silver deposit assay determinations, number	5,378	3,445	4,380	3,525	1,063	17,791
3. Gold bullion processed by the refineries, fine ounces:						
Electrolytic process			561,559.040			561,559.040
"Fire" process			512,446.352	1,755,403.495		2,267,849.847
4. Silver bullion processed by the refineries, fine ounces:						
Electrolytic process			834,793.42			834,793.42
"Fire" process				51,152,543.39		51,152,543.39
5. Gold bars manufactured into special size bars (less than 400 ounces) for sale to industry:						
Number of bars	387	1,415	1,000	19,464		22,266
Fine ounces contained	28,500.488	79,713.491	60,035.292	1,755,403.495		1,923,652.766
6. Sweeps material available for sale:						
Quantity, avoirdupois pounds	15,462	39,874	147,165	13,121	[1] 5,584	221,206
Gold content, fine ounces	236.360	1,168.241	694.683	65.080	[1] 191.279	2,355.643
Silver content, fine ounces	25,147.94	4,135.01	17,379.99	675.20	[1] 6,694.77	54,032.91
Sweeps material sold:						
Quantity, avoirdupois pounds	15,462	31,530	81,902	13,121	[1] 5,584	147,599
Gold content, fine ounces	236.360	1,099.582	328.992	65.080	[1] 191.279	1,921.293
Silver content, fine ounces	25,147.94	2,833.29	8,702.77	675.20	[1] 6,694.77	44,053.97
7. Operating gains (+) and losses (−):						
Gold bullion, fine ounces:						
Melting and refining	+56.644	+107.823	−152.039	+245.585		[2] +276.169
Coining (medals and sweeps)	+15.542	+2.614				
Silver bullion, fine ounces:						
Melting and refining	+30,693.36	+2,506.22	+36,685.15	+787.31		[2] +55,530.74
Coining	−4,338.61	−2,409.06	−8,453.63			
Nickel alloy, gross ounces:						
Melting and refining	−77,456.63	−29,523.31	−586.50			−147,763.71
Coining	−25,188.84	−11,278.89	−3,729.54			
Bronze alloy, gross ounces:						
Melting and refining	−346,588.58	−34,173.74	−66,265.07			−659,635.60
Coining	−87,120.20	−28,633.84	−96,853.27			
8. Stock of unrefined bullion held on June 30, 1953, fine ounces:						
Gold	19,803,225	4,063,920,781	15,007,003,646	9,256,286,555	71,483,903	28,418,498,110
Silver	137,783.38	5,304,019.59	5,092,558.23	9,505,908.36	11,948.06	20,052,217.62

[1] Handled by the San Francisco Mint.
[2] Net.

TABLE 10.—Detail of revenues deposited into the general fund of the Treasury by the Bureau of the Mint during the fiscal year 1953

Item	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	$8,578,903.94	$3,746,777.71	$20,181,111.70			$32,506,793.35
Seigniorage on minor coinage	3,605,706.44	2,317,219.57	6,902,839.80			12,825,765.81
Seigniorage on silver bullion, difference between cost value and monetary value	2,366,061.01	7,602,424.29	1,724.19			9,970,209.49
Charges on bullion deposits	24,729.55	60,423.19	21,804.79	$70,255.34	$27,050.23	204,263.10
Bar charges on bullion recovered	1,057.34	683.45	2,708.44	32,965.06		37,414.29
Proceeds of surplus bullion recovered	57,943.53	7,591.34	20,780.02	3,452.60	8,904.80	98,672.29
Handling charges on gold purchases	4,395.56	21,169.81	81,663.32	16,944.48	26,814.33	150,987.50
Handling charges on gold sales	2,188.32	1,726.40	8,218.12	150,837.61		162,970.45
Charges on sales and handling, not otherwise classified	430.50		1.50			432.00
Commissions on telephone pay stations in Federal buildings outside of Washington, D. C	109.11	50.28	53.94			213.33
Fees, vending machines			169.56			169.56
Unclaimed funds and abandoned property, not otherwise classified	3.10			50.00		53.10
Fines, penalties, and forfeitures, not otherwise classified		7,057.87		9,693.99		16,751.86
Moneys received from persons unknown	1.82					1.82
Sale of stores	3,292.03					3,292.03
Testing fees	308.00	3.00		2,413.00	308.50	3,532.50
Fees and other charges for administrative, professional, and scientific services, not otherwise classified	64.86					64.86
Fees and other charges for miscellaneous services, not otherwise classified	654.51	167.17	576.54	40.00		1,438.22
Sale of scrap and salvaged surplus materials	7,998.97	622.20	3,091.52	3,191.23		14,903.92
Sale of equipment	400.00	540.00				940.00
Proceeds from sales of Government property, not otherwise classified		34.20				34.20
Recoveries, jury duty			21.00	48.00		69.00
Refund of utility charges				1,748.92		1,748.92
Refund on empty containers	236.69	10.00		336.00		582.69
Recoveries and refunds, not otherwise classified			1.00			1.00
Total general account receipts	14,654,985.28	13,766,500.48	27,224,765.44	291,976.23	63,077.86	56,001,305.29
SPECIAL ACCOUNT RECEIPTS						
Increment resulting from reduction in the weight of the gold dollar	202.16	100.61	62.19	482.76	97.51	945.23
Total receipts	14,655,187.44	13,766,601.09	27,224,827.63	292,458.99	63,175.37	56,002,250.52

TABLE 11.—Analysis of monetary assets and liabilities of the Bureau of the Mint on June 30, 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	$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
Silver bullion	155,609,365.60	781,243,846.62	194,436,226.74	553,668,802.48	10,385.92		1,684,968,627.36
Silver coin	147,516,875.05	20,350,622.45	12,341,047.15	46,385,000.00			226,593,544.65
Minor coin	113,769.44	565,601.10	56,445.80				735,816.34
Unclassified cash	1,110.27	14,424.74	5,108.42	109,795.03			130,438.46
Minor coinage metal	269,920.31	187,144.90	134,103.09				591,168.30
Reimbursable losses on melted coin	1,471.71		207.21				1,678.92
Checking credit with U. S. Treasurer	184,606.94	27,697.53	242,971.16				455,275.63
Total assets	307,620,840.63	1,377,393,260.97	6,050,409,146.19	4,154,880,427.15	2,512,323.07	12,483,414,764.30	24,376,230,762.31
LIABILITIES							
Bullion fund	307,162,794.39	1,377,178,417.44	6,050,028,930.04	4,154,878,357.82	2,512,323.07	12,483,414,764.30	24,375,175,587.06
Minor coinage metal fund [1]	456,676.69	182,499.35	380,216.15				1,019,392.19
Accounts payable		32,344.18		2,069.33			34,413.51
Unapplied receipts	1,369.55						1,369.55
Total liabilities	307,620,840.63	1,377,393,260.97	6,050,409,146.19	4,154,880,427.15	2,512,323.07	12,483,414,764.30	24,376,230,762.31

[1] Includes $19,392.19 in uncurrent minor coin metal accounts: Philadelphia, $6,676.69 San Francisco, $7,499.35; and Denver, $5,216.15.

TABLE 12.—Personnel of the Bureau of the Mint

Bureau of the Mint	Number of employees										
	General	Coining	Melting and refining	Deposits	Guard force	Mechanical	Engraving	Assaying	Custodial force	Total June 30, 1953	Total June 30, 1952
Office of the Director	57									57	60
Philadelphia Mint	36	105	62	12	32	38	16	5	11	317	325
San Francisco Mint	21	37	40	7	23	20		7	3	158	167
Denver Mint	37	103	54	6	25	31		6	8	270	259
New York Assay Office	29		46	17	22	11		15	5	145	146
West Point Depository					15	1			2	18	17
Seattle Assay Office	3			3	3			2		11	11
Fort Knox Depository	3				28	2			2	35	37
Total, June 30, 1953	186	245	202	45	148	103	16	35	31	1,011	
Total, June 30, 1952	202	257	176	41	155	106	16	38	29		1,020

TABLE 13.—United States coins manufactured, calendar year 1952

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces [1]
SILVER					
Half dollars:					
Regular design	$10,637,036.50	$2,763,000.00	$12,697,800.00	$26,097,836.50	52,195,673
Commemorative design. Booker T. Washington—George Washington Carver	1,003,146.00	4,003.00	4,003.00	1,011,152.00	2,022,304
Quarter dollars	9,715,518.25	3,426,950.00	12,448,800.00	25,591,268.25	102,365,073
Dimes	9,912,207.30	4,441,950.00	12,210,000.00	26,564,157.30	265,641,573
Total silver	31,267,908.05	10,635,903.00	37,360,603.00	79,264,414.05	422,224,623
MINOR					
5-cent pieces	3,203,499.00	1,028,600.00	1,531,900.00	5,763,999.00	115,279,980
1-cent pieces	1,868,569.80	1,378,000.04	7,461,300.00	10,707,869.84	1,070,736,984
Total minor	5,072,068.80	2,406,600.04	8,993,200.00	16,471,868.84	1,186,016,964
Total coinage	36,339,976.85	13,042,503.04	46,353,803.00	95,736,282.89	1,608,291,587

[1] Gross weight in short tons: Half dollars, 747; quarter dollars, 705; dimes, 732; 5-cent pieces, 636; and 1-cent pieces, 3,671. Total, 6,491 tons.

TABLE 14.—Foreign coins manufactured for other countries by United States Mints, calendar year 1952

Country and denomination	Composition	Gross weight per coin	Number of coins manufactured		
			Philadelphia	San Francisco	Total [1]
Costa Rica:		*Grams*			
10 centimos	75 copper, 25 nickel	2	2,500,000		2,500,000
5 centimos	do	1	7,000,000		7,000,000
Total			9,500,000		9,500,000
Cuba:					
40 centavos	900 silver, 100 copper	10	1,250,000		1,250,000
20 centavos	do	5	6,700,000		6,700,000
10 centavos	do	2.5	10,000,000		10,000,000
1 centavo	70 copper, 30 zinc	2.3	2,160,000		2,160,000
Total			20,110,000		20,110,000
El Salvador:					
10 centavos	70 copper, 18 zinc, 12 nickel	7		336,000	336,000
5 centavos	do	5		2,000,000	2,000,000
Total				2,336,000	2,336,000
Ethiopia:		*Grains*			
25 cents	95 copper, 5 zinc	105	1,299,000		1,299,000
10 cents	do	94	5,000,000		5,000,000
5 cents	do	62	5,112,000		5,112,000
Total			11,411,000		11,411,000
Honduras: 20 centavos	900 silver, 100 copper	*Grams* 2.5	2,500,000		2,500,000
Grand total			43,521,000	2,336,000	45,857,000

[1] No foreign coins were manufactured by the Denver Mint in 1952.

TABLE 15.—Shipments of United States coins for circulation by the Bureau of the Mint during the calendar year 1952

Denomination	Number of coins shipped	Face value	Gross weight in short tons
Silver dollars	10,588,000	$10,588,000.00	312
Half dollars	51,943,787	25,971,893.50	716
Quarter dollars	102,292,245	25,573,061.25	705
Dimes	259,621,216	25,962,121.60	715
5-cent pieces	115,275,075	5,763,753.75	635
1-cent pieces	1,098,270,975	10,982,709.75	3,766
Total	1,637,991,298	104,841,539.85	6,849

TABLE 16.—Uncurrent and mutilated United States coins (including assay pieces) returned to Mint institutions and melted, calendar year 1952

Class and denomination	Number of pieces	Face value	Class and denomination	Number of pieces	Face value
Gold:			Cupronickel—Con.		
Double eagles	2,285	$45,700.00	1-cent pieces	472	$4.72
Eagles	1,682	16,820.00	Total nickel	2,869,160	143,436.08
Half eagles	2,578	12,890.00			
$3 pieces	4	12.00	Copper:		
Quarter eagles	885	2,212.50	1-cent pieces	299	2.99
$1 pieces	66	66.00	½-cent pieces	6	.03
Total gold	7,500	77,700.50	Total copper	305	3.02
Silver:					
Trade dollars	1	1.00	Bronze and copper zinc:		
Standard dollars	363,058	363,058.00	2-cent pieces	83	1.66
Half dollars	1,168,281	584,140.50	1-cent pieces	5,609,597	56,095.97
Quarter dollars	2,856,646	714,161.50	Total bronze and copper-zinc	5,609,680	56,097.63
20-cent pieces	1	.20	Copper-silver-manganese:		
Dimes	4,441,287	444,128.70	5-cent pieces	500,567	25,028.35
Half dimes	534	26.70	Zinc-coated steel: 1-cent pieces	13,427,897	134,278.97
3-cent pieces	187	5.61			
Total silver	8,829,995	2,105,522.21	Total minor	22,407,909	358,844.05
Cupronickel:					
5-cent pieces	2,868,536	143,426.80	Grand total	31,245,104	2,542,066.76
3-cent pieces	152	4.56			

TABLE 17.—Gold transactions of the Bureau of the Mint, calendar year 1952, in fine ounces

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 1952	132,077.651	15,734,159.844	165,818,746.539	110,040,088.422	43,852.367	356,669,010.306	648,437,935.129
2. Increases during the calendar year 1952:							
(1) Newly mined domestic:							
(a) Unrefined	156.944	271,933.654	95,308.660	21.136	273,200.823		640,621.217
(b) Refined		25,001.814	671,081.500	64,141.349	16.891		760,241.554
Total	156.944	296,935.468	766,390.160	64,162.485	273,217.714		1,400,862.771
(2) U. S. gold coins received and melted	2,139.959	580.880	274.719	748.105			3,743.663
(3) Secondary materials from domestic sources (old jewelry, dental scrap, etc.)	51,281.557	14,167.908	38,937.080	70,260.367	2,602.478		177,249.390
(4) Transfers from other Mint institutions	44,993.062	133,636.294	50.000	91,159.956			269,839.312
(5) Other	328.180	89,270.570	11,101.641	22,129,785.289	15.633		22,230,501.313
Total increases	98,899.702	534,591.120	816,753.600	22,356,116.202	275,835.825		24,082,196.449
3. Decreases during the calendar year 1952:							
(1) Issued for domestic industrial, professional, and artistic use:							
(a) Sold for cash	21,674.626	20,816.287	82,029.863	1,830,611.074			1,955,131.850
(b) Exchanged for secondary materials from domestic sources	965.372						965.372
Total	22,639.998	20,816.287	82,029.863	1,830,611.074			1,956,097.222
(2) Bar payment for gold bullion		77,576.438	26.199	2,202,263.630			2,279,866.267
(3) Transfers to other Mint institutions	91,159.956			45,093.062	133,565.142		269,818.160
(4) Withdrawals to settle international balances and other withdrawals	412.812	2,139.713		5,528,022.376			5,530,574.901
Total decreases	114,212.766	100,532.438	82,056.062	9,605,990.142	133,565.142		10,036,356.550
4. Gold held at close of calendar year 1952	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

TABLE 18.—Gold transactions of the Bureau of the Mint, calendar year 1952, 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 1952	$4,622,700.74	$550,695,594.64	$5,803,656,129.12	$3,851,403,103.93	$1,534,833.63	$12,483,415,360.28	$22,695,327,722.34
2. Increases during the calendar year 1952:							
(1) Newly mined domestic:							
(a) Unrefined	5,493.04	9,517,677.89	3,335,803.09	739.76	9,552,028.10		22,411,741.88
(b) Refined		875,063.49	23,487,852.50	2,244,947.20	591.18		26,608,454.37
Total	5,493.04	10,392,741.38	26,823,655.59	2,245,686.96	9,552,619.28		49,020,196.25
(2) U. S. gold coins received and melted	74,776.94	20,250.12	9,615.17	26,183.67			130,825.90
(3) Secondary materials from domestic sources (old jewelry, dental scrap, etc.)	1,794,851.03	495,876.78	1,362,797.83	2,459,105.77	101,086.46		6,213,717.87
(4) Transfers from other Mint institutions	1,574,757.17	4,677,270.28	1,750.00	3,190,598.47			9,444,375.92
(5) Other	11,607.91	3,124,550.65	388,557.64	774,542,485.07	547.16		778,067,748.43
Total increases	3,461,486.09	18,710,689.21	28,586,376.23	782,464,059.94	9,654,252.90		842,876,864.37
3. Decreases during the calendar year 1952:							
(1) Issued for domestic industrial, professional, and artistic use:							
(a) Sold for cash	758,612.30	728,570.14	2,871,045.20	64,072,793.60			68,431,021.24
(b) Exchanged for secondary materials from domestic sources	33,788.10						33,788.10
Total	792,400.40	728,570.14	2,871,045.20	64,072,793.60			68,464,809.34
(2) Bar payment for gold bullion		2,715,175.31	916.97	77,077,920.06			79,793,912.34
(3) Transfers to other Mint institutions	3,190,598.47			1,578,257.17	4,674,779.96		9,443,635.60
(4) Withdrawals to settle international balances and other withdrawals	14,448.47	74,889.98		193,480,783.19			193,570,121.64
Total decreases	3,997,447.34	3,518,635.43	2,871,962.17	336,209,654.02	4,674,779.96		351,272,478.92
4. Gold held at close of calendar year 1952	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

TABLE 19.—Silver bullion transactions of the Bureau of the Mint, calendar year 1952, in fine ounces [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 1952:						
(1) At monetary value	86, 047, 057. 87	565, 396, 036. 84	169, 786, 256. 29	370, 1:8, 609. 68		1, 191, 357, 960. 68
(2) At cost value	45, 321. 279. 27	14, 825, 901. 19	5, 383, 305. 14	6, 977, 208. 54	7, 402. 85	72, 515, 096. 99
(3) At recoinage value						
Total holdings	131, 368, 337. 14	580, 221, 938. 03	175, 169, 561. 43	377, 105, 818. 22	7, 402. 85	1, 263, 873, 057. 67
2. Increases during the calendar year 1952:						
(1) Newly mined domestic (act of July 31, 1946):						
(a) Unrefined		1, 843, 251. 59	59, 094. 10		30, 060. 13	1, 932, 405. 82
(b) Refined	11, 128, 139. 16	25, 716, 393. 98	2, 382, 994. 25			39, 227, 527. 39
Total	11, 128, 139. 16	27, 559, 645. 57	2, 442, 088. 35		30, 060. 13	41, 159, 933. 21
(2) Silver bullion ordinary (silver in gold deposits, mutilated coins, etc.)	18, 438. 84	23, 318. 56	21, 057. 66	24, 933. 22	9, 734. 15	97, 482. 43
(3) Recoinage bullion from uncurrent U. S. silver coins melted:						
(a) Standard silver dollars	179, 294. 35	35, 328. 81	53, 355. 24			267, 978. 40
(b) All other silver coins	872, 682. 74	152, 801. 84	155, 147. 41			1, 180, 631. 99
Total	1, 051, 977. 09	188, 130. 65	208, 502. 65			1, 448, 610. 39
(4) Transfers from other Mint institutions [2]	20, 000, 000. 00	20, 082. 65	28, 159, 302. 14	6, 512, 696. 68		54, 692, 081. 47
(5) Return of Treasury silver:						
(a) From Reconstruction Finance Corporation silver custody account	21, 182, 408. 74		21, 097, 706. 01			42, 280, 114. 75
(b) By other U. S. Government agencies				9, 819, 143. 22		9, 819, 143. 22
(6) Other	51, 984, 869. 62	115, 600. 45		135, 714. 15		52, 236, 184. 22
Total increases	105, 365, 833. 45	27, 906. 777. 88	51, 928, 656. 81	16, 492, 487. 27	39, 794. 28	201, 733, 549. 69
3. Decreases during the calendar year 1952:						
(1) Processed into U. S. silver subsidiary coins	22, 562, 469, 60	7, 686, 200. 88	27, 066, 591. 57			57. 315, 262. 05
(2) Bar payment for silver:						
(a) For secondary materials from domestic sources	13, 708. 37	100, 722. 87		133, 988. 24		248. 419. 48
(b) All other		11, 801. 63				11, 801. 63
Total	13, 708. 37	112, 524. 50		133, 988. 24		260. 221. 11
(3) Sales under act of July 31, 1946		3, 099. 31				3, 099. 31
(4) Transfers to other Mint institutions [2]	74, 643, 117. 22		26, 000, 000. 00	6, 000, 000. 00	20, 017. 87	106. 663, 135. 09
(5) Other	20, 187. 82	11, 417. 74		5, 958, 21		37. 563. 77
Total decreases	97, 239, 483. 01	7, 813, 242. 43	53, 066, 591. 57	6, 139, 946. 45	20, 017. 87	164, 279, 281. 33
4. Silver bullion held at close of calendar year 1952:						
(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

[1] Does not include silver deposited by foreign governments for foreign coinage orders. [2] Includes physical and book transfers.

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TABLE 20.—Silver bullion transactions of the Bureau of the Mint, calendar year 1952, 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 1952:						
(1) At monetary value	$111, 252, 761. 22	$731, 017, 097. 40	$219, 521, 624. 20	$478, 550, 118. 43		$1, 540, 341, 601. 25
(2) At cost value	38, 649, 322. 87	9, 646, 169. 13	3, 316, 991. 14	6, 095, 612. 30	$6, 237. 09	57, 714, 332. 53
(3) At recoinage value						
Total holdings	149, 902, 084. 09	740, 663, 266. 53	222, 838, 615. 34	484, 645, 730. 73	6, 237. 09	1, 598, 055, 933. 78
2. Increases during the calendar year 1952:						
(1) Newly mined domestic (act of July 31, 1946):						
(a) Unrefined		1, 668, 235. 77	53, 483. 16		27, 205. 77	1, 748, 924. 70
(b) Refined	10, 071, 527. 62	23, 274, 635. 20	2, 156, 730. 16			35, 502, 892. 98
Total	10, 071, 527. 62	24, 942, 870. 97	2, 210, 213. 32		27, 205. 77	37, 251, 817. 68
(2) Silver bullion ordinary (silver in gold deposits, mutilated coins, etc.)	15, 522. 17	18, 371. 10	16, 626. 69	21, 075. 78	8, 117. 62	79, 713. 36
(3) Recoinage bullion from uncurrent U. S. silver coins melted:						
(a) Standard silver dollars	231, 814. 91	45, 677. 65	68, 984. 56			346, 477. 12
(b) All other silver coins	1, 206, 404. 30	211, 234. 60	214, 477. 15			1, 632, 116. 05
Total	1, 438, 219. 21	256, 912. 25	283, 461. 71			1, 978, 593. 17
(4) Transfers from other Mint institutions [2]	25, 858, 585. 84	17, 703. 95	24, 538, 969. 53	8, 154, 843. 94		58, 570, 103. 26
(5) Return of Treasury silver:						
(a) From Reconstruction Finance Corporation silver custody account	27, 387, 356. 75		27, 277, 842. 17			54, 665, 198. 92
(b) By other U. S. Government agencies				12, 695, 457. 90		12, 695, 457. 90
(6) Increase due to revaluation of silver to secure silver certificates	3, 296, 970. 11	7, 563, 636. 41				10, 860, 606. 52
(7) Other	24, 264, 798. 04	97, 753. 07		114, 244. 91		24, 476, 796. 02
Total increases	92, 332, 979. 74	32, 897, 247. 75	54, 327, 113. 42	20, 985, 622. 53	35, 323. 39	200, 578, 286. 83

3. Decreases during the calendar year 1952:						
(1) Processed into U. S. silver subsidiary coins	20,034,350.21	6,645,153.83	23,735,370.67			50,414,874.71
(2) Bar payment for silver:						
(a) For secondary materials from domestic sources	11,555.82	85,178.65		112,835.75		209,570.22
(b) All other		9,980.32				9,980.32
Total	11,555.82	95,158.97		112,835.75		219,550.54
(3) Sales under act of July 31, 1946		1,446.34				1,446.34
(4) Transfers to other Mint institutions [2]	86,700,894.37		33,616,161.59	5,430,303.00	17,648.22	125,765,007.18
(5) Other	11,742.31	8,527.83		4,491.31		24,761.45
Total decreases	106,758,542.71	6,750,286.97	57,351,532.26	5,547,630.06	17,648.22	176,425,640.22
4. Silver bullion held at close of calendar year 1952:						
(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

[1] Does not include silver deposited by foreign governments for foreign coinage orders.
[2] Includes physical and book transfers.

TABLE 21.—Miscellaneous operating data, Bureau of the Mint, calendar year 1952

Institution	Number of gold and silver bullion deposit transactions	Number of gold and silver bullion deposit assay determinations	Institution	Number of gold and silver bullion deposit transactions	Number of gold and silver bullion deposit assay determinations
Philadelphia Mint	1,770	5,827	Seattle Assay Office	735	988
San Francisco Mint	2,637	3,730			
Denver Mint	1,037	3,904	Total	9,178	18,847
New York Assay Office	2,999	4,398			

TABLE 22.—Analysis of monetary assets and liabilities of the Bureau of the Mint on Dec. 31, 1952

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	$4,086,739.49	$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
Silver bullion	135,476,521.12	766,810,227.31	219,814,196.50	500,083,723.20	23,912.26		1,622,208,580.39
Silver coin	147,113,349.65	20,274,940.85	4,570,858.33	46,710,000.00			218,669,148.83
Minor coin	36,653.76	45,167.92	77,077.44				158,899.12
Unclassified cash	9,817.26	79,868.97	5,665.05	199,053.78			294,405.06
Minor coinage metal	206,394.47	108,275.65	131,653.30				446,323.42
Reimbursable losses on melted coin	13,716.26		865.70				14,581.96
Checking credit with U. S. Treasurer	410,409.25	100,361.45	194,358.60				705,129.30
Total assets	287,353,601.26	1,353,306,490.57	6,054,165,218.10	4,844,650,286.83	6,538,218.83	12,483,415,360.28	25,029,429,175.87
LIABILITIES							
Bullion fund	286,700,465.74	1,353,084,885.55	6,053,771,628.76	4,844,650,286.83	6,538,218.83	12,483,415,360.28	25,028,160,845.99
Minor coinage metal fund [1]	653,135.52	221,605.02	393,589.34				1,268,329.88
Total liabilities	287,353,601.26	1,353,306,490.57	6,054,165,218.10	4,844,650,286.83	6,538,218.83	12,483,415,360.28	25,029,429,175.87

[1] Includes $268,329.88 in uncurrent minor metal accounts: Philadelphia, $128,135.52; San Francisco, $46,605.02; and Denver, $93,589.34.

TABLE 23.—Summary of United States coinage from organization of Mint in 1792 through 1952–53 [1]

Class and denomination	Total coinage through Dec. 31, 1952		Total coinage through June 30, 1953	
	Number of pieces	Face value	Number of pieces	Face value
Gold: [2]				
50 dollars	3,019	$150,950.00	3,019	$150,950.00
Double eagles ($20)	174,105,606	3,482,112,120.00	174,105,606	3,482,112,120.00
Eagles ($10)	57,683,485	576,834,850.00	57,683,485	576,834,850.00
Half eagles ($5)	78,911,869	394,559,345.00	78,911,869	394,559,345.00
3 dollars	539,792	1,619,376.00	539,792	1,619,376.00
Quarter eagles ($2.50)	20,426,833	51,067,082.50	20,426,833	51,067,082.50
1 dollar	19,874,754	19,874,754.00	19,874,754	19,874,754.00
Total gold	351,545,358	4,526,218,477.50	351,545,358	4,526,218,477.50
Silver:				
1 dollar	855,661,153	855,661,153.00	855,661,153	855,661,153.00
Trade dollar [2]	35,965,924	35,965,924.00	35,965,924	35,965,924.00
Half dollars	1,013,051,164	506,525,582.00	1,033,150,118	516,575,059.00
Quarter dollars	1,988,326,483	497,081,620.75	2,027,873,428	506,968,357.00
20 cents [2]	1,355,000	271,000.00	1,355,000	271,000.00
Dimes	4,796,346,620	479,634,662.00	4,924,774,165	492,477,416.50
Half dimes [2]	97,604,388	4,880,219.40	97,604,388	4,880,219.40
3 cents [2]	42,736,240	1,282,087.20	42,736,240	1,282,087.20
Total silver	8,831,046,972	2,381,302,248.35	9,019,120,416	2,414,081,216.10
Minor:				
5 cents	4,410,741,128	220,537,056.40	4,457,144,528	222,857,226.40
3 cents [2]	31,378,316	941,349.48	31,378,316	941,349.48
2 cents [2]	45,601,000	912,020.00	45,601,000	912,020.00
1 cent	21,422,623,382	214,226,233.82	21,829,917,882	218,299,178.82
Half cent [2]	7,981,822	39,909.11	7,981,822	39,909.11
Total minor	25,918,325,648	436,656,568.81	26,372,023,548	443,049,683.81
Grand total coinage	35,100,917,978	7,344,177,294.66	35,742,689,322	7,383,349,377.41

[1] U. S. coinage data by Mints and calendar years from 1792 through 1950 are available in pamphlet form titled "Domestic Coin Manufactured by Mints of the United States." The pamphlet is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C., at a cost of 15 cents.

[2] Discontinued by law.

TABLE 24.—Stock of coins in the United States, 1952–53 [1]

End of month	Standard silver dollars	Subsidiary silver coins (50¢, 25¢, and 10¢)	Minor coins (5¢ and 1¢)	Total
1952				
January	$492,215,237	$1,091,385,600	$398,453,700	$1,982,054,537
February	492,215,197	1,097,852,200	399,633,000	1,989,700,397
March	492,198,211	1,104,618,600	400,517,000	1,997,333,811
April	492,043,325	1,107,853,800	401,948,400	2,001,845,525
May	491,986,249	1,113,098,600	403,270,900	2,008,355,749
June	491,896,851	1,117,889,100	402,702,200	2,012,488,151
July	491,896,843	1,125,982,800	403,269,500	2,021,149,143
August	491,896,816	1,137,078,100	404,304,600	2,033,279,516
September	491,896,806	1,143,698,200	406,288,100	2,041,883,106
October	491,881,786	1,149,746,600	408,637,800	2,050,266,186
November	491,881,713	1,154,296,800	410,544,800	2,056,723,313
December	491,852,353	1,161,985,200	412,483,600	2,066,321,153
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

[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.

TABLE 25.—Summary of foreign coinage by United States Mints, by country through Dec. 31, 1952 [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	21,623,803	Panama (Republic)	20,624,880
Cuba	354,719,888	Peru	136,045,669
Curacao	12,000,000	Philippines	897,782,332
Dominican Republic	33,017,803	Poland	6,000,000
Ecuador	214,451,060	Saudi-Arabia	124,712,574
El Salvador	97,031,351	Siam	50,000,000
Ethiopia	181,844,730	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)	5,490,094,676
Haiti	15,000,000		
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.

TABLE 26.—Summary of foreign coinage by United States Mints, by year, through Dec. 31 1952 [1]

Year	Number of pieces produced	Year	Number of pieces produced	Year	Number of pieces produced
1876–77	12,000,000	1913	7,309,258	1933	15,240,000
1883–84	1,950,000	1914	17,335,005	1934	24,280,000
1895	4,500,000	1915	55,485,190	1935	109,600,850
1896	500,000	1916	37,441,328	1936	32,350,000
1897		1917	25,208,497	1937	26,800,000
1898	3,346,714	1918	60,102,000	1938	48,579,644
1899	906,089	1919	100,269,195	1939	15,725,000
1900	320,000	1920	99,002,334	1940	33,170,000
1901	225,000	1921	55,094,352	1941	208,603,500
1902		1922	7,863,030	1942	307,737,000
1903	21,292,844	1923	4,369,000	1943	186,682,000
1904	70,640,489	1924	12,663,196	1944	788,498,000
1905	36,675,526	1925	13,461,000	1945	1,802,376,008
1906	13,321,394	1926	14,987,000	1946	504,528,000
1907	45,313,047	1927	3,650,000	1947	277,376,094
1908	29,645,359	1928	16,701,000	1948	21,950,000
1909	11,298,981	1929	34,980,000	1949	156,687,944
1910	7,153,818	1930	3,300,120	1950	2,000,000
1911	7,794,406	1931	4,498,020	1951	25,450,000
1912	6,244,348	1932	9,756,096	1952	45,857,000
				Total	5,490,094,676

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

TABLE 27.—Changes in commercial price of silver, bullion value of the silver dollar, and commercial ratio of silver to gold, 1952–53

Date of official quotation in the New York market [1]	Quotation per ounce 0.999 fine	Equivalent price per fine ounce	Bullion value of the silver dollar [2]	Commercial ratio of silver to gold [3]
1952				
Jan. 2 [4]	$0.88	$0.88088	$0.68131	39.73
May 6	.87	.87087	.67356	40.19
May 13	.86	.86086	.66582	40.66
May 15	.85	.85085	.65808	41.14
May 16	.84	.84084	.65034	41.63
May 28	.8275	.82833	.64066	42.25
July 24	.8325	.83333	.64453	42.00
Average calendar year 1952	.84941	.85026	.65762	41.16
1953				
Jan. 13	.8375	.83834	.64840	41.75
Jan. 14	.8425	.84334	.65227	41.50
Jan. 15	.8475	.84835	.65615	41.26
Jan. 16	.8525	.85335	.66001	41.01
Average fiscal year 1953	.84157	.84241	.65155	41.55

[1] Effective until next change listed.
[2] Based on fine silver content of the dollar (371.25 grains or 0.7734375 fine ounce) and commercial price of silver per fine ounce.
[3] Based on commercial price of silver per fine ounce and the monetary value of gold ($35 per fine ounce).
[4] From Oct. 5, 1951.

TABLE 28.—Highest, lowest, and average commercial price of silver in the New York bullion market, 1952–53

Year and month	Price per ounce 0.999 fine			Year and month	Price per ounce 0.999 fine		
	Highest	Lowest	Average		Highest	Lowest	Average
1952				1953			
January	$0.88	$0.88	$0.88000	January	$0.85¼	$0.83¼	$0.84500
February	.88	.88	.88000	February	.85¼	.85¼	.85250
March	.88	.88	.88000	March	.85¼	.85¼	.85250
April	.88	.88	.88000	April	.85¼	.85¼	.85250
May	.88	.82½	.85405	May	.85¼	.85¼	.85250
June	.82½	.82½	.82750	June	.85¼	.85¼	.85250
July	.83¼	.82½	.82886	Fiscal year 1953	.85¼	.82½	.84157
August	.83¼	.83¼	.83250				
September	.83¼	.83¼	.83250				
October	.83¼	.83¼	.83250				
November	.83¼	.83¼	.83250				
December	.83¼	.83¼	.83250				
Calendar year 1952	.88	.82½	.84941				

TABLE 29.—Summary of silver transactions of the Bureau of the Mint, fiscal years 1934–53

[See explanatory references following table]

Item	Fine ounces	Value
OPENING BALANCES AND RECEIPTS		
Balances on June 30, 1933:		
Silver bullion ordinary	13,831,051.05	$6,588,389.06
Recoinage bullion from uncurrent subsidiary silver coins	13,925,846.32	19,251,049.27
Total balances	27,756,897.37	25,839,438.33
Receipts during fiscal years 1934–53:		
Silver Purchase Act silver	2,048,490,530.48	1,027,637,216.75
Nationalized silver	113,032,915.78	56,528,353.08
Foreign Debt silver	22,734,824.35	11,367,412.18
Newly mined domestic silver:		
Executive Proclamation silver	301,226,723.50	216,588,371.53
Act of July 6, 1939	206,287,208.67	146,693,123.94
Act of July 31, 1946	238,592,767.96	215,938,499.23
Total	746,106,700.13	579,219,994.70
Silver bullion ordinary	6,832,340.60	3,435,336.42
Recoinage bullion from uncurrent subsidiary silver coins	49,353,584.75	74,008,081.19
Recoinage bullion from uncurrent silver dollars	40,994,688.50	55,236,471.00
Seigniorage accruing from revaluation of silver		1,134,982,627.41
Total receipts	3,027,545,584.59	2,942,415,492.73
Total silver available, fiscal years 1934–53	3,055,302,481.96	2,968,254,931.06
ISSUES AND CLOSING BALANCES		
Issues during fiscal years 1934–53:		
Silver processed into United States coins:		
Silver dollars and subsidiary silver coins	714,217,392.01	503,364,934.24
5-cent pieces (silver-copper-manganese alloy)	48,699,548.18	22,725,913.08
Total	762,916,940.19	526,090,847.32
Silver lend-leased to foreign governments	410,814,344.19	191,713,360.44
Silver sold:		
Green Act	167,380,240.92	78,110,778.17
Act of July 31, 1946	1,647,605.07	1,479,676.95
Other	5,599,180.69	2,474,885.28
Total	174,627,026.68	82,065,340.40
Operative wastages	525,681.85	267,134.99
Melting losses from uncurrent coin		8,284,340.91
Total issues	1,348,883,992.91	808,421,024.06
Balances on June 30, 1953:		
Silver Purchase Act silver	50,058,526.88	23,391,812.77
Newly mined domestic silver:		
Act of July 6, 1939	521,771.91	371,033.88
Act of July 31, 1946	9,391,389.46	8,499,679.12
Silver bullion securing certificates:		
Bureau of the Mint	1,277,260,723.08	1,651,407,799.03
Reconstruction Finance Corporation	16,353,697.48	21,144,174.56
Other Federal Agencies	350,924,917.20	453,721,105.08
Total	1,644,539,337.76	2,126,273,078.67
Silver bullion ordinary	1,907,463.04	1,298,302.56
Recoinage bullion from uncurrent subsidiary silver coins	None	None
Recoinage bullion from uncurrent silver dollars	None	None
Total balances	1,706,418,489.05	2,159,833,907.00
Total issues and balances	3,055,302,481.96	2,968,254,931.06

EXPLANATORY REFERENCES TO "SILVER TRANSACTIONS OF THE BUREAU OF THE MINT, FISCAL YEARS 1934–53"

Silver transactions of the Bureau of the Mint for the 20-year period from June 30, 1933, through June 30, 1953 (Table 29 above), are summarized from bullion accounts current which have been submitted monthly to the Comptroller General of the United States by the Director of the Mint and from other official records.

Data for some items in the Summary may differ slightly from similar data published in previous Annual Reports, such differences being due to subsequent adjustments and/or minor revisions in figures made since the first publication.

It is to be noted that the closing balances of silver on June 30, 1953, are treated differently from holdings for the same date as shown in Tables 7 and 8, "Silver bullion transactions of the Bureau of the Mint, fiscal year 1953" due to inclusion of silver held by other United States Government agencies in the Summary table.

The various classes of silver listed in the Summary table are briefly described, as follows:

SILVER BULLION ORDINARY—Bullion ordinary consists of miscellaneous silver including silver contained in gold deposits, mutilated silver coins, and the silver recovered from melting, refining, and coining operations. It is purchased at prices approximating the price of silver in the New York bullion market.

RECOINAGE BULLION FROM UNCURRENT SILVER COINS—United States coins which have become too worn to remain in circulation are returned to the mints by the Federal Reserve banks and branches, and by the United States Treasurer in Washington, D. C. Such coins are termed "uncurrent" and are exchanged at face value. Uncurrent coins are to be distinguished from mutilated coins which are purchased at bullion value (see silver bullion ordinary). Uncurrent silver coins are melted, alloyed with copper to bring to the proper coinage standard, and recoined into subsidiary silver coins, that is, the 50-, 25-, and 10-cent denominations. An exception to the preceding is noted. Until December 1942 there was no law which would permit the melting and recoinage of uncurrent silver dollars as for subsidiary coins. Consequently over $50 million in uncurrent dollar coins were occupying vault space in the various mints. The act of December 18, 1942 (Sec. 4, 56 Stat. 1064, 1066), enabled the mints to melt uncurrent silver dollars and recoin them into subsidiary silver coins. From this accumulation over 39 million fine ounces of silver thus were made available for coinage purpose. Also the alloy was an important source of copper for coinage at a time when copper was a strategic war metal and mint supplies were curtailed.

SILVER PURCHASE ACT SILVER—The largest class of silver received during the period under review has been under the Silver Purchase Act of June 19, 1934 (48 Stat. 1178). This class of silver is referred to as "Foreign Silver" in tables published in the monthly *Treasury Bulletin*.

A total of 2,045,231,408 fine ounces were purchased from foreign sources by the Federal Reserve Bank of New York as fiscal agent of the Secretary of the Treasury and transferred to the various mint institutions during the fiscal years 1934–42 inclusive. The silver was

purchased at varying rates which averaged approximately 50 cents per ounce during the period.

During the fiscal year 1948 the Silver Purchase Act account was increased by 261,333.33 fine ounces, a return of lend-lease silver by the Government of Belgium, more details of which are given under lend-lease transactions.

During the fiscal year 1950 the Silver Purchase Act account was increased by 2,997,789.15 fine ounces of surplus silver purchased by the Mint from the Reconstruction Finance Corporation.

NATIONALIZED SILVER—Executive Order 6814 of August 9, 1934, which was issued under powers contained in the Silver Purchase Act of June 19, 1934, required that silver situated in the continental United States, other than newly mined domestic, and with certain exceptions, be delivered to the United States Mints. Deliveries of nationalized silver were made during the four fiscal years 1935–38 inclusive, at a rate of 50.01 cents per fine ounce. The Order was revoked on April 28, 1938.

FOREIGN DEBT SILVER—The act of May 12, 1933 (48 Stat. 31, 53), authorized for the ensuing six months the acceptance of silver tendered by foreign governments in payment of indebtedness due the United States Government. The act specified that the silver was to be valued at not in excess of 50 cents per ounce. During July, August, and October 1933 countries making payment in silver and the respective amounts were as follows: Czechoslovakia, 359,010.14 ounces; Finland, 296,632.10 ounces; Great Britain, 20,001,036.84 ounces; Italy, 2,000,041.16 ounces; Lithuania, 19,981.08 ounces; and Rumania, 58,123.03 ounces.

NEWLY MINED DOMESTIC SILVER—Newly mined silver from mines of the United States and places subject to its jurisdiction has been received at the mints and assay offices in accordance with the following:

Authority	*Return in cents per fine ounce to depositor*	*Period in which mined for acceptance by Mint at specified returns*
Executive Proclamation 2067 of Dec. 21, 1933.	64. 64+	Dec. 21, 1933–Apr. 9, 1935.
Executive Proclamation 2124 of Apr. 10, 1935.	71. 11+	Apr. 10–23, 1935.
Executive Proclamation 2125 of Apr. 24, 1935.	77. 57+	Apr. 24, 1935–Dec. 31, 1937.
Executive Proclamation 2268 of Dec. 30, 1937.	64. 64+	Jan. 1–Dec. 31, 1938.
Executive Proclamation 2317 of Dec. 31, 1938.	64. 64+	Jan. 1–June 30, 1939.
Executive Proclamation 2349 of July 25, 1939.	64. 64+	July 1, 1939.
Act of July 6, 1939 (53 Stat. 998)----	71. 11+	Subsequent to July 1, 1939.
Act of July 31, 1946 (60 Stat. 750)----	90. 50+	Subsequent to July 1, 1946.

SEIGNIORAGE ACCRUING FROM REVALUATION OF SILVER—Silver certificates outstanding are secured dollar for dollar by standard silver dollars and silver bullion in the Treasury. During the fiscal years 1935–53, a total of 1,644,539,337.76 fine ounces of silver bullion has been monetized as security for silver certificates. The statement following indicates the various classes of bullion allocated to secure silver certificates, with the corresponding quantity, value, and "seigniorage". Seigniorage is the difference between the cost

value and the monetary value of the silver, and is a profit deposited into the general fund of the Treasury by the Mint institutions. The monetary value of silver is $1.29+ per fine ounce.

Class of silver	*Fine ounces*	*Cost value*
Foreign Debt	22, 734, 824. 35	$11, 367, 412. 18
Nationalized	66, 721, 171. 15	33, 367, 595. 88
Silver Purchase Act	1, 099, 808, 000. 00	584, 143, 869. 74
Bullion ordinary	2, 000, 000. 00	1, 007. 718. 00
Newly mined domestic:		
Executive Proclamation	173, 809, 378. 86	130, 477, 014. 25
Act of July 6, 1939	113, 457, 963. 40	80, 681, 218. 20
Act of July 31, 1946	166, 008, 000. 00	150, 245, 623. 01
Total	1, 644, 539, 337. 76	991, 290, 451. 26

Class of silver	*Monetary value*	*Seigniorage*
Foreign Debt	$29, 394, 520. 34	$18, 027, 108. 16
Nationalized	86, 265, 756. 44	52, 898, 160. 56
Silver Purchase Act	1, 421, 973, 976. 66	837, 830, 106. 92
Bullion ordinary	2, 585. 858, 58	1, 578, 140. 58
Newly mined domestic:		
Executive Proclamation	224, 723, 236. 94	94, 246, 222. 69
Act of July 6, 1939	146, 693, 124. 03	66, 011, 905. 83
Act of July 31, 1946	214, 636, 605. 68	64, 390, 982. 67
Total	2, 126, 273, 078. 67	1, 134, 982, 627. 41

SILVER PROCESSED INTO UNITED STATES COINS—The classes and quantity of silver which have been manufactured into United States coins during the fiscal years 1934–53 are set forth below:

Class of silver	*Fine ounces*
Nationalized	46, 309, 269. 28
Silver Purchase Act [1]	320, 010, 426. 35
Bullion ordinary	11, 104, 544. 70
Newly mined domestic:	
Executive Proclamation	127, 369, 622. 42
Act of July 6, 1939	92, 267, 247. 76
Act of July 31, 1946	61, 581, 710. 11
Recoinage silver	104, 274, 119. 57
Total	762, 916, 940. 19

[1] Includes 48,699,548.18 fine ounces of silver manufactured into 5-cent coins of silver-copper-manganese alloy. (Title XII of the Second War Powers Act of Mar. 27, 1942 [56 Stat. 174, 184].)

SILVER LEND-LEASED TO FOREIGN GOVERNMENTS—Of the total 410,814,344.19 fine ounces of silver lend-leased to several foreign governments during fiscal years 1943–46, 93,725,547.97 fine ounces were manufactured for these governments into foreign coins by United States Mints. The countries receiving the coins or bullion were:

	Fine ounces
Australia	11, 773, 093. 09
Belgium	261, 333. 33
England (United Kingdom)	88, 073, 878. 21
Ethiopia	5, 425, 000. 00
Fiji	196, 363. 63
India	225, 999, 903. 83
Netherlands	56, 737, 341. 25
Saudi-Arabia	22, 347, 430. 85
Total	410, 814, 344. 19

SALES OF TREASURY SILVER—Silver sales under the Green Act (act of July 12, 1943, 57 Stat. 520) were made at 71.11+ cents per fine ounce in accordance with War Production Board allocations during the fiscal years 1944–46. Sales included 26,745,826 fine ounces sold and manufactured into coins for the Philippine Government.

Sales of silver under the act of July 31, 1946 (60 Stat. 750), were made at 91 cents per fine ounce.

Other sales included 5,473,397.64 fine ounces of silver bullion ordinary, of which 4,755,036.10 fine ounces were sold to industry by authority of the Secretary of the Treasury for which no special legislation is required. Other miscellaneous sales represent silver contained in sweeps, medals, proof silver, etc. Profits on all sales of silver are deposited into the general fund of the Treasury.

OPERATIVE WASTAGES AND MELTING LOSSES FROM UNCURRENT COIN—Wastages and losses have not exceeded legal limitations.

ANNUAL AND SPECIAL ASSAYS

The Annual Assay Commission for 1953 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 1952 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.

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

The statistics of foreign countries on coinage systems, gold, and silver, published annually in the reports of the Director of the United States Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the completed reports are forwarded directly to the Director of the Mint.

Information submitted to the interrogatories in general is published herein as received, with the addition of equivalents. The tables on world gold and silver production are compiled by the Bureau of Mines, U. S. Department of the Interior.

Tables include the following:

1. Coinage mints of the world.
2. Coinage of nations during the year ended December 31, 1950. (Argentina, Italian Somaliland, and Italy. See previous Reports for other countries.)
3. Coinage of nations during the year ended December 31, 1951. (Bolivia, Italy, Japan, and Thailand. See previous Reports for other countries.)
4. Coinage of nations during the year ended December 31, 1952.
5. Consumption of metals in 1952 coinage of nations.
6. Silver coins withdrawn from active circulation in various countries of the world during 1951 and 1952.
7. Secondary gold and silver deposited with the monetary authority in specified countries of the world during 1951 and 1952.
8. Estimated quantity of gold and silver issued for use or used in the industrial arts in various countries of the world during 1951 and 1952.
9. Characteristics of coins in circulation in 1952.
10. Gold and silver monetary stocks of principal countries of the world at end of calendar year 1952.
11. World production of gold in 1952.
12. World production of silver in 1952.
13. Summary of world production of gold and silver since the discovery of America.

278422—54——4

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	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.
Brazil	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	Calle 11, No. 4-93, Bogota.
Do	do	Calle 52, No. 52-67, Medellin.
Denmark	Den Kongelige Mont	Amagerboulevard 115, Copenhagen, S.
Egypt	Minting House	Abbassia, Cairo (not yet in operation).
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	6a. Calle Poniente No. 1, Guatemala City.
Hungary	Hungarian State Mint	Budapest.
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	Itsukamachi, Saheki-gun, Hiroshima Prefecture.
Do	Kumamoto Sub-branch	Shinminami, 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.
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, Lisbon.
Rumania	Monetaria si Fabrica de Timbre	Strada Fabrica de Chibrituri, 30, Bucharest.
Spain	Fabrica Nacional de Moneda y Timbre.	Plaza de Colon, 4, Madrid.
Sweden	Kungl. Mynt-och justeringsverket	Hantverkargatan 5, Postbox 16285, Stockholm 16.
Switzerland	Swiss Federal Mint	Bernastrasse 28, Bern.
Do	Huguenin Freres and Co. (Private mint).	Le Lode.
Thailand (Siam)	Royal Mint	No. 4 Chao Fah Road, Bangkok.
Turkey	Darphane ve Damga Matbassi Müdürlügü (Directorate of Mint and Printing House).	Istanbül.
Union of South Africa.	South African Mint	P. O. Box 464, 103 Visagie St., Pretoria.
United Kingdom	Royal Mint	London, E. C. 3, England.
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, 1950 [1]

[See previous Reports for coinage of other nations in 1950]

ARGENTINA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
20 centavos	4	21	75 copper, 25 nickel	76,841,355
10 centavos	3	19	do	60,330,000
5 centavos	2	17	do	16,960,000
2 centavos	3½	20	95 copper, 4 tin, 1 zinc	900,000
Total				155,031,355

ITALIAN SOMALILAND

1 somalo	7.6	26.7	250 silver, 550 copper, 100 nickel, 100 zinc	11,480,000
50 centesimi	3.8	21.7	do	1,800,000
10 centesimi	10	30	95 copper, 5 zinc	7,400,000
5 centesimi	6	25.1	do	6,800,000
1 centesimo	3	20.1	do	4,000,000
Total				31,480,000

ITALY

10 lire	3	29	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	50,625,000
5 lire	2.5	26.7	do	116,440,000
2 lire	1.75	24.1	do	2,790,000
1 lira	1.25	21.6	do	1,942,000
Total				171,797,000

[1] Weight of metals in short tons (avoirdupois):
Argentina, 579 tons including 434.9 copper, 143.9 nickel, 0.03 zinc, and 0.13 tin.
Italian Somaliland, 243.5 tons, including 25.9 silver (or 756,250 fine troy ounces), 189.8 copper, 10.4 nickel, and 17.4 zinc.
Italy, 496.4 tons including 477.5 aluminum, 17.4 magnesium, and 1.5 manganese.

Coinage of nations during the year ended Dec. 31, 1951

BOLIVIA

[See previous Reports for coinage of other nations in 1951]

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 centavos	5.5	24	95 copper, 5 zinc	1,200,000

ITALY

10 lire	3	29	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	96,736,000
5 lire	2.5	26.7	do	40,260,000
1 lira	1.25	21.6	do	3,760,000
Total				140,756,000

JAPAN

10 yen	2.75	(2)	55–60 copper, 29–22 zinc, 16–18 nickel	313,430,000
Do	4.5	23.5	95 copper, 4–3 zinc, 1–2 tin	101,068,000
5 yen	3.75	(3)	60–70 copper, 40–30 zinc	197,980,000
Total				612,478,000

THAILAND

50 stang	4.5	23	91 copper, 9 aluminum	1,200,000
25 stang	2.5	20.5	do	600,000
10 stang	1.75	17.5	91 tin, 9 copper	20,000,000
5 stang	1.25	15	do	5,000,000
Total				26,800,000

[1] Weight of metals in short tons avoirdupois:
Bolivia, 7.3 tons including 6.9 copper and 0.4 zinc.
Italy, 436 tons including 419.4 aluminum, 15.3 magnesium, and 1.3 manganese.
Japan, 2,269.8 tons including 1,619.2 copper, 142.5 nickel, 503.1 zinc, and 5 tin.
Thailand, 53.1 tons including 11 copper, 41.4 tin, and 0.7 aluminum.

[2] 10 yen nickel coin, round with round hole in center, diameters 20 mm. and 5 mm., respectively.

[3] 5 yen coin, round with hole in center, diameters 22 mm. and 5 mm., respectively.

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

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	54,217,977
Quarter dollars	6.25	24.3	do	102,365,073
Dimes	2.5	17.9	do	265,641,573
5 cents	5	21.2	75 copper, 25 nickel	115,279,980
1 cent	3.11	19.1	95 copper, 5 zinc and tin	1,070,786,984
Total				1,608,291,587

ALGERIA

100 francs	12	30	75 copper, 25 nickel	8,516,800
5 francs	3.5	31	Aluminum	4,000,000
Total				12,516,800

AUSTRIA

5 schillings	4	31	98.5 aluminum, 1.5 magnesium	7,015,200
2 schillings	2.8	28	do	1,909,000
1 schilling	2	25	do	5,812,000
50 groschen	1.4	22	do	5,557,000
20 groschen	4.5	22	91.5 copper, 8.5 aluminum	678,000
10 groschen	1.1	20	98.5 aluminum, 1.5 magnesium	45,722,000
5 groschen	2.5	19	Zinc	6,472,000
2 groschen	.9	18	98.5 aluminum, 1.5 magnesium	18,655,000
Total				91,820,200

BELGIAN CONGO AND RUANDA–URUNDI

5 francs	7.5	27	66⅔ copper, 33⅓ zinc	10,000,000

BELGIUM

1 franc	4	21	75 copper, 25 nickel	102,350,000
50 centimes	2.75	19	95 copper, 3 tin, 2 zinc	9,350,000
Total				111,700,000

BOLIVIA

10 bolivianos	7	27	95.5 copper, 3 tin, 1.5 zinc	40,000,000
5 bolivianos	5	23	do	5,500,000
1 boliviano	3	18	do	9,500,000
Total				55,000,000

BRAZIL

2 cruzeiros	8	25	90 copper, 8 aluminum, 2 zinc	1,456,000
1 cruzeiro	7	23	do	1,769,000
50 centavos	5	21	88 copper, 12 nickel	6,863,000
20 centavos	4	19	do	10,942,000
10 centavos	3	17	do	10,966,000
Total				31,996,000

Coinage of nations during the year ended Dec. 31, 1952—Continued

BRITISH EAST AFRICA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Shilling	7.776	27.7	75 copper, 25 nickel	42,694,526
10 cents	9.45	30.9	95.5 copper, 3 tin, 1.5 zinc	14,100,000
5 cents	5.67	25.5	do	8,200,000
Total				64,994,526

BRITISH HONDURAS

25 cents	5.811	23.2	75 copper, 25 nickel	75,000
5 cents	3.629	20.3	79 copper, 20 zinc, 1 nickel	100,000
Total				175,000

BRITISH WEST AFRICA

Shilling	5.655	23.6	79 copper, 20 zinc, 1 nickel	91,200,000
Penny	9.45	30.9	75 copper, 25 nickel	57,600
Do	9.45	30.9	95.5 copper, 3 tin, 1.5 zinc	5,280,000
Halfpenny	5.67	25.5	do	1,785,000
Tenthpenny	1.944	20.2	do	9,600
Total				98,332,200

BURMA

50 pyas	7.776	26	75 copper, 25 nickel	1,642,000
10 pyas	4.536	[a]	do	4,250,000
5 pyas	3.24	[b]	do	12,000,000
1 pya	2.268	18	95.5 copper, 3 tin, 1.5 zinc	500,000
1 rupee	11.664	30.5	75 copper, 25 nickel	2,500,000
2 annas	5.832	[c]	do	8,000,000
1 anna	3.888	[d]	do	8,000,000
Total				36,892,000

[a] Square coin, 19.8 mm. across flats, 23.4 mm. diagonally.
[b] Scalloped coin, 19.5 mm. maximum diameter.
[c] Square coin, 22.4 mm. across flats, 25.4 mm. diagonally.
[d] Scalloped coin, 21 mm. maximum diameter.

CANADA

1 dollar [1]	23.3276	36	800 silver, 200 copper	411,148
50 cents [1]	11.6638	29.6	do	2,597,185
25 cents [1]	5.8319	23.6	do	8,864,762
10 cents	2.3328	17.8	do	10,474,455
5 cents	4.5359	21.2 to 21.3	Steel chrome plated	10,891,148
1 cent	3.2399	19.1	98 copper, 1.5 zinc, 0.5 tin	67,631,736
Total				100,870,434

[1] The 1952 coinage includes a number of coins dated 1951, as follows: 1 dollar, 5,000 pieces; 50 cents, 720 pieces; and 25 cents, 5,120 pieces.

CEYLON

50 cents	5.508	24.1	79 copper, 20 zinc, 1 nickel	4,440,000
25 cents	2.754	18	do	6,000,000
10 cents	4.212	[a]	do	15,000,000
2 cents	2.592	[b]	do	10,000,000
Total				35,440,000

[a] Scalloped edge, 23 mm. maximum, 21 mm. minimum.
[b] Scalloped edge, 18.4 mm. maximum, 17 mm. minimum.

Coinage of nations during the year ended Dec. 31, 1952—Continued

COLOMBIA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
20 centavos	5	23	500 silver, 400 copper, 50 nickel, 50 zinc	3,887
10 centavos	2.5	18	do	1,060,000
Do	2.5	18	75 copper, 25 nickel	6,035,000
5 centavos	4	21	95 copper, 5 zinc	3,984,888
2 centavos	3	19	84 copper, 16 zinc	5,037,500
Do	3	19	95 copper, 5 nickel	29,854
1 centavo	2	17	do	69,970
Do	2	17	Steel, copper-nickel plated	8,685,000
Total				24,906,099

COSTA RICA

10 centimos	2	18	75 copper, 25 nickel	2,500,000
5 centimos	1	15	do	7,000,000
Total				9,500,000

CUBA

40 centavos	10	29	900 silver, 100 copper	1,250,000
20 centavos	5	23.3	do	6,700,000
10 centavos	2.5	17.9	do	10,000,000
1 centavo	2.3	16.8	70 copper, 30 zinc	2,160,000
Total				20,110,000

DENMARK

2 kroner	13	31.5	92 copper, 6 aluminum, 2 nickel	1,802,820
1 krone	6.5	25.5	do	940,132
25 øre	4.5	23	75 copper, 25 nickel	2,035,744
10 øre	3	18	do	7,164,306
5 øre	6.4	27	Zinc	2,507,694
2 øre	3.2	21	do	3,872,493
1 øre	1.6	16	do	6,139,129
Total				24,462,318

DOMINICAN REPUBLIC

1 peso	26.7	38.1	900 silver, 100 copper	20,000
50 centavos	12.5	30.75	do	140,000
25 centavos	6.25	24.5	do	400,000
10 centavos	2.5	18	do	500,000
1 centavo	3	19	95 zinc, 5 tin	3,000,000
Total				4,060,000

EL SALVADOR

10 centavos	7	26	70 copper, 18 zinc, 12 nickel	336,000
5 centavos	5	23	do	2,000,000
Total				2,336,000

ETHIOPIA

25 cents	6.8039	26	95 copper, 5 zinc	1,299,000
10 cents	6.0911	23	do	5,000,000
5 cents	4.0175	20	do	5,112,000
Total				11,411,000

Coinage of nations during the year ended Dec. 31, 1952—Continued

FIJI

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Threepence	6.156	(a)	79 copper, 20 zinc, 1 nickel	400,000
Penny	6.48	26	75 copper, 25 nickel	115,200
Halfpenny	3.24	21	do	144,000
Total				659,200

a Twelve-sided coin, 21.1 mm. across flats, 21.9 mm. diagonally.

FINLAND

500 markkaa*	12	32	500 silver, 400 copper, 100 nickel	605,000
50 markkaa	5.5	25	93 copper, 5 aluminum, 2 nickel	991,000
20 markkaa	4.5	22.5	do	83,000
10 markkaa	3	20	do	6,390,000
5 markkaa	4.55	23	90 copper, 7 zinc, 3 aluminum	1,210,000
Do	2.55	18	Iron	10,820,000
1 markka	3.5	21	do	5,410,000
Do	1.15	16	do	22,048,000
Total				47,557,000

*Olympic coin.

FRANCE

50 francs	8	27	91 copper, 9 aluminum	87,643,829
20 francs	4	23.5	do	184,662,160
10 francs	3	20	do	149,155,846
Total				421,461,835

FRENCH MOROCCO

50 francs	8	27	91 copper, 9 aluminum	8,639,500
20 francs	4	23.5	do	15,539,000
10 francs	3	20	do	23,774,500
Total				47,953,000

FRENCH OCEANIA

5 francs	3.5		Aluminum—magnesium	2,000,000

FRENCH SOMALILAND

20 francs	4	23.5	91 copper, 9 aluminum	500,000

FRENCH WEST (OCCIDENTAL) AFRICA

2 francs	2.2		Aluminum—magnesium	2,160,000
1 franc	1.3		do	2,280,000
Total				4,440,000

Coinage of nations during the year ended Dec. 31, 1952—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	62,729,950
2 Deutschemark	7	25.5	75 copper, 25 nickel	230,898
1 Deutschemark	5.5	23.5	do	6,834,638
50 pfennig	3.5	20	do	285,686
10 pfennig	4	21.5	Iron center with 5% layer of copper on each side.	14,876,888
5 pfennig	3	18.5	do	264,700
2 pfennig	3.25	19.25	95 copper, 4 tin, 1 zinc	677,872
1 pfennig	2	16.5	Iron center with 5% layer of copper on each side.	105,924,645
Total				191,825,277

GUATEMALA

25 centavos	8¼	27	720 silver, 280 copper	112,337
10 centavos	3¼	21	do	307,139
5 centavos	1¾	16	do	912,926
1 centavo	3	21	70 copper, 30 zinc	1,445,180
Total				2,777,582

HONDURAS

20 centavos	2.5	18	900 silver, 100 copper	2,500,000

INDIA

National coinage				
¼ rupee	2.916	19.1	Nickel	9,988,676
Single pice	2.916	21.3	97 copper, 2.5 zinc, 0.5 tin	213,830,400
Total				223,819,076
Hyderabad State coinage				
1 anna	3.726		95 copper, 4 tin, 1 zinc	804,000
2 pies	1.164		do	5,284,800
Total				6,088,800

INDONESIA

50 sen			Cupronickel	100,000,000
25 sen	2.2	26	Aluminum	200,000,000
1 sen	.75	18	do	100,000,000
Total				400,000,000

IRAN

1 pahlevi	8.13598	22	900 gold, 100 silver or copper	47,667
½ pahlevi	4.06799	19	do	98,024
Total				145,691

IRAQ

1 fils	2.5	19.5	95.5 copper, 3 tin, 1.5 zinc	2,000,000

Coinage of nations during the year ended Dec. 31, 1952—Continued

IRELAND

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Half-crown	14.138	32.4	75 copper, 25 nickel	554,548
Sixpence	4.536	21	do	800,000
Penny	9.45	30.9	95.5 copper, 3 tin, 1.5 zinc	2,400,000
Total				3,754,548

ITALY

10 lire	1.6	23.3	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	105,150,000
5 lire	1	20.2	do	57,400,000
1 lira	0.625	17.2	do	2,720,000
Total				165,270,000

JAMAICA

Penny	7.5	27	79 copper, 20 zinc, 1 nickel	964,800
Halfpenny	4.5	22.5	do	1,200,000
Farthing	2.75	20.2	do	288,000
Total				2,452,800

JAPAN

10 yen	4.5	23.5	95 copper, 3 to 4 zinc, 1 to 2 tin	486,632,000
5 yen	3.75	22	60 to 70 copper, 30 to 40 zinc	55,000,000
Total				541,632,000

JERSEY

1 penny	9.45	30.9	95.5 copper, 3 tin, 1.5 zinc	720,000

LIBYA

2 piastres	7.5	26	75 copper, 25 nickel	3,746,802
1 piastre	3.75	20	do	2,969,847
5 milliemes	10	28	95.5 copper, 3 tin, 1.5 zinc	4,125,000
2 milliemes	6	24	do	3,000,000
1 millieme	3	18	do	3,400,000
Total				17,241,649

LUXEMBOURG

1 franc	4	21	75 copper, 25 nickel	5,000,000

MACAU

5 patacas	15	31	720 silver, 280 copper	500,100
1 pataca	3	19	do	521,600
50 avos	3.5	20	75 copper, 25 nickel	2,560,150
10 avos	4	22	95 copper, 3 zinc, 2 tin	6,825,150
5 avos	2	17	do	1,032,150
Total				11,439,150

Coinage of nations during the year ended Dec. 31, 1952—Continued

MALAYA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
20 cents	5.655	23.6	75 copper, 25 nickel	9,963,479
10 cents	2.828	19.4	do	32,765,820
5 cents	1.414	16.3	do	22,589,287
Total				65,318,586

MAURITIUS

¼ rupee	2.916	19	75 copper, 25 nickel	1,000,000
10 cents	5.184	23.5	do	250,000
2 cents	3.888	23.1	95.5 copper, 3 tin, 1.5 zinc	250,000
1 cent	1.944	17.8	do	500,000
Total				2,000,000

MEXICO

5 pesos	27⅞	40	720 silver, 280 copper	9,595,000
25 centavos	3⅛	21.5	300 silver, 500 copper, 100 nickel, 100 zinc	29,264,000
20 centavos	10	28.5	95 copper, 5 zinc	6,559,500
5 centavos	6½	25.5	do	17,674,000
1 centavo	2	16	85 copper, 15 zinc	24,610,000
Total				87,702,500

NEPAL

Debal (rupee)	11.08	29.6	333.3 silver, 666.7 copper	7,601,341
Mohar (½ rupee)	5.54	25.3	do	2,028,762
Pachanni (⅕ rupee)	2.22	18.3	do	2,073,104
Duipaisa (2 pice)	3.89	22.9	66 copper, 34 zinc	3,279,687
Total				14,982,894

NETHERLANDS

25 cents	3	19	Nickel	8,400,000
10 cents	1.5	15	do	11,800,000
5 cents	3.5	21	95 copper, 4 tin, 1 zinc	14,400,000
1 cent	2	17	do	68,000,000
Total				102,600,000

NEW CALEDONIA

5 francs	3.5		Aluminum—magnesium	1,396,000
1 franc	1.3		do	2,000,000
Total				3,396,000

NEW ZEALAND

Shilling	5.655	23.6	75 copper, 25 nickel	600,000
Sixpence	2.828	19.4	do	3,200,000
Threepence	1.414	16.3	do	8,000,000
Penny	9.45	30.9	95.5 copper, 3 tin, 1.5 zinc	10,800,000
Halfpenny	5.67	25.5	do	2,400,000
Total				25,000,000

Coinage of nations during the year ended Dec. 31, 1952—Continued

NICARAGUA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 centavos	8	26	75 copper, 25 nickel	250,000
25 centavos	5	23	do	500,000
10 centavos	4	20	do	1,000,000
Total				1,750,000

NORWAY

25 øre	2.4	17	75 copper, 25 nickel	4,060,000
10 øre	1.5	15	do	14,950,000
5 øre	8	27	95 copper, 4 tin, 1 zinc	5,944,000
2 øre	4	21	do	4,995,000
1 øre	2	16	do	8,130,000
Total				38,079,000

PAKISTAN

2 annas [a]	5.8319	22.4 25.4	75 copper, 25 nickel	3,364,000
1 anna [b]	3.8879	21 19.8	do	15,432,000
½ anna [a]	2.916	17.4 19.8	do	7,944,000
Do	3.2339	17.4 19.8	79 copper, 20 zinc, 1 nickel	5,232,000
Single pice [c]	2.3328	20.6	do	12,249,600
Do [d]	1.944	21.3	97 copper, 2.5 zinc, 0.5 tin	41,676,794
Pie pieces	1.296	15.9	do	1,358,400
Total				87,256,794

[a] Square with round corners.
[b] Scalloped with 12 scallops.
[c] Round.
[d] Round with hole in center.

PARAGUAY

50 centimos	6	25	92 copper, 8 aluminum	2,000,000
25 centimos	5	23	do	1,000,000
Total				3,000,000

PERU

100 soles	46.8071	37	900 gold, 100 copper	126
50 soles	23.40355	30	do	201
20 soles	9.36142	25	do	424
1 sol	14	33	70 copper, 30 zinc	2,037,030
½ sol	7.5	27	do	935,012
20 centavos	3.8	24	do	4,410,046
10 centavos	2.7	20	do	6,964,046
5 centavos	1.87	17	do	7,840,040
2 centavos	1.4	17	95 zinc, 5 copper	1,155,010
1 centavo	1.1	15	do	3,070,030
Total				26,411,965

PORTUGAL

1 escudo	8	26.8	61 copper, 20 zinc, 19 nickel	2,500,000
50 centavos	4.5	22.8	do	2,421,480
20 centavos	3	20.5	95 copper, 3 zinc, 2 tin	1,815,000
10 centavos	2	17.5	do	4,960,000
Total				11,696,480

Coinage of nations during the year ended Dec. 31, 1952—Continued

PORTUGUESE EAST AFRICA (MOZAMBIQUE)

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
20 escudos	10	30	720 silver, 280 copper	1,004,400
10 escudos	5	24	do	1,503,150
2½ escudos	3.5	20	75 copper, 25 nickel	150
Total				2,507,700

PORTUGUESE GUINEA

20 escudos	10	30	720 silver, 280 copper	750,000
10 escudos	5	24	do	1,200,000
2½ escudos	3.5	20	75 copper, 25 nickel	3,017,880
50 centavos	4	20	95 copper, 3 zinc, 2 tin	3,019,910
Total				7,987,790

PORTUGUESE WEST AFRICA (ANGOLA)

20 escudos	10	30	720 silver, 280 copper	1,003,150
10 escudos	5	24	do	2,023,450
Total				3,026,600

SAUDI ARABIA

Sovereign	7.98805	22	916⅔ gold, 83⅓ copper	1,000,000
1 riyal	11.6638	30.5	916⅔ silver, 83⅓ copper	67,000,000
Total				68,000,000

SEYCHELLES

10 cents	6.804	25	75 copper, 25 nickel	36,000

SOUTHERN RHODESIA

Half-crown	14.138	32.3	75 copper, 25 nickel	2,800,000
Florin	11.311	31	do	2,634,063
Shilling	5.655	23.6	do	4,600,000
Sixpence	2.828	19.4	do	1,200,000
Threepence	1.414	16.3	do	4,800,000
Penny	6.48	27	95.5 copper, 3 tin, 1.5 zinc	2,400,000
Halfpenny	2.916	21	do	480,000
Total				18,914,063

SPAIN

5 pesetas	15	32	Nickel	9,000
1 peseta	3.5	21	90 copper, 10 aluminum	19,195,000
50 centimos	4	20	75 copper, 25 nickel	18,566,877
Total				37,770,877

Coinage of nations during the year ended Dec. 31, 1952—Continued

SWEDEN

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Stamp of year 1950				
2 kronor	14	31	400 silver, 500 copper, 50 nickel, 50 zinc	488, 420
1 krona	7	25	do	2, 719, 385
25 öre	2. 32	17	do	3, 450, 824
10 öre	1. 44	15	do	8, 589, 330
5 öre	8	27	95 copper, 4 tin, 1 zinc	1, 883, 300
2 öre	4	21	do	5, 270, 000
1 öre	2	16	do	8, 501, 500
Subtotal				30, 902, 759
Stamp of year 1952				
5 kronor	22. 88	36	400 silver, 500 copper, 50 nickel, 50 zinc	242, 241
2 kronor	14	31	do	31, 500
1 krona	7	25	do	1, 101, 625
50 öre	4. 8	22	do	460, 000
25 öre	2. 32	17	do	1, 820, 000
10 öre	1. 44	15	do	4, 659, 700
5 öre	8	27	95 copper, 4 tin, 1 zinc	3, 065, 400
2 öre	4	21	do	3, 011, 000
1 öre	2	16	do	3, 819, 000
Subtotal				18, 210, 466
Total				49, 113, 225

SWITZERLAND

5 francs	15	31	835 silver, 165 copper	154, 850
1 franc	5	23	do	2, 852, 900
50 centimes	2. 5	18	do	14, 022, 800
20 centimes	4	21	75 copper, 25 nickel	3, 074, 800
10 centimes	3	19	do	4, 451, 500
5 centimes	2	17	do	4, 690, 000
2 centimes	3	20	95 copper, 4 tin, 1 zinc	1, 915, 800
1 centime	1. 5	16	do	11, 520, 000
Total				42, 682, 650

TUNISIA

100 francs	12	31	75 copper, 25 nickel	436, 800

UNION OF SOUTH AFRICA

Pound	7. 9881	22	916⅔ gold, 83⅓ copper	16, 502
Half pound	3. 994	19. 5	do	16, 002
Crown	28. 2759	39	500 silver, 480 copper, 20 manganese	1, 725, 502
Half crown	14. 1379	32. 2	do	1, 446, 268
Florin	11. 3104	28. 6	do	2, 991, 848
Shilling	5. 6552	23. 8	do	1, 935, 066
Sixpence	2. 8276	19. 3	do	3, 971, 636
Threepence	1. 4138	16. 3	do	11, 596, 457
Penny	9. 4498	30. 9	95 copper, 4.5 zinc, 0.5 tin	10, 654, 085
Halfpenny	5. 6699	25. 5	do	3, 025, 020
Farthing	2. 835	20. 2	do	2, 804, 605
Total				40, 182, 991

Coinage of nations during the year ended Dec. 31, 1952—Continued

UNITED KINGDOM

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Sovereign	7.9881	22	916⅔ gold, 83⅓ copper	430,000
Half-crown	14.13795	32.3	75 copper, 25 nickel	720,370
Florin	11.31036	28.5	do	433,525
Shilling	5.65518	23.6	do	1,543,622
Sixpence	2.82759	19.4	do	1,733,902
Threepence	6.80388	(a)	79 copper, 20 zinc, 1 nickel	10,339,200
Penny	9.44984	30.9	95.5 copper, 3 tin, 1.5 zinc	720,000
Halfpenny	5.6699	25.5	do	24,422,400
Farthing	2.83495	20.2	do	5,030,400
Maundy money				
Fourpence	1.88506	17.6	925 silver, 75 copper	1,064
Threepence	1.41379	16.3	do	1,012
Twopence	0.94253	13.4	do	1,064
Penny	0.47126	11.2	do	1,024
Total				45,377,583

[a] 12-sided coin, 21.1 mm. across flats, 21.9 mm. diagonally.

URUGUAY

5 centesimos	5	23	95.5 copper, 3 tin, 1.5 zinc	6,804,000
2 centesimos	3.5	20	do	8,810,000
Total				15,614,000

Consumption of metals in 1952 coinage of nations

[Calculations based upon standard weights and coinage production data as reported to the Director of the United States Mint. Units of weight shown are the fine troy ounce of 480 grains and the short ton of 2,000 avoirdupois pounds]

Country	Total gross weight	Gold		Silver		Nickel	Copper	Zinc	Tin	Aluminum	Other
	Tons	*Ounces*	*Tons*	*Ounces*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
United States	6,490.6			57,339,220	1,965.9	158.8	4,182.3	146.9	36.7		
Algeria	128.1					28.2	84.5			15.4	
Austria	153.4						3.1	17.8		130.5	[1] 2.0
Belgian Congo	82.7						55.1	27.6			
Belgium	479.6					112.8	365.4	.6	.8		
Bolivia	370.4						353.7	5.6	11.1		
Brazil	148.8					14.7	131.5	.5		2.1	
British East Africa	564.1					91.5	463.7	3.0	5.9		
British Honduras	.9					.1	.7	.1			
British West Africa	635.3					5.8	512.8	114.7	2.0		
Burma	197.3					49.0	148.2	[2]	[2]		
Canada	423.9			2,984,035	102.3		262.3	3.6	1.2		[3] 54.5
Ceylon	143.4					1.4	113.3	28.7			
Colombia	73.2			42,912	1.5	4.3	44.6	3.7			[4] 19.1
Costa Rica	13.2					3.3	9.9				
Cuba	83.7			2,054,432	70.4		11.7	1.6			
Denmark	108.5					9.1	55.3	42.2		1.9	
Dominican Republic	16.6			174,598	6.0		.7	9.4	.5		
El Salvador	13.6					1.6	9.5	2.5			
Ethiopia	66.0						62.7	3.3			
Fiji	4.1					.4	3.2	.5			
Finland	120.9			116,707	4.0	1.4	34.3	.4		1.6	[5] 79.2
France	2,080.4						1,893.1			187.3	
French Morocco	223.3						203.2			20.1	
French Oceania	7.7										[6] 7.7
French Somaliland	2.2						2.0			.2	
French West Africa	8.5										[6] 8.5
Germany (Federal Republic)	1,121.2			14,117,701	484.0	11.1	326.0	[2]	.1		[6] 300.0
Guatemala	8.6			80,629	2.8		4.4	1.4			
Honduras	6.9			180,848	6.2		.7				
India	729.5					32.1	676.3	17.3	3.8		
Indonesia	898.4					55.1	275.6			567.7	
Iran (year ended Mar. 20, 1952)	.9	22,760	0.8				.1				
Iraq	5.5						5.2	.1	.2		
Ireland	37.6					3.2	33.3	.4	.7		
Italy	250.6									241.1	[1] 8.8 [7] .7
Jamaica	14.8					.1	11.7	3.0			

Japan	2,641.2						2,452.3	164.8	24.1		
Jersey	7.5						7.2	.1	.2		
Libya	119.8					10.8	105.6	1.1	2.3		
Luxembourg	22.0					5.5	16.5				
Macau	52.2			209,872	7.2	2.5	40.9	1.0	.6		
Malaya	199.5					49.9	149.6				
Mauritius	6.8					1.2	5.5	(2)	.1		
Mexico	654.5			7,110,542	243.8	10.8	371.1	28.8			
Netherlands	252.8					47.3	195.2	2.1	8.2		
New Caledonia	8.3										[6] 8.3
New Zealand	153.7					6.6	141.4	1.9	3.8		
Nepal	124.4			1,071,310	36.7		82.9	4.8			
Nicaragua	9.4					2.4	7.0				
Norway	127.8					8.9	114.3	.9	3.7		
Pakistan	254.7					28.8	213.1	12.3	.5		
Paraguay	18.7						17.2			1.5	
Peru	100.0	422	(2)				66.4	33.6			
Portugal	51.0					6.5	36.9	7.3	.3		
Portuguese East Africa	19.4			406,483	14.0		5.4				
Portuguese Guinea	39.8			312,505	10.7	2.9	25.5	.4	.3		
Portuguese West Africa	22.2			466,414	16.0		6.2				
Saudi Arabia	870.2	235,421	8.1	23,031,323	789.6		72.5				
Seychelles	.3					.1	.2				
Southern Rhodesia	135.1					29.1	105.1	.3	.6		
Spain	156.1					20.6	128.1			7.4	
Sweden	187.9			939,873	32.2	4.0	142.3	5.1	4.3		
Switzerland	120.9			1,386,435	47.5	9.7	62.5	.2	1.0		
Tunisia	5.8					1.5	4.3				
Union of South Africa	295.0	5,769	.2	2,276,992	78.1		206.7	6.2	.7		[7] 3.1
United Kingdom	288.9	101,232	3.5	146	(2)	8.7	253.3	18.1	5.3		
Uruguay	71.5						68.3	1.1	2.1		
Total	22,731.8	365,604	12.6	114,302,977	3,918.9	841.8	15,443.6	725.0	121.1	1,176.8	491.9

[1] Magnesium.
[2] Less than 0.1 short ton.
[3] Steel, chrome plated.
[4] Steel, copper-nickel plated.
[5] Iron.
[6] Aluminum-magnesium.
[7] Manganese.

278422—54——5

Silver coins withdrawn from active circulation in various countries of the world during 1951 and 1952

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

Country	1951		1952	
	Nominal value in monetary unit of issuing country	Approximate number of fine ounces of silver contained	Nominal value in monetary unit of issuing country	Approximate number of fine ounces of silver contained
United States	2,262,955 dollars	1,553,758	2,105,522 dollars	1,448,610
Australia	1,022,687 pounds	3,405,500	(1)	(1)
Belgian Congo			39,142,600 francs	264,277
British West Africa	3,200 pounds	(1)	3,631 pounds	(1)
Canada	55,813 dollars	37,400	56,177 dollars	35,343
Colombia	5,945,177 pesos	4,300,692		
Cuba [2]	24,096,005 pesos	18,636,786	43,647,000 pesos	33,758,285
Fiji	616 pounds	(1)	172 pounds	(1)
Honduras [3]	5,471,200 United States dollars.	(1)	2,013,950 United States dollars.	(1)
Indonesia	(4)	(4)	(4)	(4)
Ireland			45,532 pounds	124,177
Jamaica	(1)	(1)	96 pounds	(1)
Malaya	36,250 dollars	31,643	37,250 dollars	32,015
Mexico	617,497 pesos	130,114	1,298,845 pesos	251,575
Netherlands	504,635 florin	146,669	17,178,717 florin	3,994,524
Pakistan [5]	14,258,663 rupees	5,320,019		
Portuguese East Africa	245,120 escudos	8,226		
Southern Rhodesia	45,458 pounds	128,728	97,453 pounds	144,232
Sweden	15,899 kronor	2,563	36,592 kronor	5,741
Switzerland	200,000 francs	30,543	600,000 francs	81,663
Turkey	(1)	(1)	12,480 pounds	3,996
Union of South Africa	84,076 pounds	234,885	34,712 pounds	94,303
United Kingdom	7,661,372 pounds sterling	7,048,866	417,072 pounds sterling	1,102,165
Total reported		41,016,392		41,340,906

[1] Data not available.
[2] Represents sales of demonetized silver peso discs.
[3] United States coins withdrawn from circulation.
[4] Legal tender of silver coins withdrawn. Emergency law No. 13 of Dec. 30, 1952, effective Jan. 1, 1953, established for withdrawal of coin.
[5] Coins of India.

Secondary gold and silver deposited with the monetary authority in various countries during 1951 and 1952 [1]

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

Country	1951		1952	
	Gold	Silver	Gold	Silver
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*
United States	171,009	378,961	177,249	248,419
Australia	12,294	106,871	(2)	(2)
Canada	19,323	3,676	14,941	2,511
Turkey	(2)	(2)	141,560	[3] 209,000
Union of South Africa		19,760		10,814
Total	202,626	509,268	333,750	470,744

[1] Represents old plate, jewelry, and other old material returned from use in the industrial arts.
[2] Data not available.
[3] Approximate.

Estimated quantity of gold and silver used in the industrial arts in various countries during 1951 and 1952

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

Country	1951		1952	
	Gold	Silver	Gold	Silver
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*
United States	1,985,057	105,000,000	2,752,872	96,500,000
Argentina	[1]	[1]	289,356	1,607,537
Australia	63,643	1,743,056	[1]	[1]
Austria	31,505	129,928	36,999	116,424
Belgium	24,000	1,900,000	38,300	1,250,000
Brazil	115,871	[2] 1,235,328	[1]	[1]
British Guiana	4,685	----------	7,875	[1]
Canada	286,000	4,421,000	100,000	3,800,000
Ceylon	60,000	140,000	150,000	500,000
Colombia	25,000	[1]	31,600	[1]
Cuba [3]	8,553	4,714	12,931	9,484
El Salvador	9,933	1,000	9,791	1,200
Finland	15,016	405,278	13,107	398,488
France	[1]	10,407,195	[1]	10,545,444
Germany [4]	9,793	9,973,118	11,191	10,375,451
Guatemala	800	20,000	800	20,000
Haiti	[1]	[1]	1,000	45,000
Honduras	1,500	25,000	1,500	20,000
Indonesia	[1]	[1]	[1]	588,605
Japan	[1]	[1]	[5] 12,685	[1]
Lebanon	48,226	----------	28,936	----------
Liberia	[1]	[1]	2,000	[1]
Libya	[1]	[1]	3,215	13,664
Luxembourg [6]	58	----------	5	----------
Madagascar	[1]	[1]	[7] 12	----------
Mexico	[1]	1,045,880	[1]	970,408
Netherlands Antilles	145	[1]	290	[1]
New Zealand	13,364	[1]	[8] 7,123	[1]
Nicaragua	6,926	5,732	5,675	5,814
Norway	[9] 7,716	964,522	[9] 8,038	1,286,030
Paraguay	3,858	13,503	[1]	[1]
Peru	48,226	515,280	64,301	471,555
Portugal	[1]	[1]	199,617	1,469,533
Sweden	[9] 69,831	----------	[9] 70,828	----------
Tunisia	54,279	1,124,762	33,180	489,624
Turkey	125,388	501,552	[1]	[1]
Union of South Africa	22,253	377,947	23,450	545,758
United Kingdom	718,381	16,637,291	531,130	9,064,207
Venezuela [7]	74,975	----------	88,600	----------
Total	3,834,982	156,592,086	4,536,407	140,094,226

[1] Data not available.
[2] Production plus imports.
[3] Imports.
[4] Issued for technical purpose.
[5] Allocation of Government-owned gold for use in the industrial arts.
[6] Issued for dental use.
[7] Sales to jewelers and dentists.
[8] For period Oct. 1, 1951–Sept. 30, 1952.
[9] Official sales.

Characteristics of coins in circulation in 1952

CONVERSION FACTORS USED: 1 GRAM=15.43235639 GRAINS. 1 MILLIMETER=0.039370 INCH. 1 INCH=25.40001 MILLIMETERS

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
½ dollar (50 cents)	12.5	do	30.6	2.2
¼ dollar (25 cents)	6.25	do	24.3	1.7
⅒ 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	2.689	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]

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 1952—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 pure 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. Unmilled edge.	21	1.5
10 centavos*	3	do	19	1.3
5 centavos*	2	do	17	1.1
2 centavos	3½	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

2 schillings	2.8	98.5 aluminum, 1.5 magnesium	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 ducats	13.9636	986⅓ gold, 13⅓ copper	39.5	.8
1 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
Maria Theresa thaler	28.0668	833⅓ silver, 166⅔ copper	39.5	2.5

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 1952—Continued

BECHUANALAND

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

BELGIAN CONGO

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	66⅔ copper, 33⅓ 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	66⅔ copper, 33⅓ zinc	25½	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

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	4	Copper, zinc, 15/100 nickel minimum	22–4	
Do	4	64 copper, 20 zinc, 16 nickel	22–3	
Do	4	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

¼ 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 1952—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
50 centavos	5.5	95 copper, 5 zinc	24	2
20 centavos	3.25	Zinc with impurities	21.2	3.5
10 centavos	1.75	do	17.9	2.5
Do	5	75 copper, 25 nickel	20	2.5
5 centavos	2.5	do	25	3.5

Minor number of Bolivian 20, 10, and 5 centavo denominations in circulation.
Law of Nov. 27, 1950, changes name of Bolivian currency from "Boliviano" to "Bolivar," and reduces currency ratio 10 bolivianos to 1 bolivar. Small denominations of currency will be replaced by coins. Coins issued previously will retain paying power for value of their issue.

BORNEO

[Malayan coins in circulation in 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
Do	5	88 copper, 12 nickel	21	2
20 centavos	4	90 copper, 8 aluminum, 2 zinc	19	2
Do	4	88 copper, 12 nickel	19	2
10 centavos	3	90 copper, 8 aluminum, 2 zinc	17	2
Do	3	88 copper, 12 nickel	17	2

BRITISH CAMEROONS

[British West African coins circulate in the British Cameroons]

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

1 shilling	7.7759	250 silver, 700 copper, 50 manganese; also, 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

Silver coins in process of withdrawal in British East Africa.
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 1952—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.

BRUNEI

[Malayan coins circulate in Brunei]

BURMA

Rupee	11.664	75 copper, 25 nickel	30.5	
½ rupee	5.832	Nickel	24.1	
¼ 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	
½ 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 ½ and ¼ rupee denominations are round; 2 anna and ½ anna, square with round corners; and 1 anna, scalloped.

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
½ cent	2.362	do	18	1.5

a Across scallops, 22.9 mm. Inside scallops, 21 mm.
b Diagonally, 21.5 mm. Across flats, 18.2 mm.
c Across scallops, 18.4 mm. Inside scallops, 17 mm

Characteristics of coins in circulation in 1952—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	2.2
20 centavos	5	do	23	1.3
10 centavos	2.5	do	18	1
Do	2.5	500 silver, 400 copper, 50 nickel, 50 zinc; and 75 copper, 25 nickel.	18	1.2
5 centavos	4	95 copper, 5 nickel; and 75 copper, 25 nickel	21	1.3
2 centavos	3	95 copper, 5 nickel; 75 copper, 25 nickel; and 84 copper, 16 zinc.	19	1.2
1 centavo	2	95 copper, 5 nickel; 75 copper, 25 nickel; and steel, copper nickel plated (75–25).	17	1.5

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
5 centimos	1	do	15	1
Do	1	do	15	.9

CUBA

1 peso	26.7295	900 silver, 100 copper	38.1	2.9
40 centavos	10	do	29.1	1.8
20 centavos	5	do	23.2	1.3
10 centavos	2.5	do	17.9	1.3
5 centavos	5	70 copper, 30 zinc; and 75 copper, 25 zinc	21.2	1.9
2 centavos	3.5	75 copper, 25 zinc	19.3	1.6
1 centavo	2.3055	70 copper, 30 zinc	19	1.5
Do	2.5	75 copper, 25 zinc	19	1.5

United States coins continued to circulate in Cuba, although legal tender expired June 30, 1951, by virtue of 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
½ 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 1952—Continued

CZECHOSLOVAKIA (1950)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
100 koruny	14	500 silver, 400 copper, 50 nickel, 50 zinc	31	
50 koruny	10	do	28	
20 koruny	12	700 silver, 300 copper	34	
10 koruny	10	do	30	
2 koruny	6	80 copper, 20 nickel	23.5	
1 koruna	4.5	do	21	
Do	1.3	Aluminum	21	
Do	4.5	Zinc	23	
50 halers	3	92 copper, 8 zinc	20	
20 halers	2	do	18	
10 halers	1.6	do	16	
Do	1.866	Zinc	17	

DENMARK

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:				
Christain 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
½ 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	3.11	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 1952—Continued

EGYPT

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	833⅓ silver, 166⅔ 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	
2½ milliemes	3	do	20	
2 milliemes	2.5	do	18	
1 millieme	4.4	95 copper, 4 tin, 1 zinc	23	
½ millieme	3½	do	20	

EL SALVADOR

25 centavos	7.5	900 silver, 100 copper	29	
10 centavos	7	75 copper, 25 nickel; and 70 copper, 18 zinc, 12 nickel.	26	1.8
5 centavos	5	do	23	1.3
Do	5	70 copper, 18 zinc, 12 nickel	23	
Do	5	12 percent nickel-silver	23	
3 centavos	4	75 copper, 25 nickel	20	
1 centavo	2.5	95 copper, 5 zinc	16	
Do	2.5	75 copper, 25 nickel	16	
Do	2.5	95 copper, 5 zinc and tin	16	1.6

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	1.8
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 (1950)

25 øre	4.5	75 copper, 25 nickel	23	
10 øre	3	do	18	
5 øre	7.6	95.5 copper, 3 tin, 1.5 zinc	27	
2 øre	3.8	do	21	
1 øre	1.9	do	16	

Coins of the Faroe Islands are perforated. Diameters of perforations of denominations listed are 4.6, 3.6, 5.4, 4.2, and 3.2 mm., respectively.

Characteristics of coins in circulation in 1952—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
20 markkaa	13	92 copper, 6 aluminum, 2 nickel	31	2.3
10 markkaa	8	do	27	2
Do	3	93 copper, 5 aluminum, 2 nickel	20	1.5
5 markkaa	4.5	do	23	1.8
Do	4.55	72 copper, 28 zinc	23	1.8
Do	4.5	90 copper, 7 zinc, 3 aluminum	23	1.8
Do	2.55	Iron	18	1.5
1 markka	4	75 copper, 25 nickel	21	1.5
Do	4	Pure copper, or; 95 copper, 4 tin, 1 zinc	21	1.5
Do	3.5	Iron	21	1.5
Do	1.15	do	16	1
50 penniä	2.55	75 copper, 25 nickel	18.5	1.3
Do	2.55	Pure copper, or; 95 copper, 4 tin, 1 zinc	18.5	1.3
Do	2.25	Iron	18.5	1.3
25 penniä	1.275	75 copper, 25 nickel	16	1
Do	1.125	Iron	16	1
10 penniä	5	Pure copper, or; 95 copper, 4 tin, 1 zinc	22	1 to 1.5
Do	2.55	do	18.5 †3.5	1 to 1.5
Do	1.125	Iron	16 †3	1 to 1.5
5 penniä	2.5	Pure copper, or; 95 copper, 4 tin, 1 zinc	18	1 to 1.5
Do	1.275	do	16 †3	1 to 1.5

†Perforation.
Few coins of 25, 10, and 5 penniä denominations are in circulation.

FRANCE

50 francs	8	91 copper, 9 aluminum	27	----------
20 francs	4	do	23.5	----------
10 francs	7	75 copper, 25 nickel	26	----------
Do	3	91 copper, 9 aluminum	20	----------
5 francs	3.5	Aluminum	31	----------
2 francs	2.2	do	27	----------
1 franc	1.3	do	23	----------

Law no. 50586 of May 27, 1950, authorized the minting of 100 franc denomination silver coin of 720 fineness, characteristics to be determined by the Minister of Finance.

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 1952—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
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	Aluminum	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 (WEST)

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 pfennig	3.5	do	20	1.6
10 pfennig	4	Iron kernel with 5 percent copper-zinc plating.	21.5	1.7
5 pfennig	3	do	18.5	1.7
2 pfennig	3.25	95 copper, 4 tin, 1 zinc	19.3	1.5
1 pfennig	2	Iron kernel with 5 percent copper plating	16.5	1.4

GIBRALTAR

United Kingdom coins circulate in Gibraltar]

GREENLAND

5 kroner	13.25	70 copper, 30 zinc	31	2.4
1 krone	7.5	92 copper, 6 aluminum, 2 nickel	28.2	1.6
50 ører	3.75	do	22	1.9
25 ører	7	75 copper, 25 nickel	25	2

In addition, 1 øre, 2, 5, and 10 ører coins of Denmark circulate in Greenland.

Characteristics of coins in circulation in 1952—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	8⅛	720 silver, 280 copper	27	1.3
10 centavos	3⅛	do	21	.8
5 centavos	1⅜	do	16	.7
2 centavos	6	70 copper, 30 zinc	25.5	1.6
1 centavo	3	do	21	1
½ centavo	1½	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
5 centimes	2.65	do	20	1.1

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 also circulate in Honduras.

HONG KONG

50 cents		75 copper, 25 nickel		
10 cents	4.5359	79 copper, 20 zinc, 1 nickel	20.6	
5 cents	2.5920	do	16.5	

HUNGARY (1949)

20 forints (centenary)	28	500 silver, 500 copper	40	2.3
10 forints (centenary)	20	do	36	2.2
5 forints I	20	835 silver, 165 copper	32	2.3
5 forints II, III	12	500 silver, 500 copper	32	1.6
2 forints	2.8	Aluminum	28	1.8
1 forint	1.5	do	23.7	1.3
50 fillér	1.4	do	22.5	1.3
20 fillér	4	96 copper, 4 aluminum	21	1.3
10 fillér	3	do	19.4	1.4
5 fillér	0.6	Aluminum	17.5	1
2 fillér	3	90 copper, 10 zinc	17	1.6

Characteristics of coins in circulation in 1952—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
Do	6	97 copper, 2.5 zinc, 0.5 tin	24	1.5
2 aurar	3	95 copper, 4 tin, 1 zinc	19	1.3
Do	3	97 copper, 2.5 zinc, 0.5 tin	19	1.3
1 eyrir	1.6	95 copper, 4 tin, 1 zinc	15	1
Do	1.6	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
½ rupee	5.8319	500 silver, 500 copper, zinc, and nickel	24.1	
Do	5.8319	Pure nickel	24.1	1.4
¼ rupee or 4 annas	2.916	916⅔ silver, 83⅓ 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	
⅛ rupee or 2 annas	1.458	916⅔ silver, 83⅓ 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	
½ 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.
Do	2.916	do	21.3	10.
Do	1.944	do	21.3	13.
½ 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 anna coin of cupro-nickel and 1 anna coins, scalloped, 2 anna and ½ 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 until Mar. 31, 1953.

INDOCHINA (1950)

1 piastre	18	75 copper, 25 nickel	35	
20 cents	2.2	Aluminum	27	
Do	7	90 nickel, 10 copper	24	
10 cents	1.3	Aluminum	23	
Do	3	90 nickel, 10 copper	18	
5 cents	0.7	Aluminum	18	
1 cent	0.5	do	17	

Characteristics of coins in circulation in 1952—Continued

INDONESIA

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	
2½ 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	
½ 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	
2½ 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	
½ pahlavi	4.06799	do	19	
10 rials	16	600 silver, 400 copper	32	
5 rials	8	do	26	
2 rials	3.2	do	22	
1 rial	1.6	do	18	
50 dinars	3.49	Copper; and 91.5 copper, 8.5 aluminum		
5 dinars	1.65	do		

IRAQ

200 fils (riyal)	20	900 silver, 100 copper	34	
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	4.53503	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.

ISLE OF MAN

[United Kingdom coins circulate in the Isle of Man]

ISRAEL (1951)

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.

Characteristics of coins in circulation in 1952—Continued

ITALIAN SOMALILAND

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
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).	29	1.7
5 lire	2.5	do	26.7	1.8
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	79 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

5 yen	4	60 to 70 copper, 30 to 40 zinc	22	1.6
Do	3.75	do	22 5	1.5
1 yen	3.2	do	20	1.5
50 sen	4.5	do	23.5	1.7
Do	2.8	do	19	1.5
10 sen	1.5	Pure aluminum	22	1.8
Do	1.2	do	22	1.5
Do	1	do	22	1.3
Do	1	do	22	1.3
Do	2.4	93 tin, 7 zinc	19 5	1.7
Do	4	95 copper, 5 aluminum	22 4.6	1.7
5 sen	2.8	do	19 4	1.5
Do	1.95	93 tin, 7 zinc	17 4	1.7
Do	2	do	17	1.5
Do	1.2	Pure aluminum	19	1.9
Do	1	do	19	1.6
Do	0.8	do	19	1.3
1 sen	3.75	95 copper, 4 tin, 1 zinc	23	1.4
Do	3.75	90 copper, 10 zinc	23	1.3
Do	0.9	Pure aluminum	17.5	1.7
Do	0.65	do	16	1.6
Do	0.55	do	16	1.3
Do	1.3	50 tin, 50 zinc	15	1.5

Japanese coins with 2 diameters are round with round hole in center.

Characteristics of coins in circulation in 1952—Continued

JERSEY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Penny	9.44984	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]

LEBANON

50 piasters	10	680 silver, 320 copper	28	2
25 piasters	5	do	24	1.5
10 piasters	2	do	17	1
5 piasters	4.2	91 copper, 9 aluminum	22.5	1.5
2½ piasters	2.9	do	21	1.5
2 piasters	1.9	do	18	1

The 2½ and 2 piasters are being withdrawn from circulation.

LEEWARD ISLANDS

[United Kingdom coins circulate in the Leeward Islands]

LIBERIA

[United States money chief circulating medium in Liberia. See previous years' Report for Liberian coins formerly issued]

LIBYA

[Coins authorized by Libya Coinage Law No. 4 of Oct. 24, 1951]

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 millieme	3	do	18	1

Characteristics of coins in circulation in 1952—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
10 centimes	4	Copper	23	1.4
5 centimes	2.5	do	19	1.2

Belgian coins also circulate in Luxembourg.

MADAGASCAR

2 francs (Republique Francaise)	2.2	Aluminum	27	2
1 franc (Republique Francaise)	1.3	do	23	1.5
50 centimes (Republique Francaise)	2.04	91 copper, 9 aluminum	18–9.5	1–0.1

MALAYA (FEDERATION)

1 dollar	20.217	900 silver		
Do	16.848	500 silver		
½ dollar	10.108	900 silver		
Do	8.424	500 silver		
20 cents	5.43	800 silver	23.3	
Do	5.43	750 silver	23.3	
Do	5.43	600 silver	23.3	
Do	5.43	500 silver	23.3	
Do	5.43	400 silver	23.3	
Do	5.655	75 copper, 25 nickel	23.6	
10 cents	2.715	800 silver	18	
Do	2.715	750 silver	18	
Do	2.715	600 silver	18	
Do	2.715	500 silver	18	
Do	2.715	400 silver	18	
Do	2.827	75 copper, 25 nickel	19.4	
5 cents	1.357	800 silver	15.7	
Do	1.357	750 silver	15.7	
Do	1.357	600 silver	15.7	
Do	1.357	500 silver	15.7	
Do	1.357	400 silver	15.7	
Do	1.413	75 copper, 25 nickel	16.3	
Do	4	do		
1 cent	9.331	95 copper, 4 tin, 1 zinc		
Do (square)	5.832	do		
Do (square)	4.212	95 copper, 4 tin, 1 zinc; and 95.5 copper, 3 tin, 1.5 zinc.	19.8–23.4	
½ cent	4.665	95 copper, 4 tin, 1 zinc		
Do (square)	2.916	do		
¼ cent	2.333	do		

Malayan coins circulate in the Colony of Singapore including its dependencies, Christmas and Cocos Islands; the Federation of Malaya; Brunei; and the Settlement of Labuan; and since 1945, in the colonies of Borneo and Sarawak.

Silver coins will cease to be legal tender as from Dec. 31, 1952.

Characteristics of coins in circulation in 1952—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	
½ rupee	5.8319	do	23.6	
¼ 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	

MEXICO

5 pesos	30	900 silver, 100 copper	40	3
Do	27⅞	720 silver, 280 copper	40	3
1 peso	14	500 silver, 400 copper, 60 nickel, 40 zinc	32	2.3
Do	13½	300 silver, 500 copper, 100 nickel, 100 zinc	32	2.3
50 centavos	6¾	do	26	1.7
25 centavos	3½	do	21.5	1.3
20 centavos	10	95 copper, 4 zinc, 1 tin; and 95 copper, 5 zinc	28.5	2.2
10 centavos	5½	80 copper, 20 nickel	23.5	1.4
5 centavos	4	do	20.5	1.7
Do	4	75 copper, 25 nickel	20.5	1.7
Do	6½	95 copper, 4 zinc, 1 tin; and 95 copper, 5 zinc	25.5	1.8
1 centavo	3	95 copper, 4 zinc, 1 tin	20	1.4
Do	2	85 copper, 15 zinc	16	1.4

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	833⅓ silver, 166⅔ copper	39.5	2.5
½ thaler		do		
50 baiza		75 copper, 25 nickel		
20 baiza		do		
10 baiza		do		
5 baiza		do		
2 baiza		do		

Coins of India also circulate in Muscat.

NEPAL

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 1952—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 (2½ 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	3.3	Zinc	22	
Do	1.5	Nickel	15	
Stuiver (5-cents)	3.5	95 copper, 4 tin, 1 zinc	21	
Centstukken	2.5	do	19	
Do	2	Zinc	17	
Do	2	95 copper, 4 tin, 1 zinc	17	

Gold ducat without capacity of legal tender.

NETHERLANDS ANTILLES (CURAÇAO)

Rijksdaalder (2½ 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
2½ cents	4	95 copper, 4 zinc, 1 tin	23.5	
1 cent	2.5	do	19	

NETHERLANDS GUIANA (SURINAM)

¼ guilder (25 cents)	3.575	640 silver, 360 copper	19	1.7
⅒ guilder (10 cents)	1.4	do	15	1.1
5 cents	4.5	Nickel-silver	18	1.8
2½ cents	4	95 copper, 4 zinc, 1 tin; or 70 copper, 30 zinc	23.5	
1 cent	2.5	do	19	

Few 2½ cent coins are now in circulation.

NEW CALEDONIA

2 francs	1.2	Aluminum-magnesium (approximately 95–5)		
1 franc	0.8	do		

NEW ZEALAND

Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc	38.7	
Half-crown	14.13795	500 silver, 400 copper, 50 nickel, 50 zinc; and 75 copper, 25 nickel.	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 1952—Continued

NICARAGUA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 cordoba	15	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	5.25	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
½ 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 zinc	15	3
Do	1.25	99.8 zinc, 0.2 cadmium	15	
5 øre	8	95 copper, 4 tin, 1 zinc	27	
Do	6.944	Iron	27	
2 øre	4	95 copper, 4 tin, 1 zinc	21	
Do	3.472	Iron	21	
1 øre	2	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	2.5
½ rupee	5.8319	do	24.1	2
¼ rupee	2.916	do	19.1	1.5
2 annas	5.8319	75 copper, 25 nickel	25.4 22.4	2
1 anna	3.8879	do	21 19.8	2
½ anna	2.916	do	19.8 17.4	1.5
Single pice	1.944	97 copper, 2.5 zinc, 0.5 tin	21.3	1.2
Pie piece	1.296	do	16	1

The 2- and ½-anna coins of Pakistan are square with round corners, the anna is scalloped, 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
2½ centesimos	3.3	do	18	1.8
1¼ 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 1952—Continued

PARAGUAY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
50 centimos	6	92 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	23	
1 sol	14	70 copper, 30 zinc	33	2
Do	14	79 copper, 20 zinc, 1 nickel	33	2
½ sol	7.5	70 copper, 30 zinc	27	1.6
Do	7.5	79 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

POLAND (1950)

1 zloty	6.975	Copper-nickel	25	2
50 groszy	5.035	do	23	1.8
20 groszy	2.9	do	20	1.4
10 groszy	2	do	17.6	1.3
5 groszy	2.995	Brass	20	1.5

PORTUGAL

10 escudos	12.5	835 silver, 165 copper	30	1.7
5 escudos	7	650 silver, 350 copper	25	1.4
2½ 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 1952—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	
10 escudos	12.5	835 silver, 165 copper	30	1.7
Do	5	720 silver, 280 copper	24	
5 escudos	7	650 silver, 350 copper	25	1.4
2½ escudos	3.5	do	20	1.1
Do	3.5	75 copper, 25 nickel	20	
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

PORTUGUESE INDIA

1 rupee	11.664	916⅔ silver, 83⅓ copper	30	1.7
Do	12	500 silver, 420 copper, 80 nickel	30	1.9
Do	12	75 copper, 25 nickel	30	
½ rupee	5.832	916⅔ silver, 83⅓ copper	25	1.2
Do	5.6	75 copper, 25 nickel	24	1.5
Do	6	do	24	
¼ 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	

PORTUGUESE MACAU

5 patacas	15	720 silver, 280 coppper	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	
2½ 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
20 centavos	3	95 copper, 3 zinc, 2 tin	20.5	1.1
10 centavos	2	do	17.5	1

Characteristics of coins in circulation in 1952—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	
2½ 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

PORTUGUESE WEST AFRICA (GUINEA)

20 escudos	10	720 silver, 280 copper	30	
10 escudos	5	do	24	
2½ 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
50 centavos	4	do	22.8	1.3
Do	4	do	20	

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
2½ 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

REUNION

2 francs	2.2	Aluminum	27	
1 franc	1.3	do	23	

RUMANIA (1950)

5 lei	1.5	Aluminum with 1.5 percent impurities	23	2
2 lei	3.5	92 copper, 8 zinc	21	1.5
Do	2.5	63 copper, 37 zinc	18	1.2
1 leu	2.5	do	18	1.2
Do	1.7	70 copper, 30 zinc	16	1
50 bani	1.7	do	16	1

The 5 lei aluminum coin bearing the monarchial effigy withdrawn from circulation July 1, 1950; the 5 lei aluminum coin bearing the Republic's seal continues to circulate. The 2 and 1 lei coins bearing the monarchial insignia withdrawn from circulation between Nov. 1 and Dec. 31, 1950.

SAINT-PIERRE ET MIQUELON

2 francs	2.2	Aluminum	27	
1 franc	1.3	do	23	

SARAWAK

50 cents	10.368	400 silver, 600 copper	31	2.5
20 cents	5.184	do	23.5	2
10 cents	5.832	75 copper, 25 nickel	26	1.5
5 cents	3.888	do	21	1.5
1 cent	5.5	Copper	24.5	2
½ cent	3	do	18	2

Malayan coins also in circulation in Sarawak since 1945.

Characteristics of coins in circulation in 1952—Continued

SAUDI ARABIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Saudi sovereign	7.98805	916⅔ gold, 83⅓ copper	22	1.7
1 riyal	11.6638	916⅔ silver, 83⅓ copper	30.5	1.7
½ riyal	5.8319	do	24.4	1.4
¼ riyal	2.9160	do	19.5	1.1
1 qurush	6.5	75 copper, 25 nickel	26	1.5
½ qurush	5.5	do	23	1.5
¼ qurush	4.25	do	20	1.4

SEYCHELLES

1 rupee	11.6638	500 silver, 400 copper, 50 zinc, 50 nickel	30	
½ rupee	5.8319	do	23.6	
25 cents	2.916	do	19	
Do		75 copper, 25 nickel		
10 cents (scalloped)	6.8039	do	25	
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	

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

Half-crown (2½ s.)	14.13795	500 silver, 400 copper, 50 nickel, 50 zinc	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 (2 s.)	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.

SPAIN

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

Characteristics of coins in circulation in 1952—Continued

SPANISH MOROCCO

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

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	900 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	6.9	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
½ 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 1952—Continued

SYRIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
100 piasters (1 pound)	10	680 silver, 320 copper	28	2
50 piasters*	10	do	28	2
Do	5	600 silver, 400 copper	24	1.5
25 piasters*	5	680 silver, 320 copper	24	1.5
Do	2.5	600 silver, 400 copper	20	1.4
10 piasters*	2	680 silver, 320 copper	17	1
Do	4	75 copper, 25 nickel	21	1.5
5 piasters	4.2	Bronze-aluminum	22.5	1.5
Do	3	75 copper, 25 nickel	19	1.5
2½ piasters	2.9	Bronze-aluminum	21	1.5
Do	2	75 copper, 25 nickel	17	1.5
2 piasters*	1.9	Bronze-aluminum	18	1
1 piaster*	5	Bronze-nickel	24	1.5
Do.*	3.5	Zinc	24	1.5
½ piaster*	4	Bronze-nickel	21	1.5

*Few, if any, in circulation.

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	

TRIESTE (1950)

[Italian coins circulate in Zone A of Free Territory of Trieste]

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 in 1952—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
2½ kurus	3.125	do	21	1.2
1 kuru	2.25	do	18	1.2

Turkish cupro-nickel coins are being withdrawn.

UNION OF SOUTH AFRICA

Crown	28.2759	800 silver, 200 copper; and 500 silver, 450 copper, 50 manganese or, 480 copper, 20 manganese.	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

South African coins also circulate in Basutoland, Bechuanaland, South West Africa, and Swaziland.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Imperial coins				
Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc; and 75 copper, 25 nickel.	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				
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	

Maundy Money does not actively circulate, but is minted for distribution of the Royal Maundy at Westminister Abbey on Maundy Thursday. Weights shown in preceding two years were in grains rather than grams.

Silver coins (except Maundy Money) are no longer coined, but are in process of withdrawal from circulation, and are being replaced by the cupro-nickel coins authorized under the coinage act of 1946. Cupro-nickel coins are approximately 0.1 mm. thicker than silver coins.

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.

Characteristics of coins in circulation in 1952—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	
10 Vatican lire	3	96.2 aluminum, 3.5 magnesium, 0.3 manganese.	29	
5 Vatican lire	2.5	do	26.7	
2 Vatican lire	1.75	do	24.1	
1 Vatican lira	1.25	do	21.6	

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
½ bolivar	2.5	do	18	1
¼ bolivar	1.25	do	16	.7
12½ 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 1952 [1]

Country or international institution	Monetary unit	Exchange rate, average for December 1952 [2]	Gold bullion and coin held by Government agencies		Silver bullion and coin—United States dollar value			
			Number of fine troy ounces (000 omitted)	United States 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] 664,355	[3] $23,252,434	$2,155,219	$293,263	$1,360,575	$3,809,057
Algeria and Tunisia	Franc	.002856	168	5,892				
Austria	Schilling	.047	1,495	52,335				
Belgian Congo and Ruanda-Urundi	Franc	.02	2,289	80,127		37	180	217
Belgium	do	.019941	20,103	703,613	2,308	3,633	50,408	56,349
Bolivia	Boliviano	.0165	593	20,766		39		39
Brazil	Cruzeiro	.054406	9,053	316,843				
British Guiana	Dollar	.58333					[4] 1,167	[4] 1,167
British Honduras	do	.70					105	105
British West Africa	Pound	2.80				34	2,491	2,525
British West Indies:								
Barbados	Dollar	.58333					303	303
Jamaica	Pound	2.80				[5] 813	(5)	[5] 813
Trinidad and Tobago	Dollar	.58333				[4] 71	[4] 249	[4] 320
Canada	do	1.03002	[6] 25,390	[6] 888,637	229	414	85,970	86,613
Chile	Peso	.0322581	1,191	41,668				
Colombia	do	.512825	[7] 1,886	[7] 66,000			6,360	6,360
Costa Rica	Colon	.178094	59	2,055				
Cuba	Peso	1.00	6,107	213,748		[8] 31,589	[8] 6,500	[8] 38,089
Cyprus	Pound	2.80					1,311	1,311
Denmark	Krone	.144778	895	31,315				
Dominican Republic	Peso	1.00	345	12,076		171	1,668	1,839
Ecuador	Sucre	.0666667	645	22,576	170	792	1,020	1,982
Egypt and Anglo-Egyptian Sudan	Pound	2.87156	4,968	173,880		1,160	16,445	17,605
El Salvador	Colon	.40	840	29,391		[8] 56	[8] 1,704	[8] 1,760
Ethiopia	Dollar	.4025	114	3,984	4,195	938	9,211	14,344
Fiji	Pound	2.52252				60	530	590
Finland	Markka	.004354	754	26,392		600	717	1,317
France	Franc	.002856	[9] 16,360	[9] 572,616	2,813			2,813
French Morocco	do	.00286	446	15,613				
Germany (Federal Republic)	Deutschemark	.238	3,991	139,681		4,645	10,013	14,658
Greece	Drachma	.00007	289	10,102				
Guatemala	Quetzal	1.00	778	27,228	32	26	3,144	3,202
Haiti	Gourde	.20	76	2,648		[8] 22	[8] 30	[8] 52
Honduras	Lempira	.50	3	109		[8] 1,120	[8] 3,646	[8] 4,766
Iceland	Krona	.0614036	29	1,015				

Gold and silver monetary stocks of principal countries of the world at end of calendar year 1952 [1]—Continued

Country or international institution	Monetary unit	Exchange rate, average for December 1952 [2]	Gold bullion and coin held by Government agencies		Silver bullion and coin—United States dollar value			
			Number of fine troy ounces (000 omitted)	United States 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)
India	Rupee	.21025	7,066	247,297	[10]	[10]	[10]	[10]
Indonesia	Rupiah	.0877	6,724	235,346	3,604			3,604
Iran [11]	Rial	.0310078	3,945	138,080	396		6,018	6,414
Iraq	Dinar	2.80				392	2,616	3,008
Ireland	Pound	2.8059	501	17,534			5,775	5,775
Italy	Lira	.0016	9,939	347,867	20,411	190		20,601
Lebanon	Pound	.456313	875	30,630		[12]	[12]	322
Liberia	Dollar	1.00	[13]	15		[14]	[14]	[14]
Luxembourg	Franc	.02	86	3,024		179	161	340
Malaya	Dollar	.32523				43	[15] 7,541	7,584
Mexico	Peso	.11623	[16] 4,145	[16] 145,082	21,483	1,992	36,353	59,828
Netherlands	Guilder	.26277	15,545	544,069	40,375	[10]	[10]	40,375
Netherlands Antilles	do	.530264	559	19,566		172	358	530
Netherlands Guiana (Surinam)	do	.530264	166	5,809	[13]	447	[10]	447
New Zealand	Pound	2.7781	942	32,973		146	7,374	7,520
Nicaragua	Cordoba	.20	79	2,757		27	76	103
Norway	Krone	.14015	1,429	50,006				
Pakistan	Rupee	.30225	1,097	38,379				
Panama	Balboa	1.00	[13]	10		[8]	[8]	[8]
Paraguay	Guarani	.166667	5	190				
Peru	Sol	.063816	1,308	45,772		[13]		
Philippines	Peso	.49677	263	9,214	125	10,524	39,585	50,234
Portugal	Escudo	.034839	8,167	285,857	255	1,016	9,839	11,110
Portuguese East Africa (Mozambique)	do	.034839	624	21,835		767	1,211	1,978
Saudi Arabia	Riyal	.30	[17] 313	[17] 10,945		1,659	36,000	37,659
Seychelles	Rupee	.21					30	30
Southern Rhodesia [18]	Pound	2.80			120	101	1,601	1,822
Spain	Peseta	.045662	1,470	51,462		16,863		16,863
Sweden	Krona	.19323	5,269	184,427	499	659	45,205	46,363
Switzerland	Franc	.23332	40,298	1,410,443	1,045	6,649	67,313	75,007
Syria	Pound	.456313	403	14,100		834	4,106	4,940
Thailand	Baht	.08	3,239	113,363	[10]	[10]	[10]	[10]
Turkey	Lira	.357143	4,099	143,468	2,288		[7] 11,500	13,788
Union of South Africa	Pound	2.7954	4,881	170,843	598	1,343	30,749	32,690
United Kingdom	do	2.8059	[19]	[19]	[10]	6,043	235,264	241,307
Uruguay	Peso	.65833	5,902	206,567		5,467	6,383	11,850

Venezuela	Bolivar	.298507	[20] 10,660	[20] 373,084		8,798	34,407	43,205
Bank for International Settlements			5,595	195,825				
International Monetary Fund			45,327	1,586,452				
Total reported above			954,143	33,395,035	2,256,165	403,794	2,153,212	4,813,493
Other [21]			82,143	2,874,965				
World total (excluding U. S. S. R.) [22]			1,036,286	36,270,000	([10])	([10])	([10])	([10])

[1] *Gold*, reported in troy ounces, grams, or kilograms, is valued in United States dollars (symbol $) on the basis of the legal gold content of the United States dollar, which is 15 5/21 grains of gold 9/10 fine. The equivalent value of a fine troy ounce of gold is $35; a gram fine, $1.125275986; and a kilogram fine, $1,125.275986. *Silver bullion*, reported in troy ounces, grams, or kilograms, is valued (except for the United States) at the New York commercial price in December 1952, which was 83¼ cents per ounce 999/1000 fine. The equivalent price of a fine troy ounce of silver is $0.83½; a gram fine, $0.02679228533; and a kilogram fine, $26.79228533. *Silver coins*, reported at face or nominal value in foreign currencies are converted to United States dollars at the exchange rates shown. Silver monetary bullion of the United States, totaling 1,713,577,550 fine ounces on December 31, 1952, includes 1,631,736,375 ounces at monetary value of $1.2929+ per fine ounce, 81,697,548 ounces at cost value, and 143,627 ounces at recoinage value.

[2] Foreign exchange rates shown are averages of noon buying rates in New York for cable transfers in December 1952, for currencies certified to the Secretary of the Treasury by the Federal Reserve Bank of New York. (Belgium, Brazil, Canada (free), Denmark, Finland, France (free), India, Ireland, Malaya, Netherlands, New Zealand, Norway, Philippines, Portugal, Sweden, Switzerland, Union of South Africa, United Kingdom, and Uruguay.) Other rates are either par values established under the Articles of Agreement of the International Monetary Fund or domestic rates for United States dollars in the countries concerned.

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

[4] British silver coins.

[5] Represents coins in commercial banks only. Amount in circulation not available.

[6] Includes only holdings of Foreign Exchange Control Board.

[7] Approximate.

[8] National and United States coins which also circulate.

[9] Includes only holdings of the central bank.

[10] Data not available.

[11] March 20, 1952.

[12] Included in total.

[13] Less than 500 ounces or dollars.

[14] United States coins chief circulating medium.

[15] Silver coins demonetized from December 31, 1952.

[16] Includes holdings of the central bank and commercial banks.

[17] Includes bullion and also Saudi Arabian gold sovereigns held by banks on Government account.

[18] Southern Rhodesian coins circulate in Southern Rhodesia, Northern Rhodesia, and Nyasaland. Does not include British coins which also circulate in Northern Rhodesia and Nyasaland.

[19] Included in "Other."

[20] Central bank holdings only. In addition, commercial bank gold holdings amount to approximately $13 million.

[21] Represents difference between estimated world total and total reported in table above (gold).

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

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World production of gold in 1952, by countries [1]

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

Country [1]	Fine ounces
North America:	
United States (including Alaska)[2]	1,927,000
Canada	4,419,570
Central America and West Indies:	
Costa Rica [3]	----------
Cuba	[3] 881
Dominican Republic [3]	332
Guatemala [3]	4
Honduras	31,967
Nicaragua (exports)	254,675
Panama	----------
Salvador (exports)	27,682
Mexico	459,370
Total	7,121,500
South America:	
Argentina (estimate)	8,000
Bolivia	[4] 9,034
Brazil (estimate)	180,000
British Guiana	[5] 21,000
Chile	176,025
Colombia	422,240
Ecuador	24,267
French Guiana	8,231
Peru	134,865
Surinam	6,134
Venezuela	4,797
Total	995,000
Europe:	
Finland	20,100
France	45,011
Germany, West	2,025
Italy	14,854
Portugal	19,000
Rumania	(6)
Spain	8,944
Sweden	(6)
U. S. S. R. (estimate)[7]	9,500,000
Yugoslavia	36,266
Total (estimate)	9,800,000
Asia:	
Burma	(6)
China	[5] 100,000
India	243,629
Indonesia (estimate)	(6)
Japan	201,392
Korea:	
Korea, Republic of	15,657
North Korea (estimate)	(6)

Country [1]	Fine ounces
Asia—Continued	
Malaya	19,806
Philippines	469,408
Sarawak	843
Saudi Arabia	69,394
Taiwan (Formosa)	33,178
U. S. S. R.	(7)
Total (estimate)	1,420,000
Africa:	
Angola	40
Bechuanaland	1,245
Belgian Congo [8]	368,769
Egypt	17,059
Eritrea	(6)
Ethiopia	27,291
French Cameroon	2,604
French Equatorial Africa	51,655
French Morocco	4,051
French West Africa [9]	1,500
Gold Coast	715,036
Kenya	10,210
Liberia	[4] [10] 949
Madagascar	1,768
Mozambique	831
Nigeria	[5] 1,350
Northern Rhodesia	20
Sierra Leone	[5] 2,700
Southern Rhodesia	496,731
South-West Africa	(6)
Sudan	1,545
Swaziland	1
Tanganyika (exports)	64,693
Uganda (exports)	181
Union of South Africa	11,818,681
Total	13,590,000
Oceania:	
Australia:	
Commonwealth	980,435
New Guinea	122,431
Papua	149
Fiji	[5] 95,000
New Zealand	59,373
Total	1,257,000
World total (estimate)	34,200,000

[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). Data not available for Austria, Bulgaria, Czechoslovakia, Hungary, and Thailand; estimate included in the total. In addition, production in Cyprus and Indonesia was negligible.

[2] Refinery production.

[3] Imports into United States.

[4] Exports.

[5] Estimate.

[6] Data not available; estimate included in total.

[7] Output from U. S. S. R. in Asia included with U. S. S. R. in Europe.

[8] Includes Ruanda-Urundi.

[9] Estimate based on reported production.

[10] Year ended Sept. 30, 1952.

World production of silver in 1952, by countries [1]

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

Country	Fine ounces	Country	Fine ounces
North America:		Asia:	
United States (refinery production)	39,840,300	Burma	242,307
Canada	24,375,853	China	[4] 400,000
Central America and West Indies:		India	[3]
Costa Rica [2]		Japan	5,288,707
Cuba	[2] 163,211	Korea, Republic of	6,130
Guatemala	371,679	Philippines	693,751
Honduras	3,703,912	Saudi Arabia	111,945
Nicaragua [2]	137,309	Taiwan (Formosa)	[3]
Panama		Total (estimate)	6,800,000
Salvador	368,448		
Mexico	50,353,560	Africa:	
Total	119,314,000	Algeria	[3]
		Bechuanaland	281
South America:		Belgian Congo	4,727,252
Argentina	962,948	French Morocco	[3]
Bolivia (exports)	7,065,608	Gold Coast (exports)	44,116
Brazil	17,301	Kenya	17,315
Chile	1,246,356	Mozambique	[3]
Colombia	123,175	Nigeria	270
Ecuador	82,297	Northern Rhodesia [5]	312,940
Peru	19,179,525	Southern Rhodesia	81,356
Total	28,677,000	South-West Africa	1,064,335
		Swaziland	
Europe:		Tanganyika (exports)	35,900
Austria	3,858	Tunisia	[4] 62,000
Czechoslovakia	[3]	Uganda (exports)	[3]
Finland	150,083	Union of South Africa	1,176,433
France	353,650	Total	9,032,000
Germany, West	1,877,700		
Greece	72,403	Oceania:	
Italy	1,055,927	Australia:	
Norway	176,186	Commonwealth	11,256,742
Portugal	67,697	New Guinea	[3]
Spain	553,128	Fiji	[3]
Sweden	[3]	New Zealand	[3]
U. S. S. R	24,000,000	Total	11,362,000
United Kingdom	[3]		
Yugoslavia	2,577,043	World total (estimate) [1]	210,200,000
Total (estimate)	35,000,000		

[1] Silver is also produced in Bulgaria, Cyprus, Hong Kong, Hungary, Federation of Malaya, Indonesia, North Korea, Poland, Rumania, Sarawak, Sierra Leone, and Turkey; production data are not available, but estimates are included in total.
[2] Imports into the United States. Scrap is included in this figure in many instances.
[3] Data not available; estimate included in total.
[4] Estimate.
[5] Recovered from an accumulation of refinery slimes.

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	$7,400,615,000	6,667,600,700	$8,872,618,500
1886–1941	1,058,003,400	25,938,995,800	10,848,362,400	6,673,957,000
1942	36,200,000	1,267,000,000	250,000,000	96,612,500
1943	28,800,000	1,008,000,000	217,100,000	97,829,600
1944	26,200,000	917,000,000	184,600,000	83,184,500
1945	26,100,000	913,500,000	162,000,000	84,123,400
1946	27,600,000	966,000,000	135,000,000	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	176,200,000	126,740,700
1950	32,700,000	1,144,500,000	199,100,000	147,670,500
1951	33,500,000	1,172,500,000	197,500,000	176,501,800
1952	34,200,000	1,197,000,000	210,200,000	178,546,000
Total	1,751,208,100	45,071,610,800	19,590,263,100	16,896,487,900

[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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