APPENDIX I

Historical Appendix: Index of Historical Statistics Series and Statistical Abstract Tables in Which Those Series Appear

[Comprises statistical time series (identified by number) shown in the historical supplement entitled *Historical Statistics of the United States, 1789–1945*. Historical series are listed only: (1) [illegible] able for a year or years later than 1945; (2) where data are included in a tab[illegible] complete listing of series for which data are available for the years 1946 to 1951, [illegible] 1951, and 1952 editions of the *Statistical Abstract*]

Historical Statistics series	1953 Abstract table number	Historical Statistics series	1953 Abstract table number	Historical Statistics series	1953 Abstract table number	Historical Statistics series	1953 Abstract table number
A 101–107	305	C 37	41	E 244–255	489	G 131–143	856
A 110–116	305	C 39	69	E 258	488	G 144–158	860
A 117–133	307	C 40–41	77	E 261–266	488	G 162	588
A 134–144	308	C 42	69	F 4–7	191	G 165	588
B 1–3	3	C 45–51	67	F 8	200	G 170	588
B 6–9	3	C 52	68	F 9	192	G 171–190	590
B 13	3	C 56–61	73	F 11–16	192	G 194–199	597
B 14–15	20	C 65–76	68	F 26	710	G 200–224	590
B 16–17	19	C 77–78	54	F 28–41	710	G 225–233	594
B 18	15	C 79–84	95	F 52	697	H 1–23	901
B 19–20	28	C 92–107	84	F 56	692	H 25–26	901
B 21	15	C 122–127	97	F 69–73	813	H 51–57	906
B 23	15	C 128–155	96	F 74–83	817	H 64–65	912
B 25	1	D 11–19	206	F 84–87	816	H 73	912
B 26–30	2	D 20	208	F 88–91	817	H 89	916
B 40–47	24	D 23	208	F 94–108	817	H 90	10
B 48	10	D 26–31	206	F 123–131	831	H 91–97	916
B 54	10	D 32–35	205	F 132–134	828	H 99–105	916
B 60	10	D 37–40	205	F 137–142	834	H 106	21
B 66	10	D 42–45	205	F 145–150	821	H 107–112	916
B 72–94	21	D 117–119	231	F 151–154	822	H 114	481
B 96–109	21	D 145–147	233	F 155–159	839	H 120–126	487
B 145	17	D 176	214	F 160	838	H 128–132	481
B 146	16	D 214–217	229	F 166	836	H 133–135	484
B 149–163	16, 17	D 218–223	239	F 173	836	J 1	938
B 167	21	D 224–229	240	F 175	836	J 4–5	938
B 170	19	D 230–238	241	F 178	836	J 7	933
B 171	47	E 1–16	709	F 180–181	836	J 10	933
B 173	50	E 19	711	F 186	836	J 30–48	933
B 174	47	E 20–24	717	F 189–190	836	J 165–169	983
B 183	38	E 31	711	F 193	840	J 170	985
B 185	38	E 32–35	718	F 195	840	J 171	955
B 187	38	E 37	716	F 199	844	J 172	957
B 189–192	38	E 43–47	716	F 201–207	842	J 174	957
B 193–194	27	E 49–52	716	F 209	842	J 175	763
B 195	33	E 54–59	716	G 6–8	851	J 176	806
B 237	24	E 61–64	214	G 13–24	857	J 179–180	969
B 238–239	26	E 72–75	745	G 27–42	857	K 28–30	628
B 244–247	32	E 76–87	729	G 43–56	863	K 31–33	620
B 250	32	E 88–93	726	G 57–58	868	K 34–39	623
B 251–253	24	E 98–102	726	G 59–61	865	K 40	632
B 258	23	E 104	726	G 62–64	866	K 41–47	623
B 265–267	24	E 105–110	733	G 65–66	876	K 48–49	638
B 272	23	E 117–134	790	G 67–68	874	K 50	623
B 279–282	30	E 136–151	792	G 69–70	877	K 51	637
B 285–286	30	E 152–158	795	G 71–72	878	K 52	643
B 290	30	E 160–162	795	G 73–74	849	K 54–59	647
B 293	30	E 164–170	795	G 75–76	879	K 60–62	620
B 297–300	30	E 171–180	801	G 77–80	849	K 63–65	630
B 304–307	105	E 181–183	755	G 81–82	880	K 66–67	623
B 310–312	105	E 186–188	755	G 83–86	881	K 68–70	631
B 314–326	105	E 190–195	757	G 87–92	849	K 71–72	623
B 328	105	E 196–198	755	G 93–95	882	K 75–76	621
B 331	107	E 200–202	755	G 104–105	849	K 77	633
B 333–335	107	E 204–206	755	G 106–107	884	K 78	623
B 337–339	114	E 208–211	755	G 108–109	886	K 79	632
B 340–341	115	E 213	755	G 110–111	849	K 80–83	623
B 350–352	102	E 215	755	G 112–113	891	K 84–93	643
C 1	7	E 217–219	755	G 114	894	K 94–98	683
C 6–9	66	E 222	755	G 116–117	896	K 100–102	684
C 24	54	E 225–230	755	G 118–121	889	K 105	685
C 25–26	56	E 232–240	775	G 125–126	899	K 107	685
C 28–35	60	E 242	775	G 127–128	898	K 113–116	688

HISTORICAL APPENDIX: INDEX OF HISTORICAL STATISTICS SERIES AND STATISTICAL ABSTRACT TABLES IN WHICH THOSE SERIES APPEAR—Continued

Historical Statistics series	1953 Abstract table number	Historical Statistics series	1953 Abstract table number	Historical Statistics series	1953 Abstract table number	Historical Statistics series	1953 Abstract table number
K 119-123	689	M 42-55	1057	N 183-184	452	P 144	380
K 124-126	685	M 56-67	1066	N 185-187	500	P 146-147	380
K 132	664	M 68-70	1077	N 197-200	505	P 152-153	386
K 134-139	664	M 75-86	1079	N 204-205	505	P 155-157	386
K 141-144	664	M 87-102	1072	N 212-214	503	P 160	386
K 146-151	681	N 43-48	453	N 221-227	514	P 162	386
K 152-157	682	N 60-67	465	N 228-232	508	P 164	386
K 170-171	678	N 68-69	457	P 29	352	P 165-167	581
K 178-180	608	N 73-75	457	P 30	354	P 171-174	580
K 181	606	N 76-79	448	P 31	352	P 176-179	556
K 184-188	608	N 87	449	P 32-37	364	P 180	557
K 189-191b	612	N 109-113	469	P 40-49	363	P 181	556
K 193-204	609	N 114-116	459	P 50-56	362	P 185-187	556
K 205-219	613	N 118-119	459	P 59	353	P 189A	419
K 221-224	613	N 120-122	460	P 62	407	P 188B-201B	433
K 225-232	615	N 131-134	463	P 63	405	P 189C	419
K 233-235	616	N 135	473	P 65-68	407	P 202B-208B	433
K 246-251	659	N 140-141	473	P 89-93	366	P 224B-234B	433
K 253-256	659	N 146	473	P 96	366	P 224C	433
K 257	657	N 148-151	446	P 98	366	P 227C	433
K 259-260	657	N 153-156	447	P 99-103	367	P 230C	433
K 264	657	N 158-160	447	P 109	374	P 232C	433
K 265	659	N 162	447	P 110-115	375	P 224D	433
L 41-47	339	N 164-165	447	P 117-121	375	P 227D	433
M 1-10	1043	N 166	450	P 125	375	P 232D	433
M 13	1043	N 168-171	450	P 127-129	375	P 235-239	433
M 15-18	1042	N 172-178	445	P 132-136	393	P 242-245	433
M 24-27	1042	N 179	451	P 137-138	395	P 246	419
M 33-41	1042	N 181-182	451	P 139-143	393	P 247-249	433

APPENDIX II

Weights, measures, and foreign exchange

UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch=2.540 centimeters.
1 foot=0.3048 meter.
1 yard=0.9144 meter.
1 mile=1.609 kilometers.
1 square yard=0.8361 square meter.
1 acre=0.4047 hectare.
1 square mile=2.590 square kilometers.
1 cubic inch=16.39 cubic centimeters.
1 cubic foot=0.02832 cubic meter.
1 cubic yard=0.7646 cubic meter.
1 liquid quart=0.9463 liter.
1 gallon=231 cubic inches=3.785 liters.
1 bushel (measured)=2,150.4 cubic inches=35.24 liters.
1 avoirdupois ounce=28.35 grams.
1 troy ounce=31.10 grams.
1 pound=0.4536 kilogram.
1 long ton=2,240 pounds=1.0160 metric tons of 1,000 kilograms.
1 short ton=2,000 pounds=0.9072 metric ton.

UNITED STATES GALLON AND BUSHEL WITH BRITISH EQUIVALENTS

1 United States gallon=231 cubic inches=0.8331 imperial gallon.

1 United States bushel=2,150.4 cubic inches=0.9694 imperial bushel.

OFFICIAL WEIGHTS OF THE BARREL OF NONLIQUID PRODUCTS

	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net) [1]	196	88.90
Rosin, tar, and pitch (gross)	500	226.80
Fish, pickled (net)	200	90.72
Lime (net)	200	90.72
Cement (4 bags counted as 1 barrel) (net) [1]	376	170.55

[1] Except as noted in the tables.

OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

	Pounds	Kilograms
Wheat, beans, peas, potatoes (Irish or white)	60	27.22
Rye, corn (maize), linseed (flaxseed), maslin (mixed grain)	56	25.40
Barley, buckwheat	48	21.77
Onions	57	25.86
Rough rice	45	20.41
Malt	34	15.42
Oats	32	14.51
Peanuts, green, in shell	22	9.98
Castor beans	50	22.68

APPROXIMATE WEIGHT OF PETROLEUM AND PRODUCTS

In the United States petroleum and its products are measured by bulk, not weight. Whether handled in containers or without them the quantities are customarily reduced to the equivalent of barrels of 42 United States gallons (barrel thus equals 158.984 liters). In many foreign countries these commodities are measured by weight. The specific gravity of the different grades of crude petroleum and of the finished products varies materially. On the basis of approximate averages the Department of Commerce in converting foreign weight statistics to gallons or barrels of 42 gallons uses the factors shown in the following table:

	WEIGHT OF UNITED STATES GALLON		WEIGHT OF BARREL OF 42 GALLONS	
	Pounds	Kilograms	Pounds	Kilograms
Crude petroleum	7.3	3.311	306.6	139.07
Lubricating oils	7.0	3.175	294.0	133.36
Illuminating oils (kerosene)	6.6	2.994	277.2	125.74
Gasoline and related products (motor spirit, benzine, etc.)	6.1	2.767	256.2	116.21
Fuel and gas oils	7.7	3.493	323.4	146.69

FOREIGN EXCHANGE RATES

Averages of certified noon buying rates in New York for cable transfers. In cents per unit of foreign currency]

COUNTRY	MONETARY UNIT	1941	1946	1947	1948	1949	1950	1951	1952
Argentina:									
Basic	Peso	29.773	29.773	29.773	[1] 29.744	[1] 29.774	26.571	20.000	20.000
Preferential	do						[1] 13.333	13.333	13.333
Free	do						[1] 8.2888	7.067	7.163
Australia:									
Official	Pound	322.80	321.34	321.00	321.22	293.80	223.15	223.07	222.63
Free	do	321.27							
Belgium	Franc		2.2829	2.2817	2.2816	2.2009	1.9908	1.9859	1.9878
Foreign "Bank Notes" account.	do					[1] 2.1407	[1] 1.9722	[1] 1.9622	
Brazil:									
Official	Cruzeiro [2]	6.0575	[1] 6.0602	5.4403	5.4406	5.4406	5.4406	5.4406	5.4406
Free	do	5.0705							
British Malaya [3]	Dollar					[1] 42.973	32.788	32.849	32.602
Canada:									
Official	do	90.909	95.198	100.00	100.00	97.491	[1] 90.909		
Free	do	87.345	93.288	91.999	91.691	92.881	91.474	94.939	102.149
Ceylon	Rupee					[1] 27.839	20.850	20.849	20.903
Chile:									
Official	Peso	[1] 5.1664							
Export	do	[1] 4.0000							
China	Yuan Shanghai	[1] 5.3133							
Colombia	Peso	57.004	57.020	57.001	[1] 57.006				
Czechoslovakia	Koruna		[1] 2.0060	2.0060	2.0060	2.0060	2.0060	[1] 2.0060	
Denmark	Krone		[1] 20.876	20.864	20.857	19.117	14.494	14.491	[4] 14.492
Finland	Markka	[1] 2.0101						[1] .4354	.4354
France (Metropolitan):									
Official	Franc		.8409	.8407	[1] .4929	[1] .4671			
Free	do				[1] .3240	.3017	.2858	.2856	.2856
Germany	D. Mark	[1] 39.970					[1] 23.838	23.838	[5] 23.838
Hong Kong	Dollar	[1] 24.592							
India [6]	Rupee	30.137	30.155	30.164	30.169	27.706	20.870	20.869	20.922
Ireland	Pound							[1] 280.38	279.68
Italy	Lira	[1] 5.0703	[1] .4434						
Mexico	Peso	20.538	20.581	20.577	[1] 18.860	12.620	11.570	11.564	11.588
Netherlands	Guilder		37.813	37.760	37.668	34.528	26.252	26.264	26.315
New Zealand	Pound	322.54	322.63	322.29	350.48	365.07	277.28	277.19	276.49
Norway	Krone		[1] 20.176	20.160	20.150	18.481	14.015	14.015	14.015
Philippine Republic	Peso					[1] 49.723	49.621	49.639	49.675
Portugal	Escudo	[1] 4.0023	[1] 4.0501	4.0273	4.0183	3.8800	3.4704	3.4739	3.4853
South Africa	Pound	398.00	400.50	400.74	400.75	366.62	278.38	278.33	278.20
Spain	Peseta	[1] 9.1300	[1] 9.1324	9.1324	[1] 9.1324				
Sweden	Krona	[1] 23.829	[1] 25.869	27.824	27.824	25.480	19.332	19.327	19.326
Switzerland	Franc	[1] 23.210	[1] 23.363	23.363	23.363	23.314	23.136	23.060	23.148
United Kingdom:									
Official	Pound	403.50	403.28	402.86	403.13	368.72	280.07	279.96	279.26
Free	do	403.18							
Uruguay [7]	Peso	65.830	65.830	65.830	[1] 65.830	[1] 65.830	65.833	65.833	65.833
	do	43.380	56.280	56.239	[1] 56.182	[1] 56.180	56.180	56.180	56.180
	do					[1] 42.553	42.553	42.553	42.553

[1] Average of daily rates for part of year during which quotations were certified (see previous *Abstracts* for exact periods).
[2] Prior to Nov. 1, 1942, official designation for Brazilian cruzeiro was milreis.
[3] As of Aug. 27, 1951, quotations on Straits Settlements dollar discontinued and quotations on Malayan dollar substituted. The two rates had been identical for a considerable period.
[4] Based on quotations through Aug. 14, 1952.
[5] Based on quotations through May 8, 1952.
[6] Excludes Pakistan, beginning April 1948.
[7] Beginning October 1948, application depends upon type of merchandise.

Source: Board of Governors of the Federal Reserve System; annual and monthly figures published in *Federal Reserve Bulletin*.