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Appendix E: Income, Employment, and Delinquency Rates by Region, 1948-65

Personal income data are from Department of Commerce, *Survey of Current Business*, April 1966, p. 10. Nonagricultural employment data are from Bureau of Labor Statistics, *Employment and Earnings Statistics for States and Areas*, Bulletin 1307-2, p. xx, and Bulletin 1307-3, p. xxii; *Employment and Earnings and Monthly Report on the Labor Force*, August 1966, p. 31. Delinquency rates are from American Bankers Association, *Delinquency Survey*. The number of loans delinquent thirty days and over is taken as a percentage of the number of accounts outstanding.

See Table B-1 for the list of states included in each region. The regions correspond to those used in the ABA delinquency reports. Beginning in 1955, the ABA reports classify Iowa, Missouri, Kansas, and Nebraska in a separate West Central region; for comparability with earlier data we include them in the West North Central region. We classify Michigan and Wisconsin in the East North Central region, although in the ABA reports the northern parts of these states are West North Central.

The national totals for employment differ slightly from the sums of the regional data. Alaska and Hawaii are included beginning in 1960; for computation of percentage change, 1959-60, the 1960 totals, excluding Alaska and Hawaii, are \$396,605,000 for personal income and 53,958,000 for employment. The national average delinquency rates are unweighted averages for nine regions, 1948-54, and for ten regions, 1955-64 (West North Central is divided into two sections); these series end in 1964 because the ABA discontinued publication of regional data.

TABLE E-1
 Personal Income, by Nine Regions, 1948-65

Year or Period	Pacific		Mountain	West		East		East		South Atlantic	Middle Atlantic	New England	U. S. Total
	Pacific	Pacific		North Central	South Central	North Central	South Central						
1948	23,736	6,180	19,674	15,836	10,096	47,809	22,910	48,800	13,833	208,876			
1949	23,947	6,218	17,999	16,655	9,607	46,017	22,990	48,702	13,657	205,793			
1950	26,507	6,903	20,162	17,663	10,572	50,857	25,666	52,932	14,950	226,214			
1951	30,253	7,983	21,943	19,886	11,951	57,563	29,212	57,877	16,565	253,232			
1952	33,235	8,567	23,048	21,423	12,671	61,029	31,398	60,909	17,490	269,769			
1953	35,331	8,758	23,463	22,134	13,279	66,325	32,777	64,860	18,528	285,456			
1954	36,127	8,827	24,258	22,424	13,049	15,565	32,886	65,716	18,752	287,607			
1955	39,417	9,603	24,784	23,990	14,167	70,796	35,709	69,783	20,057	308,266			
1956	42,745	10,476	26,095	25,684	14,983	75,651	38,871	74,592	21,384	330,479			
1957	45,437	11,352	27,874	27,442	15,652	78,642	40,821	78,750	22,487	348,460			
1958	47,742	12,101	29,556	28,460	16,290	78,412	42,672	80,170	23,068	358,474			
1959	52,059	12,946	30,259	29,931	17,360	83,469	45,714	84,819	24,406	380,964			
1960	54,389	13,647	31,892	30,791	17,859	86,554	47,832	88,115	25,525	398,726			
1961	57,659	14,435	32,941	32,419	18,867	88,077	50,332	90,889	26,565	414,411			
1962	62,055	15,558	35,014	34,049	19,954	93,091	54,085	95,909	28,136	440,190			
1963	66,024	16,059	36,391	35,935	21,335	97,635	57,577	99,562	29,347	462,335			
1964	70,577	16,797	37,786	38,375	22,644	104,255	62,560	105,650	31,119	492,466			
1965	74,796	17,815	41,077	41,078	24,407	113,075	67,616	111,996	33,159	529,890			

(continued)

TABLE E-1 (concluded)

Year or Period	West		South		East		Middle		New		U.S.	
	North Central	Mountain	North Central	Central	North Central	Central	Atlantic	Atlantic	England	England	Total	Total
1948-49	+ 0.9	+ 0.6	- 8.5	+ 5.2	- 4.8	- 3.7	+ 0.3	-0.2	- 1.3	- 1.3	- 1.5	- 1.5
1949-50	+10.7	+11.0	+12.0	+ 6.1	+10.0	+10.5	+11.6	+8.7	+ 9.5	+ 9.5	+ 9.9	+ 9.9
1950-51	+14.1	+15.6	+ 8.8	+12.6	+13.0	+13.2	+13.8	+9.3	+10.8	+10.8	+11.9	+11.9
1951-52	+ 9.9	+ 7.3	+ 5.0	+ 7.7	+ 6.0	+ 6.0	+ 7.5	+5.2	+ 5.6	+ 5.6	+ 6.5	+ 6.5
1952-53	+ 6.3	+ 2.2	+ 1.8	+ 3.3	+ 4.8	+ 8.7	+ 4.4	+6.5	+ 5.9	+ 5.9	+ 5.8	+ 5.8
1953-54	+ 2.3	+ 0.8	+ 3.4	+ 1.3	- 1.7	- 1.1	+ 0.3	+1.3	+ 1.2	+ 1.2	+ 0.8	+ 0.8
1954-55	+ 9.1	+ 8.8	+ 2.2	+ 7.0	+ 8.6	+ 8.0	+ 8.6	+6.2	+ 7.0	+ 7.0	+ 7.2	+ 7.2
1955-56	+ 8.4	+ 9.1	+ 5.3	+ 7.1	+ 5.8	+ 6.9	+ 8.9	+6.9	+ 6.6	+ 6.6	+ 7.2	+ 7.2
1956-57	+ 6.3	+ 8.4	+ 6.8	+ 6.8	+ 4.5	+ 4.0	+ 5.0	+5.6	+ 5.2	+ 5.2	+ 5.4	+ 5.4
1957-58	+ 5.1	+ 6.6	+ 6.0	+ 3.7	+ 4.1	- 0.3	+ 4.5	+1.8	+ 2.6	+ 2.6	+ 2.9	+ 2.9
1958-59	+ 9.0	+ 7.0	+ 2.4	+ 5.2	+ 6.6	+ 6.4	+ 7.1	+5.8	+ 5.8	+ 5.8	+ 6.3	+ 6.3
1959-60	+ 4.5	+ 5.4	+ 5.4	+ 2.9	+ 2.9	+ 3.7	+ 4.6	+3.9	+ 4.6	+ 4.6	+ 4.1	+ 4.1
1960-61	+ 6.0	+ 5.8	+ 3.3	+ 5.3	+ 5.6	+ 1.8	+ 5.2	+3.1	+ 4.1	+ 4.1	+ 3.9	+ 3.9
1961-62	+ 7.6	+ 7.8	+ 6.3	+ 5.0	+ 5.8	+ 5.7	+ 7.5	+5.5	+ 5.9	+ 5.9	+ 6.2	+ 6.2
1962-63	+ 6.4	+ 3.2	+ 3.9	+ 5.5	+ 6.9	+ 4.9	+ 6.5	+3.8	+ 4.3	+ 4.3	+ 5.0	+ 5.0
1963-64	+ 6.9	+ 4.6	+ 3.8	+ 6.8	+ 6.1	+ 6.8	+ 8.7	+6.1	+ 6.0	+ 6.0	+ 6.5	+ 6.5
1964-65	+ 6.0	+ 6.1	+ 8.7	+ 7.0	+ 7.8	+ 8.5	+ 8.1	+6.0	+ 6.6	+ 6.6	+ 7.2	+ 7.2

Percentage Change In Personal Income

TABLE E-2
Nonagricultural Employment by Nine Regions 1948-65

Year or Period	<i>Nonagricultural Employment (thousands of persons)</i>									U.S. Total
	Pacific	Mountain	West North Central	West South Central	East North Central	East South Central	South Atlantic	Middle Atlantic	New England	
1948	4,334	1,168	3,525	3,224	2,242	10,327	5,420	10,979	3,373	44,891
1949	4,230	1,169	3,493	3,218	2,160	9,936	5,325	10,623	3,234	43,778
1950	4,384	1,223	3,608	3,333	2,247	10,368	5,564	10,876	3,345	45,222
1951	4,773	1,316	3,798	3,596	2,401	10,940	5,964	11,361	3,506	47,849
1952	5,018	1,376	3,879	3,736	2,467	11,071	6,153	11,450	3,514	48,825
1953	5,170	1,403	3,946	3,791	2,521	11,569	6,233	11,696	3,586	50,232
1954	5,140	1,386	3,880	3,751	2,458	11,055	6,122	11,342	3,492	49,022
1955	5,411	1,453	3,943	3,889	2,545	11,503	6,392	11,530	3,549	50,675
1956	5,715	1,539	4,032	4,064	2,635	11,750	6,690	11,852	3,647	52,408
1957	5,896	1,597	4,058	4,155	2,665	11,724	6,828	11,991	3,648	52,894
1958	5,852	1,622	4,012	4,125	2,634	11,071	6,784	11,600	3,534	51,368
1959	6,182	1,701	4,134	4,235	2,716	11,473	7,052	11,778	3,651	53,085
1960	6,321	1,770	4,194	4,270	2,760	11,643	7,213	11,917	3,707	54,203
1961	6,433	1,817	4,187	4,287	2,765	11,367	7,274	11,832	3,727	53,989
1962	6,729	1,877	4,272	4,418	2,861	11,662	7,550	12,056	3,799	55,515
1963	6,947	1,921	4,342	4,544	2,962	11,887	7,818	12,105	3,817	56,602
1964	7,162	1,956	4,446	4,710	3,071	12,244	8,121	12,324	3,872	58,156
1965	7,428	2,001	4,597	4,916	3,231	12,833	8,518	12,680	4,010	60,444

(continued)

TABLE E-2 (concluded)

Year or Period	West		East		East		West		East		Middle		U. S.	
	North Central	Mountain	North Central	South Central	North Central	South Central	North Central	South Central	North Central	South Central	Atlantic	Atlantic	New England	Total
1948-49	-0.9	0.1	-0.2	-3.7	-3.8	-1.8	-3.2	-4.1	-2.5					
1949-50	3.3	4.6	3.6	4.0	4.3	4.5	2.4	3.4	3.3					
1950-51	5.3	7.6	7.9	6.9	5.5	7.2	4.5	4.8	5.8					
1951-52	2.1	4.6	3.9	2.7	1.2	3.2	0.8	0.2	2.0					
1952-53	1.7	2.0	1.5	2.2	4.5	1.3	2.1	2.0	2.9					
1953-54	-1.7	-1.2	-1.1	-2.5	-4.4	-1.8	-3.0	-2.6	-2.4					
1954-55	1.6	4.8	3.7	3.5	4.1	4.4	1.7	1.6	3.4					
1955-56	2.3	5.9	4.5	3.5	2.1	4.7	2.8	2.8	3.4					
1956-57	0.6	3.8	2.2	1.1	-0.2	2.1	1.2	0.0	0.9					
1957-58	-1.1	1.6	-0.7	-1.2	-5.6	-0.6	-3.3	-3.1	-2.9					
1958-59	3.0	4.9	2.7	3.1	3.6	4.0	1.5	3.3	3.3					
1959-60	1.5	4.1	0.8	1.6	1.5	2.3	1.2	1.5	1.6					
1960-61	-0.2	2.7	0.4	0.2	-2.4	0.8	-0.7	0.5	-0.4					
1961-62	2.0	3.3	3.1	3.5	2.6	3.8	1.9	1.9	2.8					
1962-63	1.6	2.3	2.9	3.5	1.9	3.5	0.4	0.5	2.0					
1963-64	2.4	1.8	3.7	3.7	3.0	3.9	1.8	1.4	2.7					
1964-65	3.4	2.3	4.4	5.2	4.8	4.9	2.9	3.6	3.9					

Percentage Change In Nonagricultural Employment

Quality of Consumer Instalment Credit

TABLE E-3
Delinquency Rates on Automobile Loans Reported by Banks, Nine Regions, 1948-64

Annual Average or Period	<i>Delinquency Rate, Direct Loans (per cent)</i>									New England	U. S. Total
	Pacific	Mountain	West North Central	West South Central	East South Central	East North Central	South Atlantic	Middle Atlantic			
1948	1.362	2.130	1.791	1.263	1.459	1.112	1.529	2.066		2.070	1.642
1949	1.538	2.026	2.027	1.363	1.984	1.579	1.559	1.848		1.844	1.752
1950	1.337	1.673	1.393	.883	1.607	.999	1.311	1.758		1.835	1.422
1951	.820	1.191	1.491	.804	1.865	.891	1.095	1.588		1.359	1.234
1952	.715	.986	1.151	.870	.792	.826	.882	1.212		.939	.930
1953	.921	1.494	1.040	1.158	.706	.556	1.128	.973		.875	.983
1954	1.054	1.609	1.347	1.194	.636	.877	.845	.904		.949	1.046
1955	.678	1.168	1.121	.983	.520	.534	.602	.601		.838	.817
1956	.614	1.283	1.016	.746	.516	.575	.607	.430		.792	.760
1957	.671	1.509	.940	.704	.561	.424	.577	.399		.808	.753
1958	.693	1.634	1.120	.647	.625	.597	.667	.478		.833	.840
1959	.658	1.632	.952	.749	.555	.568	.640	.522		.596	.781
1960	1.052	1.762	1.112	.862	.756	.634	.841	.562		.729	.944
1961	1.225	1.793	1.223	1.019	.894	.781	1.001	.618		.748	1.054
1962	1.241	1.678	1.003	.777	.974	.667	.867	.543		.678	.946
1963	1.403	1.563	.870	.936	1.068	.644	.760	.569		.698	.937
1964	1.243	1.649	.933	.950	.979	.574	.806	.610		.776	.945

(continued)

TABLE E-3 (continued)

Annual Average or Period	Change In Delinquency Rate, Direct Loans (per cent)										U. S. Total
	Pacific	Mountain	West North Central	West South Central	East South Central	East North Central	South Atlantic	Middle Atlantic	New England		
1948-49	+ .176	-.104	+ .236	+ .100	+ .525	+ .467	+ .030	-.218	-.226	+ .110	
1949-50	-.201	-.353	-.634	-.480	-.377	-.580	-.248	-.090	-.009	-.330	
1950-51	-.517	-.482	+ .098	-.079	+ .258	-.108	-.216	-.170	-.476	-.188	
1951-52	-.105	-.205	-.340	+ .066	-1.073	-.065	-.213	-.376	-.420	-.304	
1952-53	+ .206	+ .508	-.111	+ .288	-.086	-.270	+ .246	-.239	-.064	+ .053	
1953-54	+ .133	+ .115	+ .307	+ .036	-.070	+ .321	-.283	-.069	+ .074	+ .063	
1954-55	-.376	-.441	-.226	-.211	-.116	-.343	-.243	-.303	-.111	-.229	
1955-56	-.064	+ .115	-.105	-.237	-.004	+ .041	+ .005	-.171	-.046	-.057	
1956-57	+ .057	+ .226	-.076	-.042	+ .045	-.151	-.030	-.031	+ .016	-.007	
1957-58	+ .022	+ .125	+ .180	-.057	+ .064	+ .173	+ .090	+ .079	+ .025	+ .087	
1958-59	-.035	-.002	-.168	+ .102	-.070	-.029	-.027	+ .044	-.237	-.059	
1959-60	+ .394	+ .130	+ .160	+ .113	+ .201	+ .066	+ .201	+ .040	+ .133	+ .163	
1960-61	+ .173	+ .031	+ .111	+ .157	+ .138	+ .147	+ .160	+ .056	+ .019	+ .110	
1961-62	+ .016	-.115	-.220	-.242	+ .080	-.114	-.134	-.075	-.070	-.108	
1962-63	+ .162	-.115	-.133	+ .159	+ .094	-.023	-.107	+ .026	+ .020	-.009	
1963-64	-.160	+ .086	+ .063	+ .014	-.089	-.070	+ .046	+ .041	+ .078	+ .008	

(continued)

Quality of Consumer Instalment Credit

TABLE E-3 (continued)

Annual Average or Period	Pacific		Mountain		West North Central		West South Central		East North Central		East South Central		South Atlantic		Middle Atlantic		New England		U. S. Total		
1948	2.522	2.652	1.577	2.122	.991	1.596	1.926	3.071	2.005	2.051											
1949	2.029	2.585	2.371	1.689	1.470	2.288	3.114	2.380	2.221	2.238											
1950	2.288	2.707	2.165	1.246	1.533	2.118	1.792	2.122	1.700	1.963											
1951	1.390	1.978	2.273	1.625	1.413	1.541	1.598	2.060	1.732	1.734											
1952	1.399	1.891	1.484	1.928	.903	1.251	1.121	1.746	1.527	1.472											
1953	1.560	2.041	2.156	2.199	1.097	1.282	1.091	1.481	1.907	1.646											
1954	1.783	1.984	2.069	1.637	1.645	1.322	1.186	1.793	1.989	1.712											
1955	1.287	1.724	1.652	.963	1.675	.766	.820	1.450	2.096	1.408											
1956	1.379	1.738	1.533	.988	1.734	.801	.653	1.283	1.926	1.357											
1957	1.421	1.925	1.424	.623	2.022	.813	.803	1.233	1.849	1.354											
1958	1.540	2.088	1.627	.703	2.188	.976	1.045	1.471	2.062	1.532											
1959	1.401	2.163	1.423	.704	1.343	.679	.903	1.337	1.741	1.314											
1960	1.699	2.552	1.628	.836	1.198	.914	.991	1.390	1.745	1.459											
1961	1.767	2.229	1.757	.879	1.195	1.052	.948	1.419	1.935	1.494											
1962	1.500	2.060	1.458	.650	1.332	.874	.802	1.417	1.729	1.331											
1963	1.708	2.168	1.296	.779	2.108	.936	.935	1.479	1.451	1.417											
1964	1.472	2.273	1.508	.916	2.210	1.219	.909	1.524	1.438	1.497											

(continued)

TABLE E-3 (concluded)

Annual Average or Period	<i>Change in Delinquency Rate, Indirect Loans (per cent)</i>										New England	U. S. Total
	Pacific	Mountain	West North Central	West South Central	East North Central	East South Central	South Atlantic	Middle Atlantic	Middle Atlantic	South Atlantic		
1948-49	-493	-067	+794	-433	+479	+692	+1,188	-691	+216	+187	+187	+187
1949-50	+259	+122	-206	-443	+063	-170	-1,322	-258	-521	-275	-275	-275
1950-51	-898	-729	+108	+379	-120	-577	-194	-062	+032	-229	-229	-229
1951-52	+009	-087	-789	+303	-510	-290	-477	-314	-205	-262	-262	-262
1952-53	+161	+150	+672	+271	+194	+031	-030	-265	+380	+174	+174	+174
1953-54	+223	-057	-087	-562	+548	+040	+095	+312	+082	+066	+066	+066
1954-55	-496	-260	-417	-674	+030	-556	-366	-343	+107	-304	-304	-304
1955-56	+092	+014	-119	+025	+059	+035	-167	-167	-170	-051	-051	-051
1956-57	+042	+187	-109	-365	+288	+012	+150	-050	-077	-003	-003	-003
1957-58	+119	+163	+203	+080	+166	+163	+242	+238	+213	+178	+178	+178
1958-59	-139	+075	-204	+001	-845	-297	-142	-134	-321	-218	-218	-218
1959-60	+298	+389	+205	+132	-145	+235	+088	+053	+004	+145	+145	+145
1960-61	+068	-323	+129	+043	-003	+138	-043	+029	+190	+035	+035	+035
1961-62	-267	-161	-299	-229	+137	-178	-146	-002	-206	-163	-163	-163
1962-63	+208	+100	-162	+129	+776	+062	+133	+062	-278	+086	+086	+086
1963-64	-236	+105	+212	+137	+082	+283	-026	+045	-013	+080	+080	+080