

Individual Factors and
Annual Averages
— *from* —
FARM COST ACCOUNTS
51 Farms -- 1951

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INDIVIDUAL FACTORS AND ANNUAL AVERAGES FOR FARM COST ACCOUNTS, 1951

For the Cost Account year 1951, there were 51 New York State farmers who kept detailed records on their businesses in cooperation with the Department of Agricultural Economics, Cornell University.

This is a report on these farm businesses and shows the results for individual enterprises. Each enterprise is tabulated separately and is arranged in relation to the enterprises on other farms according to size; for example, the farm with the largest number of cows is shown first on page 16, and the farm with the largest number of hens is first on page 18.

Enterprises with 15 or more farms have been divided into three approximately equal groups according to the size of the enterprises: large, medium-sized, and small. Averages for these groups, as well as averages for all farms, are shown below the figures for the individual farms.

The field work on these accounts was performed by Richard Haby and C. DelMar Kearl. The closing of the books and the preparation of this report on results of the operation of the farms was done by the Cost Account staff consisting of: Helen Smith, Marjorie Evans, Oneta Shiye, Edith Slights, Gloria Howell, and Bonnie Harris.

THE ECONOMIC SITUATION IN 1951*

The 1951 crop year turned out to be a good farming year. Farm prices, which had been declining since the peak 1948 year, turned upward during the latter part of 1950, and were high throughout 1951. Costs also increased, but the situation was generally favorable for farming.

Year	New York farm prices	Prices of articles farmers buy	Earnings of factory workers
1935-39	106	125	210
1948	278	259	485
1949	244	250	496
1950	231	255	513
1951			
Jan.	258	272	554
Feb.	265	276	555
Mar.	262	280	556
Apr.	259	283	553
May	258	283	553
June	260	282	556
July	255	282	557
Aug.	257	282	560
Sept.	258	282	563
Oct.	265	283	553
Nov.	277	284	569
Dec.	275	284	579
1952			
Jan.	282	287	577
Feb.	281	288	579
Mar.	277	288	583
Apr.	275	289	561

Farmers, however, were not in nearly so favorable a position as non-farm workers. Earnings of factory workers showed little tendency for a post-war decline, were high throughout the period and increased as farm prices during 1950 and 1951.

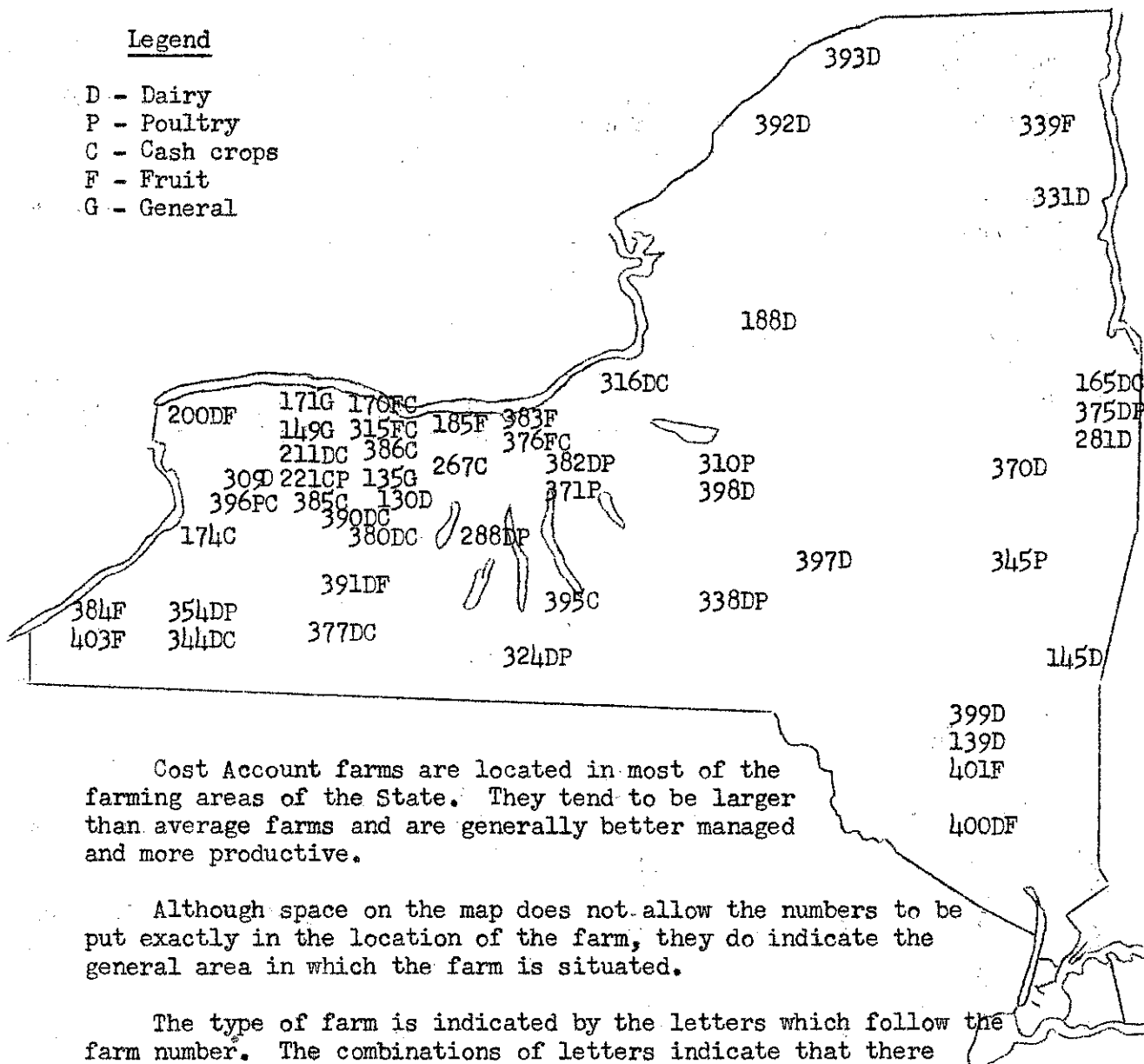
* The indexes for New York farm prices, prices of articles farmers buy and earnings of factory workers are on a pre-World War I base.

Source: Farm Economics, Number 181, August, 1951; and 185, May, 1952.

LOCATION OF FARMS

Legend

- D - Dairy
- P - Poultry
- C - Cash crops
- F - Fruit
- G - General



Cost Account farms are located in most of the farming areas of the State. They tend to be larger than average farms and are generally better managed and more productive.

Although space on the map does not allow the numbers to be put exactly in the location of the farm, they do indicate the general area in which the farm is situated.

The type of farm is indicated by the letters which follow the farm number. The combinations of letters indicate that there were two major types of enterprises on the farm. General type farms include those with a number of different types of enterprises, none of which are important enough to warrant classifying the farm by a type of enterprise.

YIELDS FOR CROPS AND LIVESTOCK

Better farming methods, more fertilizer, better feeding, new varieties, more intensive operation, and favorable weather have caused yields for crops and live-

Item	New York State*			Cost Accounts
	1936-40	1946-50	1951	1951
Hay	1.3	1.5	1.7	2.2
Corn silage	8.9	9.6	9.9	10
Corn grain	34	41	46	44
Wheat	24	27	25	31
Oats	30	36	48	55
Barley	25	30	34	43
Dry beans	14.0	18.8	19.6	17
C.F. peas	1345	2114	1880	2290
C.F. tomatoes	7.6	7.6	9.5	13.5
Potatoes	130	257	274	397
Cabbage	9.7	12.0	14.5	9.7
Cows	5628	6242	6820	10200
Hens	154	183	187	189

stock to be high in recent years. The Cost Account Farm yields for most crops were about the same as the average for New York State for 1951. Potato yields considerably exceeded the State average while cabbage yields were well below.

Milk production per cow on Cost Account Farms is considerably above the average for the State. Production rates for hens are slightly above the State Average.

*BAE Reports.

WEATHER CONDITIONS AT FIVE NEW YORK STATIONS, 1951*

Station	Length of growing season**	May 1-Sept. 30		Annual total	
		Tempera- ture	Precip- itation	Precip- itation	Departure from normal
	days	degrees	inches	inches	inches
Batavia	150	63.4	12.9	35.3	+ 3.8
Ithaca	139	63.4	16.3	35.4	+ 2.3
Canton	136	63.3	18.3	41.2	+ 6.0
Rifton	139	65.1	18.8	52.6	+ 7.2
Schenectady	190	65.3	21.4	47.2	+ 12.5
New York State		63.2	17.1	42.3	+ 3.0
Normal		64.0	18.3	39.3	

* Weather Bureau, U. S. Department of Commerce, Annual Summary, 1951.

**Number of days between first and last frost.

The total annual precipitation for New York State was 3.0 inches above normal for the State. Cool temperatures generally made it another good "eat" year. Although wet soil delayed the planting season, dry and favorable weather in May helped farmers to get their work caught up, and they were about on schedule in June. The summer rainfall was less than in recent years and affected crop yields adversely.

Summary, 1951
Crop Enterprises

Crop	Number of accounts	Average acres per enterprise	Average yield per acre	Returns per hour of labor	Hours of labor per acre	Profit on enter- prise	Profit per acre
<u>Vegetables</u>							
Potatoes	7	26.5	397 bu.	\$4.49	104	\$9,142	\$346
Cabbage	7	15.4	9.7 tons	2.52	104	2,197	143
Tomatoes, C.F.	12	20.5	13.5 tons	2.10	138	2,558	125
Peas, C.F.	7	18.8	2,290 lbs.	1.49	18	156	8
Beans, dry	6	21.3	17 bu.	2.41	18	502	23
<u>Fruit</u>							
Apples	17	39.6	298 bu.	1.11	118	-3,478	-5
Cherries	12	5.4	8,384 lbs.	1.57	276	905	168
Peaches	10	5.2	152 bu.	1.05	126	-44	-9
Grapes	5	13.7	4.4 tons	2.08	118	1,667	122
<u>Hay and grain</u>							
Hay	44	40.7	2.2 tons	0.89	7	-25	-1
Wheat	26	27.3	31 bu.	3.48	9	597	21
Corn for grain	26	20.7	44 bu.	2.48	13	384	18
Oats	37	18.0	55 bu.	1.77	9	126	7
Barley	6	7.4	43 bu.	1.38	9	20	3

Livestock Enterprises

Enterprise	Number of accounts	Average number of head per farm	Production per head	Returns per hour of labor	Hours of labor per head	Profit on enter- prise
Dairy cows	32	29	10,242 lbs.	\$1.80	116	\$3,002
Hens	21	1,415	189 eggs	1.59	1.2	986
Raising chicks	21	1,867*	--	1.00	22**	-10

* Number of chicks started.

**Per 100.

Summary of Returns Per Hour of Labor										
	1914 to 1918	1919 to 1923	1924 to 1928	1929 to 1933	1934 to 1938	1939 to 1943	1944 to 1948	1949	1950	1951
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Farm enterprises</u>										
<u>Livestock:</u>										
Dairy cows	0.30	0.25	0.40	0.14	0.25	0.55	1.49	1.21	1.62	1.80
Hens	0.28*	0.84	0.47	0.31	0.29	0.77	1.34	1.87	1.09	1.59
Raising chicks	--	--	--	0.46	0.33	0.48	0.44	0.27	0.85	1.00
<u>Fruit:</u>										
Apples	--	0.79	0.79	0.45	0.45	0.85	1.60	0.98	1.87	1.11
Cherries	--	--	--	--	0.64	0.88	2.32	1.16	1.54	1.57
Peaches	--	--	--	--	0.54	0.56	1.57	0.58	1.19	1.05
Grapes	--	--	--	--	--	--	--	--	--	2.08
<u>Hay and grain:</u>										
Hay	0.73	0.66	0.08	-0.01	0.18	0.51	1.09	1.88	1.22	0.89
Corn	0.13	-0.01	-0.13	0.03	0.22	0.58	1.79	1.64	2.85	2.48
Oats	0.11	-0.31	0.03	-0.34	-0.02	0.14	0.76	-0.98	1.43	1.77
Wheat	0.58	-0.03	0.20	-0.03	0.47	1.17	3.15	3.12	3.30	3.48
Barley	--	--	--	--	--	--	--	--	--	1.38
<u>Vegetables:</u>										
Beans, dry	0.12	0.23	-0.06	0.05	0.30	0.59	1.51	0.28	2.06	2.41
Cabbage	0.46	0.45	0.49	0.34	0.48	1.08	1.15	0.90	0.08	2.52
Peas, C.F.	--	--	--	0.21	0.16	0.92	2.95	0.71	1.42	1.49
Potatoes	0.49	0.51	0.89	0.52	0.50	1.08	2.11	1.75	0.82	4.49
Tomatoes, C.F.	--	--	--	0.24*	0.41	0.67	1.56	0.83	1.28	2.10

*Less than five years.

Factors from 51 LABOR Accounts, 1951
(Arranged by man equivalent)

Farm number	No. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Average cost per man
				Wage* per no.	Privi- leges per mo.	Wage* and privi- leges	Wage* and board	Wage* only			
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$
339	13.4	35,904	2,679	260	37	243	--	210	1.07	1.13	3,029
174	12.7	32,885	2,589	342	91	--	--	289	0.79	1.23	3,197
221	11.4	32,154	2,821	250	70	236	182	234	0.84	0.99	2,794
170	11.1	29,369	2,646	289	93	291	--	--	1.20	1.36	3,586
315	9.5	25,311	2,664	200	142	260	--	246	1.09	1.19	3,172
316	8.6	24,769	2,880	300	139	259	--	199	0.68	1.10	3,156
386	5.9	17,519	2,969	238	86	295	178	141	1.32	1.15	3,423
384	5.5	12,018	2,185	150	44	--	--	220	0.75	1.00	2,193
383	5.4	14,471	2,680	250	49	176	--	--	0.90	0.98	2,639
375	5.3	16,454	3,105	250	110	214	--	--	0.82	0.98	3,031
149	5.2	15,851	3,048	200	109	144	--	176	0.81	0.76	2,322
376	5.0	10,718	2,144	250	74	222	--	--	0.91	1.37	2,944
185	4.9	13,606	2,777	238	58	201	--	--	1.04	1.09	3,031
403	4.8	11,441	2,384	250	86	192	--	162	0.70	1.12	2,662
345	4.4	11,330	2,575	220	263	--	232	165	1.08	1.34	3,447
267	4.3	8,429	1,960	208	56	212	--	--	1.63	1.53	3,006
399	4.2	13,093	3,117	250	63	204	--	225	0.61	0.98	3,055
385	4.0	13,988	3,497	250	78	241	--	157	0.69	0.83	2,915
188	3.8	13,983	3,680	333	59	272	--	--	0.79	0.98	3,620
324	3.8	9,032	2,377	250	34	208	153	--	0.70	1.19	2,835
398	3.8	12,603	3,317	250	53	275	202	--	0.54	0.84	2,788
200	3.7	10,714	2,896	225	106	224	--	--	0.75	0.95	2,747
391	3.7	9,506	2,569	250	127	178	--	--	1.01	1.34	3,436
165	3.6	11,619	3,228	217	77	248	--	--	0.96	0.96	3,106
344	3.6	11,201	3,111	170	70	242	--	154	1.13	0.92	2,847
377	3.2	10,825	3,383	200	67	--	166	--	1.05	0.74	2,492
171	3.1	9,153	2,953	208	50	221	--	--	1.01	0.88	2,600
400	3.0	8,666	2,889	208	84	--	130	--	1.02	1.10	3,170
310	2.9	7,886	2,719	166	145	--	--	276	0.67	1.12	3,058
211	2.8	8,300	2,964	200	44	203	--	183	1.00	0.86	2,542
331	2.8	8,960	3,200	208	83	--	144	--	0.79	0.82	2,622
382	2.8	9,070	3,239	250	108	184	176	--	0.46	0.89	2,896
288	2.7	11,193	4,146	167	92	240	--	135	0.76	0.65	2,691
401	2.7	6,622	2,453	250	83	--	--	202	0.85	1.21	2,961
370	2.6	6,714	2,582	200	65	264	200	--	1.01	1.14	2,948
281	2.4	8,418	3,508	200	51	--	165	--	1.07	0.72	2,535
380	2.4	7,467	3,111	167	115	--	173	--	0.92	0.81	2,505
390	2.3	8,343	3,627	218	43	--	--	210	0.99	0.90	3,264
130	2.2	7,314	3,325	209	92	227	--	--	0.84	1.02	3,394
397	2.2	8,371	3,805	200	108	--	232	--	0.82	0.84	3,192

Factors from 51 LABOR Accounts, 1951
- continued -

Farm number	No. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Average cost per man
				Wage* per mo.	Privi- leges per mo.	Wage* and privi- leges	Wage* and board	Wage* only			
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$
354	2.1	7,208	3,432	292	50	--	161	--	0.50	0.86	2,945
393	2.1	7,155	3,407	250	76	--	194	--	0.73	0.91	3,088
309	1.8	5,098	2,832	200	58	--	--	129	0.65	0.87	2,473
139	1.7	7,220	4,247	167	126	--	--	44	--	0.54	2,276
396	1.7	4,228	2,487	400	40	--	265	--	1.03	1.74	4,336
145	1.5	4,575	3,050	200	30	--	--	--	1.06	1.11	3,395
371	1.5	4,034	2,689	250	40	--	--	--	0.75	1.07	2,884
135	1.3	2,985	2,296	150	87	--	--	100	0.59	1.06	2,445
338	1.2	3,224	2,687	150	54	--	--	--	1.00	0.95	2,562
395	1.1	2,175	1,977	150	56	--	--	--	0.90	1.26	2,498
392	1.0	3,295	3,295	250	45	--	--	--	0.79	1.11	3,650

Averages for 1951, by thirds, according to number of men, weighted by farms:

High	7.2	19,137	2,660	244	92	185	35	133	0.96	1.14	2,982
Medium	3.3	10,195	3,095	224	80	161	57	65	0.83	0.96	2,902
Low	1.8	5,754	3,080	215	67	29	82	28	0.80	0.99	2,964

Annual averages, all farms, weighted by number of men:

1951	4.1	11,695	2,859	227	80	234	186	202	0.94	1.05	2,989
1950	4.1	11,700	2,825	225	64	217	154	188	0.87	0.98	2,772
1949	4.2	11,763	2,809	194	67	209	125	152	0.84	0.92	2,583
1948	4.1	11,059	2,725	173	60	200	132	177	0.85	0.90	2,440
1947	4.1	11,248	2,738	168	59	182	129	157	0.84	0.85	2,333

Factors from 51 EQUIPMENT Accounts, 1951
(Arranged by equipment investment)

Farm number	Equipment other than power* equipment				Total invest- ment for		Proportion of farm capital that is:		Custom work	
	Invest- ment \$	Net annual cost \$	Cost in percent of invest- ment %	Invest- ment per crop** acre \$	Cost per crop** acre \$	equip. and power \$	Equip. %	Power* and equip. %	Spent for \$	Rec'd from \$
174	15,367	7,483	49	83	40	26,989	14	25	1,054	38
339	14,317	4,832	34	138	46	19,592	14	19	427	18
344	13,084	3,014	23	94	22	17,796	13	18	472	404
316	12,944	6,503	50	68	34	22,344	12	21	400	85
185	12,828	5,005	39	137	54	18,926	15	21	0	355
315	12,397	5,088	41	45	18	22,872	14	25	467	0
386	11,934	4,899	41	36	15	21,496	15	27	484	354
221	11,925	7,855	66	26	17	23,567	8	17	2,676	3,159
345	11,726	2,776	24	103	25	15,376	16	21	628	0
383	11,171	3,863	35	108	37	16,811	18	26	210	84
384	10,445	1,700	16	154	25	17,264	16	27	0	0
375	10,027	2,012	20	61	12	13,715	9	12	205	193
398	8,893	2,381	27	56	15	13,918	11	17	100	0
331	8,698	2,207	25	39	10	13,298	11	16	625	0
399	8,394	2,939	35	71	25	12,544	10	14	1,053	813
324	8,326	2,326	28	80	22	12,451	15	23	348	569
170	8,202	5,343	65	26	17	18,410	8	18	747	120
390	8,132	3,155	39	21	8	13,257	14	22	458	224
171	7,522	1,755	23	34	8	11,934	17	27	116	72
67	7,518	2,958	39	32	13	16,668	8	17	461	0
77	7,252	2,120	29	37	11	13,592	8	14	795	50
103	7,122	1,482	21	50	11	10,856	12	18	665	23
176	6,601	2,235	34	58	20	12,187	12	21	177	506
188	6,474	2,914	45	35	16	11,174	7	13	249	90
111	6,158	2,148	35	21	7	10,120	8	13	1,128	0
182	5,592	2,258	38	29	11	12,242	12	24	196	213
188	5,494	1,500	27	58	16	7,154	12	16	130	0
154	5,405	1,200	22	103	23	8,037	12	17	53	0
185	5,250	2,237	43	32	14	9,891	6	11	474	29
170	5,224	1,211	23	33	8	7,879	9	14	279	0
196	5,173	1,620	31	71	22	6,888	18	24	50	0
130	5,163	2,233	43	27	12	9,725	9	16	268	0
109	5,132	1,019	20	38	7	7,457	11	17	222	144
149	4,850	2,031	42	19	8	10,898	8	17	1,269	19
191	4,752	2,348	49	22	11	6,576	7	9	124	252
195	4,608	1,094	24	31	7	6,790	14	20	335	735
181	4,444	1,247	28	37	10	5,719	8	11	510	92
100	4,430	1,274	29	24	7	8,630	8	16	728	0
197	3,673	1,214	33	51	17	5,998	8	14	139	0
100	3,566	2,090	59	29	17	10,226	5	14	129	0

- continued -

Factors from 51 EQUIPMENT Accounts, 1951

- continued -

Farm number	Equipment other than power* equipment					Total invest-ment for equip. and power	Proportion of farm capital that is:		Custom work	
	Invest-ment	Net annual cost	Cost in percent of invest-ment	Invest-ment per crop** acre	Cost per crop** acre		Equip.	Power** and equip.	Spent for	Rec'd from
	\$	\$	%	\$	\$	\$	%	%	\$	\$
165	3,534	2,084	59	20	12	7,412	7	15	201	142
393	3,180	1,008	32	27	9	7,155	8	17	142	808
380	3,175	1,510	48	19	9	6,563	6	12	1,001	160
310	3,164	1,535	49	56	27	4,147	8	10	72	0
135	3,157	1,028	33	34	11	3,732	11	13	359	175
392	3,104	1,070	34	75	26	4,679	12	18	12	130
338	2,842	549	19	115	22	4,192	16	23	112	0
371	2,751	1,195	43	22	9	4,976	9	17	115	0
139	2,432	531	22	33	7	4,532	6	10	0	0
145	1,710	864	51	17	9	3,392	5	9	952	0
401	1,674	785	47	27	12	2,444	7	9	22	119

Averages for 1951, by thirds according to investment in equipment, weighted by farms:

High	11,216	4,131	36	78	26	18,080	13	20	582	364
Medium	6,145	2,006	33	41	13	10,586	11	18	411	81
Low	3,306	1,260	39	38	13	5,716	9	14	291	154

Annual averages, based on totals for all farms:

1951	6,889	2,466	36	43	15	11,461	11	18	428	200
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* Trucks, tractors, and farm share of auto.

**Includes cropland, orchard, and vineyard.

Factors from 82 TRACTOR Accounts, 1951
(Arranged by hours of use)

Farm number	Size of tractor*	Average value	Annual cost per tractor				Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
			Depre- ciation and cash repairs	Fuel	All other	Total cost			
		\$	\$	\$	\$	\$	gallons	hours	\$
339	2	762	100	361	123	584	1.6	1,216	0.48
221	3	1,812	521	406	128	1,055	2.1	1,066	0.99
315	3	2,422	303	308	225	836	1.9	934	0.90
401	2	225	29	175	206	410	0.9	924	0.44
211	2,3	775	152	346	86	584	1.9	920	0.63
391	2	796	379	210	122	711	1.3	905	0.79
316	3	1,800	793	289	302	1,384	2.2	884	1.57
385	2	868	211	208	106	525	1.3	883	0.59
171	2,3	681	154	160	121	435	1.0	822	0.53
130	2	2,500	201	256	190	647	1.8	776	0.83
390	3	2,348	515	230	170	915	1.7	775	1.18
386	1,2,3,3	1,680	354	181	177	712	1.6	724	0.98
403	2	300	253	180	45	478	1.7	709	0.67
390	2	1,900	214	206	151	571	1.7	700	0.82
316	3	1,516	183	227	250	660	2.0	698	0.95
221	2	665	168	150	70	388	1.2	697	0.56
377	1,2,3	1,003	180	144	102	426	1.1	693	0.61
397	2,2	762	112	138	104	354	1.0	683	0.52
384	1	1,350	137	94	127	358	0.8	681	0.53
135	2	450	171	190	126	487	1.6	672	0.72
391	2	475	270	116	83	469	1.0	666	0.70
188	2	825	187	233	147	567	1.9	665	0.85
170	1,2,2,2,3	1,368	249	133	144	526	1.1	664	0.79
221	2	490	139	149	70	358	1.2	656	0.55
403	2	780	383	113	76	572	1.2	656	0.87
267	2,3,3	2,108	128	215	138	481	1.6	643	0.75
309	2,2	875	140	160	72	372	1.3	640	0.58
380	3,3	906	225	163	140	528	1.5	620	0.85
385	2	1,820	159	127	127	413	1.1	617	0.67
371	2	1,050	111	151	82	344	1.4	615	0.56
344	2	1,350	176	95	91	362	0.8	612	0.59
383	2	682	228	113	150	491	0.9	604	0.81
396	2	850	226	242	77	545	1.8	602	0.91
382	2,2,3	1,592	259	164	121	544	1.5	598	0.91
288	1,3	392	10	140	81	231	1.3	596	0.39
336	2	562	356	182	222	760	1.9	596	1.28
383	3	1,948	577	157	186	920	1.3	590	1.56
200	3	1,907	116	152	133	401	1.4	588	0.68
324	3	762	68	129	93	290	1.2	573	0.51
375	2,3	1,125	149	152	77	378	1.4	565	0.67
281	3	800	61	175	75	311	1.6	558	0.56
331	2,2,2	1,100	78	172	103	353	1.5	557	0.63
149	2,2	1,706	542	240	138	920	2.0	554	1.66
221	3	2,000	14	243	82	339	2.4	554	0.61
315	1	1,135	164	71	89	324	0.7	553	0.59

*The figures indicate the size of each tractor in terms of the number of plow shares usually pulled. Of the 120 tractors, 14 were 1-plow, 73 were 2-plow, and 33 were 3-plow. Farms 211, 171, 386, 377, 397, 170, 267, 309, 380, 382, 288, 375, 331, 149, 174, 165, 345, 185, 398, 393, 354, 370, and 145 had more than one tractor, but the cost records were

Factors from 82 TRACTOR Accounts, 1951

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Farm number	Size of tractor*	Annual cost per tractor					Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
		Average value	Depreciation and cash repairs	Fuel	All other	Total cost			
		\$	\$	\$	\$	\$	gallons	hours	\$
385	1	302	121	119	48	288	1.2	540	0.53
221	2	1,589	280	104	86	470	1.1	533	0.88
174	1,1,2,2,3	1,109	215	149	102	466	1.5	513	0.91
392	2	600	248	131	81	460	1.3	484	0.95
165	2,3,3	1,067	146	115	116	377	1.3	482	0.78
345	2,2	1,268	493	108	124	725	1.0	482	1.51
371	2	425	135	101	80	316	1.2	474	0.67
399	2	900	555	131	171	857	1.8	472	1.82
384	1	525	68	82	84	234	1.0	471	0.50
324	1	1,185	135	62	119	316	0.7	460	0.69
344	2	325	149	140	45	334	1.6	454	0.74
200	2	675	182	83	103	368	1.0	453	0.81
315	3	2,375	349	151	124	624	1.9	452	1.38
315	2	515	233	111	77	421	1.4	451	0.93
310	2	235	86	158	86	330	1.6	450	0.73
376	2	725	179	105	100	384	1.4	447	0.86
185	2,2,2,3	1,430	135	58	133	326	0.7	446	0.73
398	2,3	1,388	173	144	111	428	1.5	434	0.99
130	2	700	334	85	73	492	1.1	415	1.19
200	3	200	65	105	70	240	1.4	406	0.59
395	2	1,300	200	117	155	472	1.9	361	1.31
393	2,3	988	145	89	70	304	1.3	359	0.85
344	3	675	277	167	84	528	0.8	357	1.48
384	2	569	16	108	109	233	1.8	337	0.69
376	2	650	125	56	64	245	1.0	326	0.75
354	2,2	1,632	65	107	59	231	1.6	308	0.75
370	2,2	1,006	166	80	76	322	1.3	300	1.07
338	2	1,150	103	66	79	248	1.0	288	0.86
324	1	775	94	39	69	202	0.7	283	0.71
188	1	950	111	52	87	250	1.0	273	0.92
376	2	600	182	111	97	390	2.3	269	1.45
139	2	1,450	210	47	82	339	0.7	268	1.26
145	2,2	431	146	44	51	241	1.1	266	0.91
188	3	825	458	87	183	728	1.8	251	2.90
395	2	700	179	49	99	327	1.3	223	1.47
403	1	968	135	9	37	181	0.6	103	1.76
385	2	302	66	13	40	119	1.0	69	1.72
Average for 1951, by thirds according to hours of use per tractor, weighted by farms:									
High		1,168	245	207	136	588	1.5	776	0.75
Medium		1,095	211	142	110	463	1.4	552	0.85
Low		872	169	88	88	345	1.3	335	1.10
Annual averages, all tractors, weighted by number of tractors:									
1951		1,105	206	146	112	464	1.4	560	0.83
1950		1,009	174	135	101	410	1.4	547	0.75
1949		928	166	157	84	407	1.4	567	0.72
1948		807	145	158	89	392	1.5	585	0.67
1947		690	111	128	92	331	1.3	553	0.60

not separated by machines. Farms 130,188,200,221,315,316,324,344,371,376,383,384, 385,390,391,395,403 had more than one tractor with a separate account for each.

Factors from 64 TRUCK Accounts, 1951
(Arranged by cost per truck)

Farm number	Size of each truck***	Average value	Annual cost per truck				Miles of use per truck	Miles per gallon of gas	Average cost per mile of use
			Depre- ciation and cash repairs	Fuel	All other	Total cost			
		\$	\$	\$	\$	\$	miles	miles	¢
149	L	1,800	762	355	357	1,474	7,120	4	20.7
316	S	1,300	496	398	320	1,214	11,768	7	10.3
376	L	2,298	731	141	314	1,186	---	---	---
221	L	2,500	618	191	321	1,130	4,981	6	22.7
386	L	1,052	611	147	270	1,028	5,896	8	17.4
400	S	1,662	646	129	185	960	8,200	14	11.7
315	L	2,975	357	177	420	954	4,531	5	21.1
403	L	1,069	600	64	233	897	2,837	9	31.6
316	S	1,450	434	123	295	852	5,315	10	16.0
316	L	675	439	98	305	842	---	---	---
384	L	1,500	488	81	251	820	3,090	9	26.5
344	S	1,325	396	186	237	819	9,800	12	8.4
390	L	700	381	189	219	789	---	---	---
398	S	1,375	486	120	185	791	---	---	---
345	S	1,050	348	105	288	741	4,911	10	15.1
316	L	238	457	51	189	697	---	---	---
386	S	1,118	335	173	189	697	10,479	13	6.7
221	L	650	292	163	231	686	3,144	4	21.8
399	S	900	350	90	208	648	6,436	11	10.1
388	L	1,225	300	118	215	633	1,781	3	35.5
380	L	900	250	110	273	633	4,761	9	13.3
403	S	750	348	120	156	624	10,070	18	6.2
267	L	1,500	232	106	281	619	4,270	9	14.5
377	L	2,688	225	86	293	604	3,045	8	19.8
170	L,L,L,S	881	252	126	186	564	---	---	---
384	S	1,100	258	49	205	512	3,817	19	13.4
383	L	25	287	97	125	509	4,710	10	10.8
174	L,L,L,L,S	681	261	78	169	508	3,000	8	16.9
200	L	500	224	44	230	498	1,800	9	27.7
385	L	1,187	210	88	200	498	4,000	10	12.5
393	S	900	240	84	162	486	3,509	10	13.8
267	S	850	125	170	177	472	10,350	14	4.6
324	L	550	169	81	211	461	2,200	6	21.0
345	S	500	231	123	104	458	6,387	11	7.2
315	L	225	202	74	163	439	1,669	5	26.3
311	L,L,S,S	716	220	115	90	425	---	---	---
171	L	1,150	122	120	181	423	4,330	8	10.0
331	L	450	178	57	184	419	2,429	9	17.2
391	S	233	193	118	107	418	6,061	11	6.9
376	S	675	105	123	167	395	7,513	12	5.3
382	S	1,031	149	91	143	383	5,050	12	7.6
165	S	265	97	108	127	332	4,416	9	7.5
200	S	650	134	67	131	332	4,241	14	7.8
383	S	25	191	18	98	307	1,216	14	25.2
375	L,S	562	102	56	120	278	---	---	---

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Factors from 64 TRUCK Accounts, 1951
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Farm number	Size of each truck***	Average value	Annual cost per truck				Miles of use per truck miles	Miles per gallon of gas miles	Average cost per mile of use ¢
			Depreciation and cash repairs	Fuel	All other	Total cost			
		\$	\$	\$	\$	\$			
139	L	300	146	60	71	277	2,219	8	12.5
221	S	700	63	69	143	275	---	---	---
315	S	568	65	101	109	275	7,720	16	3.6
135	S	125	104	57	108	269	3,900	15	6.9
339	L, L, S	462	68	44	140	252	---	---	---
338	S	200	117	23	102	242	1,199	12	20.2
344	L	288	130	32	52	214	1,668	12	12.8
371	S	325	66	33	110	209	1,185	8	17.6
188	S	175	54	37	107	198	1,320	8	15.0
188	L	250	127	24	47	198	386	3	51.3
281	S	200	37	54	94	185	2,661	11	7.0
130	L, L	194	36	42	75	153	---	---	---
385	L	330	60	44	48	152	---	---	---
401	S	50	0	39	112	151	2,500	14	6.1
370	L, L	215	53	41	30	124	---	---	---
376	S	40	26	23	35	84	---	---	---
324	L	50	0	60	21	81	959	3	8.4
396	S	1,355	0	34	37	71	1,155	8	6.1
145	L	45	45	2	11	58	75	8	77.3

Averages for 1951, by thirds according to cost of truck, weighted by farms:

High	1,322	466	153	262	881	5,941	8	18.1
Medium	796	203	97	172	472	4,643	11	12.8
Low	308	71	42	80	193	2,012	10	19.3

Annual averages, all trucks, weighted by number of trucks:

1951	774	234	95	164	493	4,224	9**	12.4**
1950	795	231	94	156	481	4,042	8	13.0
1949	667	177	96	137	410	3,792	8	12.0
1948	593	140	92	125	357	4,273	8	8.9
1947	495	133	94	139	366	4,527	9	8.9

* Mileage unknown.

** Based on 54 trucks with known mileage.

***The letters in the second column indicate the size of the truck.

S = 1 ton or smaller. L = 1½ ton or larger.

Seven farms had one account for 2 or more trucks. Ten farms had 2 trucks with a separate account for each truck. Four farms had 3 trucks with a separate account for each truck. One farm had 4 trucks with a separate account for each truck. Twenty-six small trucks with known mileage were driven an average of 5,430 miles at a cost of \$471, or 8.7 cents per mile. Twenty-three large trucks with known mileage were driven an average of 3,126 miles at a cost of \$589, or 18.8 cents per mile. The cost for 5 trucks with known mileage could not be determined by size because large and small trucks were in the same account.

Factors from 7 HORSE Accounts, 1951
(Arranged by hours worked per horse)

Farm number	Horses per farm horses	Average per horse				Cost of feed and bedding \$	Cost per hour ¢
		Horse worked	Value	Grain	Hay		
		hours	\$	pounds	tons		
398	2.0	889	50	--	3.0	46	9
139	2.0	750	112	600	3.0	120	25
281	1.9	585	131	1181	2.6	126	41
174	1.0	331	38	1000	3.1	98	98
149	6.0	308	75	747	2.5	62	33
200	2.0	187	68	--	3.0	72	87
331	2.0	112	100	--	2.5	65	60
<u>Annual averages, all farms, weighted by number of horses:</u>							
1951	2.4	424	83	528	2.7	78	34
1950	2.4	525	84	434	3.1	93	35
1949	2.3	469	94	348	3.3	89	39
1948	2.8	386	110	623	3.1	90	49
1947	2.9	407	118	887	2.7	85	45

Factors from 31 HEIFER Accounts, 1951
(Arranged by number of heifers)

Farm number	Number of heifers*	Average age end of year**	Heifer equivalent raised***	Average per heifer	
	heifers	months	number	cost****	Value
				\$	\$
398	68	19	15.7	308	305
380	62	14	11.9	289	300
344	61	17	14.4	534	294
316	51	17	15.6	410	206
375	51	22	15.9	292	243
399	51	17	13.8	404	381
391	50	16	13.1	316	326
331	49	15	11.9	427	385
211	46	17	13.4	340	300
382	45	17	10.9	316	325
188	44	14	11.6	346	290
281	38	17	12.2	356	346
309	38	17	9.1	297	375
393	37	17	10.6	365	332
288	33	16	8.7	329	300
377	33	16	8.9	428	385
397	32	16	10.5	355	336
139	30	15	9.6	349	378
145	29	16	6.8	299	234
324	28	17	7.7	309	282
390	26	19	8.2	324	420
354	25	17	7.9	291	200
165	24	13	6.7	214	247
400	24	14	6.6	250	388
130	23	17	7.1	317	400
392	22	16	6.7	307	407
396	15	13	4.4	399	400
149	14	16	3.5	290	235
171	13	19	3.4	286	200
200	12	16	4.1	245	175
338	8	16	2.5	585	250

Averages for 1951, by thirds according to number of heifers, weighted by farms:

High	53	17	13.7	364	304
Medium	33	16	9.4	342	334
Low	18	16	5.3	318	290

Annual averages, all farms, weighted by number of heifers:

1951	35	17	9.5	347	312
1950	30	17	8.8	309	267
1949	28	18	8.7	336	224
1948	30	18	8.4	320	198
1947	25	17	7.3	313	174

* Total number of heifers in the account during the year.

** At end of year, time of transfer to cow account, time of sale or death.

*** To 27.5 months of age.

**** Includes cost of calf started and an adjustment for death losses.

Factors from 32 DAIRY COW Accounts, 1951
(Arranged by number of cows)

Farm number	Size of herd cows	Value per cow \$	Feed per cow			Cost of feed and bedding per cow \$	Depre- ciation per cow \$	Average per 100 pounds of milk	
			Grain pounds	Hay tons	Silage tons			Cost \$	Value \$
188	70.0	285	2,638	1.8	7.5	198	46*	3.34	4.71
375	46.0	221	2,946	2.3	5.5	222	21*	3.12	4.70
398	45.6	314	4,666	1.4	5.7	264	9*	3.52	4.55
400	41.8	317	3,204	1.6	2.0	186	14	3.62	4.85
399	39.8	443	3,917	1.8	6.3	289	19	4.48	5.38
344	38.3	272	2,923	3.1	4.2	235	6	3.10	4.60
281	35.8	286	4,930	1.9	4.5	320	3*	3.59	4.61
382	34.8	165	1,776	2.7	5.1	175	64	2.97	4.67
397	34.8	311	3,496	2.3	3.2	241	12	3.68	4.58
377	34.5	346	4,993	2.7	6.4	300	23*	3.78	4.74
211	31.5	293	3,341	2.2	4.4	217	10*	3.68	4.87
390	31.3	359	3,154	1.3	6.4	211	65	4.37	4.78
331	30.6	337	2,961	2.7	5.5	251	3*	3.17	4.69
316	30.0	207	4,229	2.5	6.0	379	1	6.56	5.49
288	28.6	248	2,265	1.6	4.8	187	--	3.78	5.34
393	27.8	320	4,308	2.6	4.5	288	64*	3.10	4.46
380	27.5	282	3,620	2.4	3.9	228	22*	3.24	4.65
149	27.2	269	2,526	2.6	6.1	226	9	4.91	4.97
386	26.2	414	5,620	4.2	4.0	346	49	4.62	4.66
130	25.9	258	2,397	1.3	5.3	212	5	3.87	4.86
370	25.8	243	2,423	3.6	5.6	230	--	3.76	4.95
391	25.6	289	3,099	3.3	--	203	6	4.30	4.64
324	24.7	272	4,189	1.4	7.1	284	--	3.45	4.72
165	23.7	211	2,678	2.0	3.3	200	17*	3.77	4.59
309	22.0	356	2,346	3.4	5.0	229	25	3.68	4.73
354	19.7	209	2,503	3.2	--	184	8*	3.79	4.80
139	19.2	394	5,517	3.1	3.6	322	45*	4.26	4.80
200	17.4	196	1,345	3.4	5.3	211	14*	4.39	4.80
392	17.4	355	2,573	3.0	2.8	228	26*	3.87	4.50
145	16.3	182	1,919	2.1	4.2	209	34	5.71	6.15
171	12.2	221	2,798	3.2	1.2	194	21*	5.68	5.36
338	8.1	192	4,108	3.7	--	260	3*	4.06	4.93

Averages for 1951, by thirds according to number of cows, weighted by farms:

High	41.2	296	3,530	2.2	5.0	241	--**	3.53	4.75
Medium	28.1	294	3,350	2.5	5.2	256	4	4.14	4.88
Low	18.8	262	3,007	2.9	3.0	229	6*	4.27	4.91

Annual averages, all farms, weighted by number of cows:

1951	29.4	285	3,333	2.4	4.8	241	2*	3.79	4.79
1950	27.7	240	3,145	2.3	4.7	222	26*	3.37	4.25
1949	27.6	196	3,339	2.3	4.8	233	3	3.82	4.29
1948	26.0	183	3,164	2.4	5.0	229	8*	3.83	5.22
1947	26.4	172	3,139	2.6	4.7	222	3*	3.53	4.67

* Indicates appreciation per cow

**Less than \$1.00

Factors from 32 DAIRY COW Accounts, 1951
(Read across both pages)

Milk per cow	Milk test	Average per cow			Labor returns		Labor per cow	Profit on enter- prise	Farm number
		Cost	Returns	Profit	Per cow	Per hour			
cwt.	%	\$	\$	\$	\$	\$	hours	\$	
85	3.6	378	494	116	237	1.93	123	8,125	188
111	3.6	397	572	175	296	2.39	124	8,052	375
116	3.6	456	576	120	237	1.70	139	5,465	398
96	3.5	396	514	118	225	2.30	98	4,930	400
104	3.6	526	619	93	213	1.76	121	3,702	399
114	3.7	426	598	172	273	2.46	111	6,580	344
127	3.6	530	659	129	224	1.71	131	4,625	281
108	3.8	376	560	184	267	2.85	94	6,391	382
103	3.5	433	526	93	188	1.66	114	3,240	397
119	4.0	532	647	115	226	1.50	151	3,956	377
89	3.4	393	498	105	204	1.77	115	3,323	211
110	3.5	520	565	45	168	1.24	135	1,400	390
119	3.8	461	643	182	274	2.44	112	5,560	331
79	5.1	566	481	-85	4	0.05	81	-2,544	316
78	4.8	342	464	122	206	1.59	129	3,495	288
135	3.5	543	726	183	309	2.23	138	5,091	393
117	3.3	450	615	165	250	2.36	106	4,525	380
79	3.8	432	436	4	106	0.79	135	119	149
125	3.4	657	662	5	117	1.12	105	141	386
91	3.5	402	493	91	185	2.00	93	2,345	130
108	3.8	435	564	129	245	2.42	101	3,320	370
99	3.3	470	504	34	167	1.71	98	878	391
123	3.6	480	636	156	262	2.97	88	3,865	324
92	3.6	404	479	75	181	1.64	110	1,769	165
99	3.3	430	534	104	177	2.11	109	2,279	309
88	3.4	374	463	89	174	1.76	99	1,759	354
93	3.5	499	549	50	119	0.92	130	956	139
83	3.4	414	448	34	158	1.21	131	592	200
98	3.6	454	516	62	175	1.72	102	1,083	392
76	4.7	467	500	33	157	1.41	111	544	145
63	4.3	397	377	-20	84	0.71	118	-244	171
104	3.6	495	585	90	234	1.55	151	731	338

Averages for 1951, by thirds according to number of cows, weighted by farms:

107	3.6	440	569	129	235	2.00	120	5,308	High
104	3.8	481	565	84	186	1.62	114	2,345	Medium
93	3.7	444	508	64	172	1.61	113	1,292	Low

Annual averages, all farms, weighted by number of cows:

102	3.7	441	543	102	208	1.80	116	3,002	1951
99	3.8	406	494	88	188	1.62	115	2,436	1950
97	3.8	405	451	46	139	1.21	115	1,259	1949
90	3.7	390	514	124	214	1.83	117	3,252	1948
94	3.7	369	476	107	190	1.66	115	2,810	1947

Factors from 21 HEN Accounts, 1951
(Arranged by number of birds)

Farm number	Size of flock birds	Eggs per hen eggs	Average per bird		Cost all feed \$	Depre- ciation \$	Total cost \$	Total returns \$
			Grain fed pounds	Mash fed pounds				
375	5,959	189	50	46	3.92	1.43	6.62	8.31
345	4,119	194	50	62	4.35	0.98	7.87	9.06
310	3,396	198	29	81	4.69	1.61	8.94	9.13
354	2,429	216	61	77	6.13	0.68	9.38	10.06
385	1,477	181	58	54	4.23	0.86	6.75	8.40
171	1,311	156	63	56	4.40	0.69	6.40	6.72
371	1,202	211	47	83	5.31	2.12	9.45	9.39
382	1,147	189	45	97	5.67	0.85	8.35	8.87
396	994	204	59	59	4.56	1.65	8.55	9.70
324	973	179	60	33	3.27	1.88	7.34	7.72
338	940	210	55	53	4.51	1.72	7.69	9.19
221	867	179	89	62	5.54	0.74	8.64	7.80
149	861	174	64	103	6.23	0.64	9.23	7.75
145	787	173	61	59	5.08	0.89	7.94	7.70
174	773	137	39	52	3.70	1.38	7.14	7.29
165	545	177	57	56	4.75	0.98	7.35	8.09
139	510	121	57	37	3.71	1.07	6.85	5.25
130	483	185	26	60	3.59	1.41	7.99	8.23
288	435	204	52	41	4.09	1.98	8.86	8.87
309	288	164	76	60	5.47	1.03	8.23	6.91
397	219	224	57	80	5.79	1.90	10.38	9.73

Averages for 1951, by thirds according to number of birds, weighted by farms:								
High	2,842	192	51	66	4.72	1.20	7.92	8.72
Medium	938	187	62	67	4.98	1.20	8.25	8.39
Low	465	173	52	55	4.44	1.39	8.11	7.77

Annual averages, all farms, weighted by number of birds:								
1951	1,415	189	52	62	4.60	1.24	7.88	8.58
1950	1,381	190	47	62	4.26	1.04	7.26	7.45
1949	1,379	194	48	64	4.25	1.08	7.20	8.44
1948	1,090	188	59	54	4.92	0.94	7.91	9.19
1947	1,082	191	53	57	5.02	1.05	7.88	8.97

Factors from 21 HEN Accounts, 1951
(Read across both pages)

Per dozen eggs		Per 100 birds		Return	Mortality	Profit	Farm number
Cost	Value	Labor returns	Labor	per hour of labor		on enter-prise	
¢	¢	\$	hours	\$	per cent	\$	
42	53	253	86	2.95	17	10,077	375
48	56	252	100	2.54	27	4,900	345
57	58	182	144	1.26	38	662	310
52	56	164	112	1.46	10	1,648	354
44	55	279	154	1.80	27	2,436	385
49	52	110	88	1.25	11	426	171
53	53	120	118	1.02	18	-74	371
52	55	180	144	1.25	27	593	382
50	57	220	57	3.85	22	1,148	396
48	51	185	123	1.50	27	369	324
44	52	248	103	2.41	35	1,408	338
57	52	77	140	0.55	8	-730	221
63	53	28	224	0.13	24	-1,270	149
55	53	108	118	0.91	10	-189	145
61	62	140	99	1.42	15	118	174
49	54	163	100	1.62	36	403	165
71	53	-58	191	-0.30	21	-818	139
52	53	218	191	1.14	21	114	130
51	51	238	368	0.65	14	4	288
59	50	-14	135	-0.11	41	-380	309
55	52	93	189	0.49	47	-142	397

Averages for 1951, by thirds according to number of birds, weighted by farms:

49	55	194	115	1.75	21	2,868	High
53	53	149	130	1.51	22	190	Medium
57	54	111	182	0.70	28	-100	Low

Annual averages, all farms, weighted by number of birds:

50	54	191	120	1.59	23	986	1951
46	47	133	122	1.09	22	265	1950
45	53	235	126	1.87	23	1,705	1949
51	59	247	141	1.75	18	1,395	1948
50	57	224	147	1.52	22	1,173	1947

Factors from 21 CHICK Accounts, 1951
(Arranged by number of chicks started)

Farm number	Number started	Per cent of chicks			Average per 100 chicks started		Value per chick started	Average per mature equivalent		Return per hour of enter-	Profit on enter- prise
		Raised or sold	Broilers	Died	Feed	Labor		Cost	Value		
	number	%	%	%	pounds	hours	\$	\$	\$	\$	\$

Day-old sexed pullet chicks:

375	8,500	85	1	14	2,556	14	33	1.92	2.00	1.50	601
310	4,642	76	11	13	2,853	20	41	2.36	2.46	1.52	383
211	1,925	87	5	8	2,883	16	27	1.88	2.00	1.52	200
221	1,800	83	--	17	1,892	29	28	1.81	2.00	1.68	284
396	1,540	86	1	13	2,939	18	38	2.17	2.25	2.07	107
371	1,500	90	1	9	3,312	32	37	2.56	2.25	0.22	-421
171	1,200	77	1	22	2,854	31	39	2.62	2.00	-0.68	-575
371	1,200	73	--	27	2,063	23	42	2.34	1.48	-1.69	-762
324	1,040	90	1	9	1,923	17	50	1.81	2.00	2.17	175
338	1,011	83	11	6	2,641	35	34	2.46	2.50	1.05	32
174	900	86	1	13	2,456	33	36	2.29	2.00	0.48	-227
130	600	92	1	7	2,151	32	36	1.98	2.00	1.05	9
288	550	96	--	4	3,307	81	31	2.28	2.50	0.91	118
309	510	71	22	7	2,573	29	29	1.66	2.25	2.31	212
145	345	84	--	16	2,757	38	28	2.32	2.25	0.95	-22
397	260	85	11	4	1,923	61	30	2.17	2.50	1.30	72

Miscellaneous and straight-run chicks:

345	6,264	50	36	14	1,591	14	21	2.15	2.25	1.70	320
382	2,250	46	32	22	2,805	15	22	2.36	2.35	0.86	-12
385	1,720	92	1	7	3,599	43	45	2.53	2.37	0.51	-253
139	1,026	34	16	50	1,423	27	23	3.22	2.00	-0.77	-358
165	429	90	--	10	2,284	19	89	2.37	2.15	-0.08	-83

Annual averages, all farms, weighted by number of chicks started:

1951	1,867	75	11	14	2,473	22	33	2.16	2.15	1.00	-10
1950	1,964	75	10	15	2,516	25	36	2.21	2.18	0.85	-45
1949	2,000	74	12	14	2,352	25	35	2.12	1.92	0.27	-297
1948	1,957	69	16	15	2,350	25	36	2.33	2.07	0.10	-349
1947	1,863	69	16	15	2,480	27	30	2.26	2.11	0.36	-196

Factors from 7 POTATO Accounts, 1951
(Arranged by acres of potatoes)

Farm number	Potatoes grown acres	Yield per acre bu.	Cost per acre		Average per bushel		Labor per acre hours	Return per hour of labor \$	Profit on enterprise \$
			Ferti-lizer \$	Growing \$	Cost \$	Value \$			
267	44.5	389	38	169	0.88	1.95	93	5.99	18,497
165	43.4	479	44	148	0.54	1.21	98	4.26	13,866
221	35.5	333	47	172	0.81	1.66	89	4.11	10,057
316	32.4	479	58	239	1.22	2.19	143	4.47	15,037
344	16.0	264	48	158	1.20	2.11	96	3.43	3,860
396	7.4	359	49	206	1.05	1.73	125	3.38	1,796
385	6.0	206	31	161	1.32	2.03	97	3.36	879

Annual averages, all farms, weighted by number of acres:

1951	26.5	397	46	177	0.87	1.74	104	4.49	9,142
1950	24.6	417	43	169	0.79	0.72	112	0.82	-695
1949	33.2	325	46	181	0.97	1.16	94	1.75	2,102
1948	29.5	326	39	174	0.92	1.42	93	2.78	4,744
1947	32.8	231	35	142	1.04	1.50	84	2.18	3,499

Factors from 7 CABBAGE Accounts, 1951
(Arranged by acres of cabbage)

Farm number	Cabbage grown acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enterprise \$
			Cost \$	Returns \$	Net cost \$	Value \$		Per acre \$	Per hour \$	
170	28.0	8.1	264	488	32.48	59.99	114	381	3.34	6,273
315	23.6	5.0	206	300	40.90	59.52	89	204	2.30	2,216
221	20.0	11.2	193	291	17.14	25.86	87	194	2.23	1,959
174	13.3	13.5	475	521	35.04	38.47	108	183	1.70	618
149	9.0	10.0	351	758	35.10	75.71	149	519	3.48	3,658
380	8.8	20.5	191	269	9.30	13.12	92	153	1.66	690
385	5.0	4.6	170	164	37.27	35.78	120	96	0.80	-34

Annual averages, all farms, weighted by number of acres:

1951	15.4	9.7	261	404	26.91	41.62	104	263	2.52	2,197
1950	17.7	6.0	141	87	23.41	14.34	68	5	0.08	-961
1949	14.1	9.3	207	207	22.27	22.21	80	71	0.90	-8
1948	12.5	11.4	197	190	17.21	16.63	81	66	0.81	-83
1947	11.6	9.4	200	412	21.22	43.65	97	299	3.07	2,467

Factors from 6 DRY BEAN Accounts, 1951
(Arranged by acres of beans)

Farm number	Beans grown acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
391	36.4	14	85	121	5.77	8.34	18	60	3.34	1,324
390	31.8	13	64	55	4.98	4.27	10	0	0.00	-287
135	18.7	11	63	62	5.54	5.46	12	12	0.99	-17
316	18.7	34	118	180	3.45	5.29	27	92	3.45	1,173
130	12.0	16	68	91	4.24	5.69	19	42	2.26	276
377	10.3	24	99	151	3.83	6.00	31	76	2.41	543
Annual averages, all farms, weighted by acres of beans:										
1951	21.3	17	81	104	4.58	5.94	18	42	2.41	502
1950	15.8	20	70	90	3.37	4.38	18	38	2.06	322
1949	13.8	12	75	49	6.16	4.02	22	-6	-0.28	-346
1948	18.5	18	77	85	4.06	4.47	20	24	1.18	141
1947	18.6	15	68	90	4.34	5.79	24	41	1.72	413

Factors from 7 CANNING FACTORY PEA Accounts, 1951
(Arranged by acres of peas)

Farm number	Peas grown acres	Yield per acre pounds	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
221	38.5	2,198	108	89	98.09	81.09	17	---	0.02	-719
390	31.9	2,213	109	142	98.84	128.61	20	51	2.60	1,081
386	25.0	2,096	105	108	100.50	103.44	16	21	1.26	77
385	13.8	2,302	109	117	95.09	101.26	14	19	1.35	98
380	8.5	2,711	112	162	82.47	119.36	26	71	2.74	425
396	7.7	2,533	124	139	98.05	109.84	18	49	2.64	145
377	6.0	3,166	123	130	72.84	77.47	25	26	1.03	14
Annual averages, all farms, weighted by acres of peas:										
1951	18.8	2,290	110	118	95.57	102.82	18	27	1.49	156
1950	14.4	2,038	89	95	83.02	88.79	14	20	1.42	85
1949	10.9	1,089	71	50	121.16	81.79	13	-9	-0.71	-235
1948	11.1	2,082	81	87	77.69	83.12	15	21	1.39	63
1947	10.5	2,899	73	119	50.31	81.95	18	63	3.43	482

* Less than \$1.00

Factors from 12 CANNING FACTORY TOMATO Accounts, 1951
(Arranged by acres of tomatoes)

Farm number	Tomatoes grown	Yield per acre	Average per acre		Average per ton		Labor per acre	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
	acres	tons	\$	\$	\$	\$	hours	\$	\$	\$
170	42.8	13.4	315	453	23.46	33.75	118	317	2.68	5,913
315	35.2	18.7	394	595	21.02	31.75	142	398	2.81	7,078
221	31.0	11.8	315	380	26.67	32.22	188	235	1.25	2,032
386	23.6	21.4	439	684	20.56	32.00	166	486	2.92	5,767
200	22.6	10.3	210	344	20.52	33.50	91	219	2.42	3,008
376	19.0	10.6	278	352	26.25	33.22	102	210	2.06	1,404
384	18.8	6.0	302	236	49.90	39.05	128	63	0.49	-1,233
174*	18.1	14.0	502	625	35.87	44.65	169	337	1.99	2,225
149	17.2	12.4	268	422	21.68	34.12	150	278	1.85	2,644
385	7.4	10.7	261	363	24.45	34.04	112	198	1.77	757
403	6.5	10.0	310	338	30.89	33.60	107	158	1.48	177
171	4.0	15.8	245	476	15.52	30.14	135	350	2.59	923

Averages for 1951, by thirds according to acres, weighted by farms:

High	33.2	16.3	366	528	22.93	32.43	154	359	2.42	5,198
Medium	19.6	10.2	323	389	33.14	37.60	122	207	1.74	1,351
Low	8.8	12.2	271	400	23.14	32.98	126	246	1.92	1,125

Annual averages, all farms, weighted by acres of tomatoes:

1951	20.5	13.5	332	457	24.61	33.84	138	289	2.10	2,558
1950	20.4	11.1	251	288	22.55	25.87	119	152	1.28	754
1949	26.3	8.3	225	205	27.05	24.64	110	92	0.83	-526
1948	23.6	8.0	223	245	27.73	30.47	108	130	1.20	517
1947	15.2	9.0	230	267	25.62	29.76	116	147	1.27	566

*Includes some market tomatoes.

Factors from 17 APPLE Accounts, 1951
(Arranged by acres of apples)

Farm number	Orchard bearing age	Yield pack- able fruit per acre	Labor to grow an acre	Cost of spray and dust materials per acre	Cost to grow an acre	Net to grower Cost per bu.	Returns per bu.	Return per hour of labor	Profit on enter- prise
	acres	bu.	hrs.	\$	\$	\$	\$	\$	\$
170	123.1	339	123	40	124	0.70	0.81	1.95	4,435
339	104.0	593	42	61	217	0.93	1.03	1.30	6,239
185	71.1	454	35	42	178	0.72	0.63	0.80	-2,815
315	63.3	272	16	43	117	0.72	0.67	0.93	-883
376	43.5	144	46	39	180	1.61	0.64	-0.25	-6,089
401	38.0	134	37	28	126	1.41	0.81	0.27	-3,049
383	37.6	206	33	37	154	1.22	1.47	1.50	1,912
200	35.7	176	18	24	75	0.64	0.89	1.82	1,590
370	26.0	113	19	22	68	1.00	1.17	1.48	487
391	24.6	173	41	28	125	1.06	0.98	1.13	-321
400	24.6	234	42	77	188	1.20	1.01	0.69	-1,122
171	23.2	95	26	20	63	0.91	0.60	0.36	-675
345	17.3	238	36	48	150	1.18	1.13	1.23	-226
403	14.0	94	14	17	72	1.18	1.22	1.34	55
135	12.4	5	11	1	52	12.26	1.08	-1.97	-671
149	12.1	107	27	23	121	1.33	0.59	-0.77	-963
384	3.2	188	13	30	264	2.48	0.18	-1.50	-1,382

Averages for 1951, by thirds according to acres, weighted by farms:

High	73.8	323	33	42	157	1.02	0.76	0.83	-360
Medium	29.7	180	31	38	122	1.02	1.10	1.32	509
Low	13.7	121	21	23	120	3.22	0.80	-0.22	-644

Annual averages, all farms, weighted by number of acres:

1951	39.6	298	30	40	143	0.90	0.88	1.11	-3,478
1950	45.5	313	37	40	141	0.82	1.18	1.88	5,074
1949	50.4	258	38	38	144	0.91	0.91	0.98	19
1948	48.7	213	46	37	155	1.05	1.35	1.60	3,141
1947	46.7	227	40	41	133	0.99	1.28	1.55	3,090

Factors from 10 PEACH Accounts, 1951
(Arranged by acres of peaches)

Farm number	Orchard bearing age	Average per acre				Net to grower		Return per hour of labor	Profit on enterprise
		Yield pack-able fruit	Labor to grow	Cost of spray and dust materials	Cost to grow	Cost per bu.	Returns per bu.		
	acres	bu.	hours	\$	\$	\$	\$	\$	\$
383	13.4	119	79	19	188	2.55	2.04	0.58	-807
170	9.6	256	73	36	223	1.51	2.17	2.43	1,626
200	7.2	182	33	14	72	0.74	1.09	1.65	457
376	5.5	116	63	24	183	2.13	1.52	0.66	-388
384	3.7	96	33	51	330	5.27	2.27	-0.66	-1,061
315	3.5	134	57	25	190	2.17	1.89	0.93	-130
403	3.3	33	23	6	95	4.85	2.38	0.05	-267
171	3.1	165	32	15	62	0.66	1.12	1.86	236
149	2.0	256	75	48	208	1.32	1.24	0.64	-43
345	1.2	23	6	---	55	4.07	1.86	-0.35	-62

Annual averages, all farms, weighted by acres of peaches:

1951	5.2	152	57	24	173	1.83	1.77	1.05	-444
1950	6.0	180	74	19	165	1.53	1.67	1.19	153
1949	6.2	117	75	15	148	2.10	1.57	0.58	-380
1948	7.2	146	67	13	134	1.58	2.06	1.39	510
1947	6.4	146	62	19	127	1.63	1.73	1.04	99

Factors from 3 PEAR Accounts, 1951
(Arranged by acres of pears)

Farm number	Orchard bearing age	Average per acre				Net to grower		Return per hour of labor	Profit on enterprise
		Yield pack-able fruit	Labor to grow	Cost of spray and dust materials	Cost to grow	Cost per bu.	Returns per bu.		
	acres	bu.	hours	\$	\$	\$	\$	\$	\$
170	10.9	212	14	20	79	0.68	1.74	5.66	2,438
383	5.0	235	5	10	67	0.91	1.71	3.14	945
345	1.8	34	4	---	57	3.08	0.68	-0.98	-149

Annual averages, all farms, weighted by acres of pears:

1951									
1950	5.2	130	6	10	49	0.76	1.75	4.56	675
1949	6.0	56	41	15	106	3.08	1.74	0.19	-445
1948	6.2	32	22	14	77	3.33	2.86	0.57	-95
1947	6.7	80	25	27	96	1.85	2.27	1.40	224

Factors from 12 CHERRY Accounts, 1951 /
(Arranged by acres of cherries)

Farm number	Orchard bearing age	Average per acre				Net to grower		Return per hour of labor	Profit on enter- prise
		Yield	Labor	Cost of	Cost	Cost	Returns		
		per acre	to grow	spray and dust materials	to grow	per pound	per pound		
	acres	pounds	hours	\$	\$	\$	\$	\$	\$
170*	11.9	8,140	10	18	65	4.1	4.9	1.13	772
383*	9.6	6,528	23	15	107	5.2	4.9	0.90	-186
315*	8.8	10,269	6	29	102	4.2	4.8	1.31	509
315**	7.9	12,060	4	34	94	3.9	9.4	2.53	5,220
384***	7.0	8,624	19	19	267	7.6	8.6	1.27	632
376*	6.0	8,545	34	30	161	4.7	6.0	1.43	660
170**	4.0	9,044	9	26	81	5.5	9.7	2.00	1,510
403**	4.0	1,731	2	2	33	3.9	10.2	5.57	439
171*	1.9	7,982	13	6	32	3.4	6.0	1.65	399
383**	1.7	7,248	8	18	85	5.3	9.0	1.97	451
403*	0.9	5,217	11	13	96	5.8	6.3	1.43	25
171**	0.8	10,870	36	15	74	4.1	9.1	2.19	433

Annual averages, all farms, weighted by acres of cherries:

	acres	Yield	Labor	Cost	Net to grower	Returns	Return	Profit
		per acre	to grow	to grow	per ton	per ton	per hour of labor	on enterprise
		tons	hours	\$	\$	\$	\$	\$
1951	5.4	8,384	14	21	110	4.8	6.8	905
1950	6.8	8,181	25	14	105	4.4	6.7	1,290
1949	7.1	1,602	15	11	66	8.6	9.5	105
1948	11.3	3,524	19	11	72	5.5	10.5	2,005
1947	11.4	2,897	20	9	68	6.2	10.3	1,356

/ 12 accounts on 7 farms
 * Sour cherries
 ** Sweet cherries
 *** Sweet and sour cherries

Factors from 5 GRAPE Accounts, 1951
(Arranged by acres of grapes)

Farm number	Vineyard	Average per acre			Net to grower		Return per hour of labor	Profit on enter- prise
		Yield	Labor	Cost	Cost	Returns		
		per acre	to grow	to grow	per ton	per ton		
	acres	tons	hours	\$	\$	\$	\$	\$
403	40.6	4.6	33	111	42.87	77.66	2.84	6,543
384	21.0	4.4	77	165	61.49	78.91	1.48	1,613
288	3.6	3.4	79	109	43.07	76.16	1.59	401
401	1.8	3.1	112	249	104.59	48.76	0.23	-316
383	1.7	2.2	71	116	75.13	100.00	1.47	93

Annual average, all farms, weighted by acres of grapes:

1951	13.7	4.4	52	131	50.14	77.72	2.08	1,667
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Factors from 32 PASTURE Accounts, 1951
(Arranged by cow equivalents pastured)

Farm number	Total acres pasture	Cow equiva- lents past- ured number	Amount per acre for regular pasture*			Cost per cow equivalent				
			Pounds		Total cost \$	After- math pasture \$	Annual crop pasture \$	Hired pasture \$	Net cost of regular pasture* \$	Total past- ure \$
			Hours labor	ferti- lizer pounds						
188	151.0	86	0.3	18	8	11	2	--	14	27
398	145.0	70	--	--	4	8	--	1	9	18
375	234.5	64	0.1	--	3	10	--	--	12	22
399	63.0	57	0.7	46	12	5	11	1	13	30
331	117.3	56	0.6	3	9	4	--	--	18	22
344	121.5	54	1.1	51	10	5	--	--	23	28
382	78.4	54	1.1	213	16	6	--	1	24	31
281	33.8	52	1.8	116	24	5	1	2	16	24
400	168.0	50	0.5	--	5	--	1	--	18	19
211	58.9	48	--	--	14	3	7	--	17	27
316	87.9	48	1.1	105	23	--	23	--	36	59
397	56.0	48	0.1	71	8	5	--	--	9	14
386	66.3	46	0.6	--	17	--	21	--	24	45
377	75.5	44	0.2	8	15	7	--	--	26	33
380	28.9	44	1.2	--	10	2	9	--	5	16
391	48.9	41	1.1	--	11	12	5	--	13	30
393	84.0	41	0.4	33	5	3	7	--	11	21
390	40.6	40	1.6	62	22	7	10	5	17	39
288	13.7	39	4.2	--	27	4	--	--	10	14
370	93.0	39	0.6	--	5	2	--	--	11	13
324	48.3	35	0.5	--	16	1	--	--	22	23
130	43.4	34	0.8	--	27	7	3	--	34	44
139	26.5	32	--	--	7	3	--	1	6	10
165	42.8	32	1.5	--	14	1	--	4	19	24
309	65.4	32	0.7	18	8	9	5	1	16	31
149	37.6	31	1.7	183	20	1	20	--	24	45
354	41.3	29	0.4	--	14	3	--	--	20	23
200	23.1	26	0.7	--	20	1	16	--	18	35
392	103.0	25	0.2	13	4	6	7	1	16	30
145	43.2	24	1.0	35	22	--	--	--	30	30
171	14.3	16	--	--	11	8	--	--	9	17
338	11.2	11	3.2	36	23	5	--	--	23	28

Averages for 1951, by thirds according to cow equivalents pastured, weighted by farms:

High	114.5	58	0.7	50	12	5	4	1	18	28
Medium	55.5	42	1.0	17	14	4	5	1	15	25
Low	41.1	27	0.9	26	15	4	5	1	19	29

Annual averages, all farms, weighted by acres of pasture:

1951	70.8	42	0.6	28	11	5	4	1	17	27
1950	64.9	39	0.8	18	10	3	4	1	16	24
1949	68.3	42	0.8	28	11	4	3	1	17	25

* includes permanent and rotated pasture.

Factors from 144 HAY Accounts, 1951
(Arranged by acres of hay)

Farm number	Hay per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost	Returns	Net cost	Value		Per acre	Per hour	
375	98.5	1.8	30	38	14	18	4	12	2.85	757
391	83.1	2.1	38	37	16	15	6	7	1.10	-132
221	74.9	2.3	35	27	15	11	5	-2	-0.51	-591
149	69.3	1.6	27	27	16	16	4	2	0.58	-51
398	65.8	2.5	43	62	14	22	7	24	3.58	1,211
390	64.7	0.8	28	14	31	12	3	-12	-3.78	-962
188	63.0	2.0	44	51	17	20	6	12	1.94	388
393	61.0	2.2	38	45	17	20	6	13	2.10	450
309	57.2	1.8	33	34	14	15	7	7	0.99	49
165	56.0	1.6	30	29	18	17	6	5	0.77	-68
400	54.8	1.2	36	24	30	20	3	-8	-2.59	-659
281	54.3	1.7	42	52	22	27	7	14	2.14	510
382	53.2	3.8	56	66	14	17	8	17	2.09	507
344	53.0	3.1	63	52	19	15	9	-2	-0.26	-583
139	52.6	2.0	36	60	18	30	9	29	3.13	1,269
370	50.0	2.3	35	36	15	15	4	6	1.31	36
316	47.1	1.8	75	36	42	20	8	-31	-3.99	-1,843
397	46.0	2.5	48	54	18	20	11	15	1.34	257
377	45.9	3.2	49	66	13	19	10	24	2.48	775
211	45.4	2.0	44	38	21	18	4	-2	-0.40	-237
395	42.0	2.6	42	37	16	14	9	4	0.49	-236
385	38.6	2.8	56	42	20	15	10	-4	-0.42	-513
380	36.1	3.0	41	50	13	16	8	15	2.01	327
288	35.8	1.8	39	41	19	20	7	7	0.90	67
315	35.3	3.1	71	60	23	19	12	4	0.33	-376
345	34.7	1.7	58	52	33	30	6	3	0.48	-187
399	34.5	2.4	59	64	23	25	8	13	1.56	161
170	32.8	2.2	64	44	29	20	10	-7	-0.75	-686
130	30.7	2.9	36	50	10	15	5	19	3.88	434
354	29.4	3.1	51	65	16	20	9	21	2.33	397
135	28.2	2.2	39	40	15	16	9	11	1.21	38
392	25.0	1.7	42	45	21	22	4	6	1.68	55
396	24.3	2.3	57	40	24	17	8	-3	-0.34	-426
171	21.9	3.1	41	67	11	20	6	31	5.26	569
200	20.2	2.5	47	49	18	19	9	11	1.22	51
174	19.3	1.9	44	37	24	20	6	-4	-0.02	-110
145	18.2	1.4	52	34	38	25	3	-14	-3.90	-317
338	17.0	1.6	53	39	32	23	4	-10	-2.49	-234
371	15.7	2.9	83	42	29	15	16	-24	-1.54	-647
383	15.5	2.3	43	38	18	17	9	4	0.45	-71
403	15.1	1.7	42	34	22	17	8	1	0.08	-132
324	15.0	1.9	49	32	26	17	5	-12	-2.44	-258
267	5.0	3.4	75	63	22	18	14	10	0.71	-60
310	3.0	2.0	37	40	18	20	8	12	1.57	10

- continued -

Factors from 44 HAY Accounts, 1951
- continued -

Continued

Farm number	Hay per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$

Averages for 1951, by thirds according to acres of hay, weighted by farms:

High	64.1	2.0	39	41	18	19	6	8	0.94	140
Medium	39.6	2.4	51	48	21	19	8	5	0.66	-114
Low	18.2	2.3	50	44	22	19	8	3	0.25	-78

Annual averages, all farms, weighted by acres of hay:

1951	40.7	2.2	44	43	19	18	7	6	0.89	-25
1950	41.9	2.0	39	41	18	19	6	8	1.22	80
1949	41.6	1.7	37	43	20	24	6	11	1.88	252
1948	37.5	2.1	39	41	17	18	7	8	1.07	72
1947	36.6	2.2	37	40	16	17	8	8	1.05	75

*Less than one dollar.

Factors from 14 GRASS SILAGE Accounts, 1951
(Arranged by acres of silage)

Arranged by acres of silage)									
Farm number	Silage per farm acres	Yield per acre tons	Labor		Cost per acre			Cost per ton to harvest	Net cost per ton
			Per ton hours	Per acre to harvest hours	To grow \$	To harvest \$	Total \$		
188	41.5	9	0.9	8	21	27	54	2.81	4.56
324**	20.5	9	2.3	20	22	54	79	6.20	6.17
400	19.0	4	2.6	10	15	33	52	8.52	13.52
211	17.5	3	3.4	9	11	19	31	7.40	10.56
393	12.0	6	2.4	13	21	20	44	3.62	6.82
344	11.0	5	1.8	8	22	25	63	5.23	12.85
130	10.0	9	1.2	11	7	49	90	5.46	9.32
397	10.0	5	4.8	25	16	39	57	7.54	9.69
331	9.0	8	2.0	15	13	31	51	4.16	6.41
392	8.5	8	1.6	8	35	45	81	5.70	8.51
395**	7.9	10	0.2	2*	8	26	48	2.61	2.79
174	6.5	9	1.0	9*	37	32	78	3.55	8.69
392**	5.2	4	3.8	15	21	34	57	8.95	4.05
171	4.4	7	1.6	11	6	23	38	3.29	4.74

Annual averages, all farms, weighted by acres of silage:

1951	13.1	7	1.7	11	18	32	58	4.65	6.89
1950	13.1	7	1.4	10	15	31	51	4.37	6.26
1949	17.1	5	1.5	8	15	20	40	3.76	6.87
1948	22.1	8	1.5	11	17	23	45	3.06	5.39

* Hired silo filling.

**Second cutting harvested as hay.

Factors from 27 CORN SILAGE Accounts, 1951
(Arranged by acres of silage)

Farm number	Silage per farm acres	Yield per acre tons	Labor per ton hours	Labor per acre		Cost per acre		Cost per ton to harvest \$	Net cost per ton \$
				To grow hours	To harvest hours	Manure \$	Total \$		
398	42.0	7	2.3	5	12	6	63	3.71	8.63
188	28.0	14	1.0	5	9	20	93	2.15	6.67
130	24.7	5	2.1	3	6	5	43	3.66	9.21
331	24.0	11	1.6	7	11	5	76	1.84	6.72
316	23.1	8	2.4	9	11	6	134	6.55	16.24
149	21.0	9	1.0	9	—*	—	64	2.05	7.22
386	20.7	11	2.3	7	17	7	106	3.32	9.96
390	19.8	5	1.2	3	3	1	59	4.36	11.61
344	19.0	10	1.5	6	9	12	89	2.16	8.95
370	18.0	8	2.0	8	9	16	83	3.28	10.50
281	17.9	12	2.8	9	23	7	103	2.87	8.72
309	16.0	7	1.8	7	6*	19	64	2.40	8.81
377	16.0	14	1.1	6	9	17	91	2.37	6.61
382	15.7	17	1.0	5	12*	11	87	1.92	4.89
375	15.0	15	2.4	8	26	23	111	3.58	7.60
145	13.0	7	1.6	3	7*	7	66	4.78	9.93
200	12.7	7	2.2	9	6*	5	66	3.01	9.64
397	11.0	6	4.6	13	15	14	118	9.22	19.31
399	10.7	17	1.4	8	16	18	155	4.45	8.95
139	10.5	10	2.3	8	16	30	97	2.97	7.75
288	10.3	17	1.8	10	21	33	111	2.23	6.56
211	10.0	8	2.5	9	10	—	53	2.63	6.85
165	7.3	11	2.7	10	19	10	126	3.76	11.62
324	7.2	7	3.2	9	13	27	94	3.78	13.88
393	6.0	9	2.2	7	13	19	82	3.20	8.98
392	4.0	16	1.8	9	20	8	94	2.39	5.68
171	2.0	6	3.8	9	16*	6	98	4.23	15.00

Averages for 1951, by thirds according to acres of silage, weighted by farms:

High	24.7	9	1.7	6	9	7	81	3.31	9.47
Medium	15.0	10	2.2	8	13	13	88	3.71	9.56
Low	7.6	11	2.4	9	16	17	101	3.29	9.47

Annual averages, all farms, weighted by acres of silage:

1951	15.8	10	1.8	7	11	12	86	3.14	8.64
1950	15.6	9	2.1	7	11	11	77	3.22	8.80
1949	13.8	10	2.1	8	13	14	86	2.81	8.51
1948	12.8	10	2.3	10	14	12	80	2.69	7.81
1947	14.0	9	2.5	8	14	12	71	2.75	7.82

*Hired silo filling

Factors from 26 CORN FOR GRAIN Accounts, 1951
(Arranged by acres of corn)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost \$	Returns \$	Cost \$	Value \$		Per acre \$	Per hour \$	
211	68.6	25	25	47	1.00	1.90	7	28	4.17	1,507
385	51.9	44	57	62	1.30	1.40	16	18	1.13	232
371	42.7	41	42	76	1.01	1.84	12	48	3.86	1,467
382	41.1	75	69	124	0.91	1.65	12	66	5.60	2,281
386	38.0	44	68	86	1.56	1.97	16	35	2.20	687
221	35.9	61	61	92	0.99	1.50	11	44	3.92	1,117
171	25.0	33	49	66	1.27	1.71	14	29	2.10	423
390	23.9	10	29	19	2.80	1.80	2	-9	-5.84	-249
130	20.5	49	49	83	1.00	1.70	6	40	6.98	698
380	20.0	65	68	127	1.04	1.95	12	69	5.73	1,183
200	18.5	10	47	18	4.62	1.80	13	-17	-1.30	-536
310	18.0	6	62	11	11.21	2.00	12	-38	-3.30	-921
345	15.0	64	113	115	1.77	1.80	37	52	1.40	33
288	14.0	56	52	100	0.93	1.80	14	57	4.17	680
399	13.3	51	100	80	1.98	1.58	25	4	0.17	-270
149	13.2	23	64	33	2.81	1.47	12	-21	-1.76	-402
375	12.5	56	40	111	0.72	2.00	6	77	12.35	887
377	12.3	66	70	112	1.05	1.68	13	52	3.93	517
396	9.8	45	95	72	2.10	1.60	18	11	0.58	-222
316	9.1	47	131	85	2.80	1.80	19	-26	-1.34	-427
145	8.0	79	62	157	0.79	2.00	12	108	9.23	764
383	7.5	33	84	53	2.51	1.60	18	-13	-0.71	-227
324	7.0	57	67	103	1.16	1.80	15	55	3.57	254
398	6.0	49	56	86	1.13	1.75	10	40	3.76	184
370	5.0	45	47	101	1.05	2.25	6	61	10.48	271
309	2.0	58	62	88	1.05	1.50	13	38	2.88	53

Averages for 1951, by thirds according to acres of corn, weighted by farms:

High	38.6	43	50	73	1.32	1.72	11	33	2.68	907
Medium	15.6	41	68	74	3.14	1.80	16	23	2.18	82
Low	7.4	53	75	95	1.52	1.78	14	36	3.60	130

Annual averages, all farms, weighted by acres of corn:

1951	20.7	44	57	75	1.31	1.73	13	31	2.48	384
1950	16.7	53	57	83	1.06	1.55	14	39	2.85	433
1949	14.0	45	53	65	1.14	1.39	15	24	1.64	156
1948	15.3	40	52	61	1.29	1.51	12	20	1.56	134
1947	14.1	31	49	72	1.55	2.26	13	33	2.63	318

Factors from 37 OATS Accounts, 1951
(Arranged by acres of oats)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost \$	Returns \$	Net cost \$	Value \$		Per acre \$	Per hour \$	
386	48.4	73	46	74	0.61	0.99	8	37	4.39	1,356
221	43.2	56	40	55	0.53	0.80	5	20	4.40	652
315	40.0	66	56	65	0.70	0.83	8	19	2.25	340
390	34.7	35	35	31	1.02	0.90	3	-1	-0.36	-146
344	33.0	56	61	69	1.00	1.15	10	18	1.71	274
188	30.0	50	96	73	1.68	1.22	12	-11	-0.93	-692
377	29.9	60	46	59	0.68	0.91	11	22	1.99	410
309	29.6	36	40	39	1.04	1.00	8	6	0.71	-37
391	29.4	81	50	87	0.56	1.00	8	47	5.72	1,064
382	29.3	40	63	47	1.30	0.90	9	-8	-0.83	-469
371	28.3	37	31	33	0.84	0.90	9	12	1.35	67
370	26.0	58	68	81	0.92	1.15	13	27	2.16	352
331	24.3	33	44	38	1.25	1.06	10	2	0.20	-151
375	20.0	64	51	68	0.69	0.96	7	24	3.43	346
130	19.8	81	50	76	0.53	0.85	6	32	5.54	516
165	19.0	44	46	51	0.89	1.00	10	14	1.45	89
211	19.0	63	39	59	0.59	0.90	9	27	3.09	375
170	18.5	63	56	83	0.87	1.31	7	37	5.53	511
149	17.4	78	71	88	0.68	0.90	11	25	2.37	300
345	12.3	65	84	72	1.18	1.00	13	6	0.44	-141
393	12.0	53	53	63	0.81	1.00	17	26	1.52	124
324	11.6	39	60	54	1.17	1.00	9	4	0.48	-76
200	11.3	26	47	20	1.79	0.75	8	-20	-2.41	-309
380	11.0	35	47	40	1.19	1.00	4	-3	-0.82	-72
145	9.8	54	52	78	0.64	1.12	7	33	4.85	251
385	9.2	78	63	65	0.72	0.75	19	18	0.98	22
392	7.0	39	61	41	1.51	1.00	16	-1	-0.08	-139
397	7.0	29	72	45	1.93	1.00	16	-13	-0.81	-186
376	6.0	85	73	98	0.58	0.88	11	41	3.81	151
396	6.0	58	64	72	0.98	1.12	10	26	2.66	48
395	4.7	43	59	45	1.17	0.85	14	4	0.29	-65
354	4.5	67	95	84	1.16	1.00	12	-*	0.02	-47
383	4.0	89	88	103	0.52	0.68	13	28	2.08	58
399	4.0	59	71	74	1.05	1.10	15	18	1.16	11
403	3.0	33	66	41	1.63	0.90	11	-11	-1.06	-73
139	2.5	44	96	68	1.64	1.00	34	-10	-0.30	-70
135	1.5	60	52	54	0.87	0.90	11	14	1.24	3

Averages for 1951, by thirds according to acres of oats, weighted by farms:

High	33.5	54	53	59	0.91	0.98	9	16	1.88	264
Medium	15.8	54	54	61	0.94	0.99	9	16	1.97	136
Low	5.0	57	72	66	1.15	0.93	15	10	0.83	-24

Annual averages, all farms, weighted by acres of oats:

1951	18.0	55	54	61	0.84	0.97	9	16	1.77	126
1950	15.7	47	48	52	0.92	1.01	8	12	1.43	65
1949	19.3	27	40	26	1.40	0.89	7	-7	-0.98	-266
1948	16.6	41	48	42	1.04	0.90	10	2	0.18	-97
1947	16.2	33	46	51	1.19	1.35	9	13	1.46	85

*Less than \$1.00

Factors from 26 WHEAT Accounts, 1951
(Arranged by acres of wheat)

Farm number	Grain per farm acres	Yield per acre bushels	Average		Average		Labor per acre hours	Labor		Profit on enter- prise \$
			per acre		per bushel			returns		
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	
390	108.2	36	47	88	1.17	2.31	5	45	8.97	4,400
211	53.0	29	48	64	1.53	2.04	10	23	2.32	753
267	50.9	44	47	95	0.99	2.09	9	61	7.08	2,484
395	45.2	24	47	61	1.78	2.35	4	20	4.50	626
386	42.3	49	70	122	1.01	2.08	15	68	4.64	2,195
149	35.6	19	40	43	1.97	2.14	6	7	1.25	117
382	33.5	30	57	85	1.47	2.40	8	34	4.36	928
385	29.4	26	50	56	1.78	2.00	13	16	1.27	165
130	29.2	23	42	63	1.28	2.20	7	28	3.76	616
371	27.5	21	40	44	1.77	2.00	11	17	1.57	135
170	22.9	41	58	100	1.32	2.35	8	53	6.34	965
399	22.0	35	74	104	1.49	2.36	15	45	2.91	659
380	21.2	27	67	66	2.26	2.22	10	7	0.65	-20
200	20.7	21	45	53	1.74	2.10	10	16	1.68	157
288	20.0	36	74	97	1.57	2.20	11	29	2.70	450
391	17.8	28	71	75	2.28	2.42	12	18	1.56	68
315	16.1	11	63	39	4.33	2.17	11	-11	-1.04	-384
316	16.0	25	87	66	3.05	2.20	9	-12	-1.38	-342
309	15.9	17	38	43	1.91	2.20	8	12	1.62	80
324	15.8	38	72	89	1.57	2.00	11	30	2.72	260
135	13.8	38	39	81	1.01	2.12	9	51	5.83	582
174	13.6	31	82	90	2.08	2.35	9	20	2.12	114
396	13.0	44	61	92	1.19	1.89	10	47	4.51	398
145	11.0	33	68	102	1.45	2.46	9	44	4.95	370
331	10.5	17	65	43	3.27	2.00	11	-12	-1.06	-225
345	5.0	32	78	71	2.21	2.00	11	8	0.70	-34

Averages for 1951, by thirds according to acres of wheat, weighted by farms:

High	47.5	31	50	75	1.44	2.18	9	34	4.24	1,365
Medium	21.0	28	62	72	2.10	2.23	11	22	2.05	254
Low	12.7	31	66	75	1.97	2.14	10	21	2.22	134

Annual averages, all farms, weighted by acres of wheat:

1951	27.3	31	55	76	1.49	2.19	9	31	3.48	597
1950	31.1	31	48	70	1.33	2.06	10	32	3.30	701
1949	25.4	32	48	68	1.30	1.94	9	29	3.12	514
1948	24.9	28	46	62	1.51	2.07	9	24	2.56	383
1947	28.0	28	38	72	1.20	2.45	10	42	4.35	963

Factors from 6 BARLEY Accounts, 1951
(Arranged by acres of barley)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
267	16.0	42	32	46	0.72	1.05	6	22	3.45	221
386	11.0	67	66	75	0.86	1.00	11	22	1.98	106
135	7.6	34	47	52	1.37	1.50	7	12	1.70	34
377	5.5	17	65	25	3.60	1.26	11	-32	-3.05	-220
171	2.5	40	52	63	1.23	1.50	16	25	1.55	27
135	2.0	30	53	30	1.77	1.00	10	-14	-1.42	-46
Annual averages, all farms, weighted by acres of barley:										
1951	7.4	43	49	52	1.06	1.12	9	12	1.38	20
1950	10.5	35	39	51	1.09	1.41	7	18	2.63	117
1949			Not averaged - - - Only two accounts							
1948	8.7	17	40	22	2.09	1.07	7	-10	-1.33	-152
1947	15.4	16	29	29	1.73	1.74	6	5	0.84	1

Factors from 3 RYE Accounts, 1951
(Arranged by acres of rye)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
316	14.8	22	74	50	2.86	1.79	13	-10	-0.81	-349
396	4.7	22	26	45	0.83	1.66	4	25	6.26	86
200	1.8	12	21	24	1.73	2.00	6	8	1.50	6