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NORTH CAROLINA

FARM INCOME AND PRODUCTION

1950-1989

R. K. Perrin

G. P. Sappie

EIR No. 83 November 1990

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA

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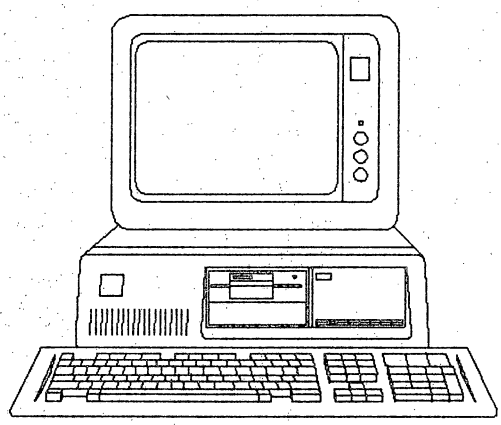

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Department of Agricultural and Resource Economics
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CONTENTS

Page

INTRODUCTION 2

LIST OF TABLES

1. FARM FINANCIAL INDICATORS

1.1 Net Farm Income Indicators 4
1.2 Farm Income Components 6
1.3 Farm Expense Components 8
1.4 Government Payments by Program 10
1.5A Balance Sheet of the Farming Sector in Current Dollars 12
1.5B Real Balance Sheet of the Farming Sector in 1982 Dollars 12
1.6A Balance Sheet of Farms in Current Dollars 14
1.6B Real Balance Sheet of Farms in 1982 Dollars 14

2. FARM INPUTS - USE AND PRICES

2.1 Number of Farms and Land in Farms 16
2.2 Number of Farms by Acres Harvested 18
2.3A Intermediate Product Expenses (Current Dollars) 20
2.3B Intermediate Product Expenses (1982 Dollars) 22
2.4 Indexes of Input Prices, U.S.-Wide 24
2.5 Indexes of Quantities of Inputs 26
2.6 Input Expenditure Shares 28

3. AGGREGATE FARM PRODUCTION

3.1 Value of Production, Production and Price Indexes 30
3.2 Shares of Major Crops in Value of Agricultural Production 31
3.3 Shares of Major Livestock and Poultry Products in Value of Agricultural Production 32

4. CROP PRODUCTION

4.1 Corn Production and Value 34
4.2 Cotton Production and Value 36
4.3 Fruit Production and Value 38
4.4 Peanut Production and Value 40
4.5 Soybean Production and Value 42
4.6 Sweet Potato Production and Value 44
4.7 Tobacco Production and Value 46
4.8 Wheat Production and Value 48
4.9 Vegetable Production and Value 50

5. LIVESTOCK AND POULTRY PRODUCTION

5.1 Cattle, Milk and Beef Production and Value 52
5.2 Hog Production and Value 53
5.3 Broiler Production and Value 54
5.4 Chicken and Egg Production and Value 55
5.5 Turkey Production and Value 56

INTRODUCTION

This report summarizes North Carolina farm financial and production data since 1950. Section 1 details the financial statements, including income accounts and balance sheet data. These reports separate the operator's dwelling and household from farm production transactions, assets, and debt. This section is based on data from Economic Indicators of the Farm Sector, where additional explanations may be found. Section 2 examines inputs committed to farm production in terms of farm numbers, land, labor, expenses on input categories, input prices and quantity indexes. Section 3 presents the production, prices and shares of major crop and livestock items in North Carolina. Section 4 shows acreage, yield production, price and value of the major crops. Section 5 includes animal numbers, production, price and value of major livestock and poultry products.

References

AGRICULTURAL PRICES, Pr 1(1-90) and earlier January issues, National Agricultural Statistics Service, U.S. Department of Agriculture, Washington. (Referenced as AGPRICES.)

CENSUS OF AGRICULTURE, 1950, 1954, 1959, 1964, 1969, 1974, 1978, 1982, 1987. U.S. Census Bureau, Department of Commerce, Washington. (Referenced as CENSUS.)

ECONOMIC INDICATORS OF THE FARM SECTOR: STATE FINANCIAL SUMMARY (1987, and earlier annual issues). Agriculture and Rural Economy Division, Economic Research Service, U.S. Department of Agriculture, Washington. (Referenced as EIFS.)

NORTH CAROLINA AGRICULTURAL STATISTICS (1989, and earlier annual issues). North Carolina Agricultural Statistics Division, North Carolina Department of Agriculture, Raleigh. (Referenced as NCAS.)

An electronic database containing the information in this report has been compiled and is available from the authors by special arrangement.

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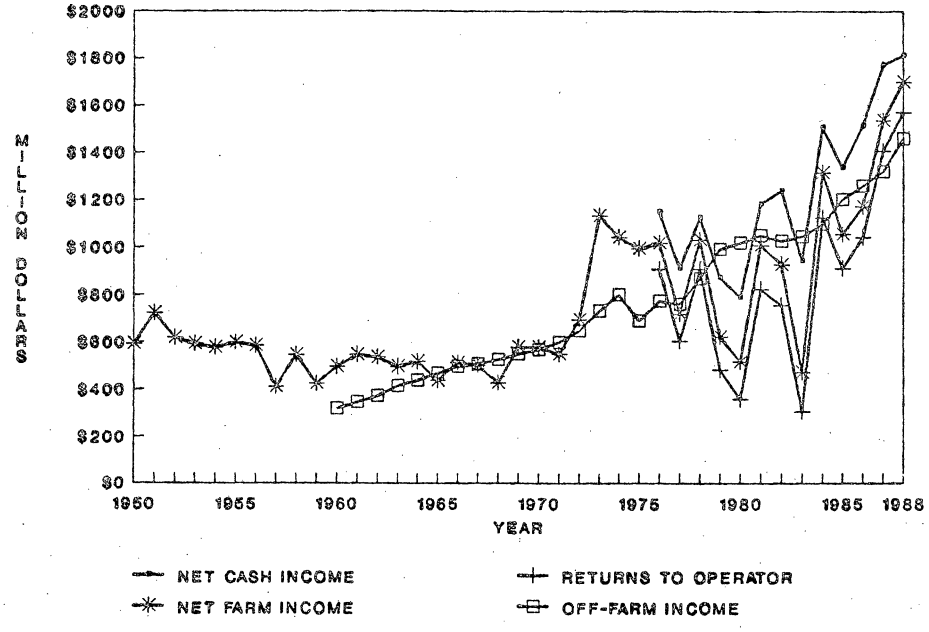
Figure 1.1
NET FARM INCOME INDICATORS,
NORTH CAROLINA



FARM INCOME INDICATORS

The farm income indicators included here correspond to usual individual firm income concepts but applied to the North Carolina farm sector as a whole. The numbers are estimated at the aggregate level by the USDA rather than being the sum of data for individual farms. "Net farm income" (col. 11) and "returns to operators" (col. 8) differ in that the latter excludes the imputed rental value of operator dwellings and expenses related to those dwellings. The third indicator, "net cash income" (col. 3), measures total cash available for debt service and family expenses. The figures in Table 1.1 are in nominal dollars (unadjusted for inflation).

Net farm income exhibited no trend and little variability between 1950 and 1970. Since then income has trended upward but has been much more variable with the more turbulent conditions in the general economy. The low incomes of 1979 and 1980 were due primarily to increases in interest and energy expenses, while those of 1983 were due not only to these factors but also to bad yields. Combinations of low prices and low yields suppressed income in 1985 and 1986. Adjusted for inflation, the trend in net farm income would be slightly downward over the entire period. The number of farms has fallen at a much faster rate than real income, however, so income per farm has risen in both nominal and real terms. Off-farm income of farm families (col. 12) has remained approximately equal to net farm income over the past 25 years.

USDA implemented major changes in data collection and reporting procedures in 1976, which permitted more detailed statements of state-level farm income. The improvements included a reconciliation of cash and non-cash items, separation of income and expenses related to operators' dwellings, and separation of cash labor payments from perquisites in lieu of cash. The large amount of missing data in Tables 1.1-1.3 reflect the unavailability of this detail for years prior to 1976.

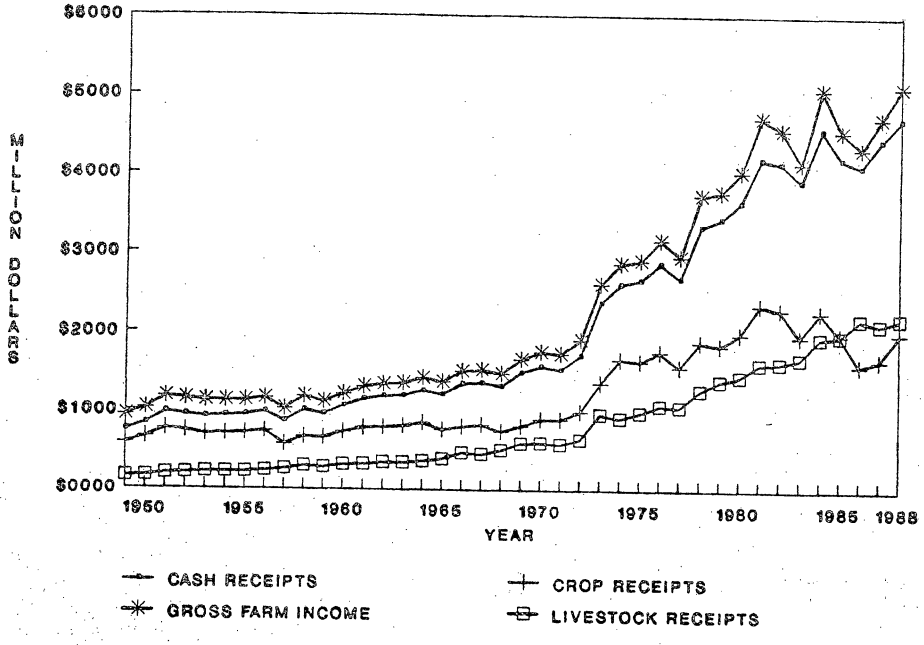
Table 1.1 NET FARM INCOME INDICATORS

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	EXCLUDING OPERATOR DWELLINGS								INCLUDING OPR. DWELLINGS			OFF-
	CASH INCOME			CAPITAL	BUSINESS	ALL	ALL	RET. TO	TOTAL	TOTAL	NET FARM	FARM
YEAR	RECEIPTS	EXPENSES	NET	CONS.	INCOME	RECEIPTS	EXPENSES	OPERATOR	RECEIPTS	EXPENSES	INCOME	INCOME
	(17)	(A)	(1-2)	(32-37)	(3-4)	(23)	(39)	(6-7)	(24)	(34)	(9-10)	
	(MILLION DOLLARS)											
1949	747	.	.	.	.	.	.	.	923	406	517	.
1950	839	.	.	.	.	.	.	.	1027	433	594	.
1951	976	.	.	.	.	.	.	.	1216	492	724	.
1952	950	.	.	.	.	.	.	.	1141	521	620	.
1953	928	.	.	.	.	.	.	.	1116	524	592	.
1954	943	.	.	.	.	.	.	.	1113	537	576	.
1955	949	.	.	.	.	.	.	.	1159	561	599	.
1956	991	.	.	.	.	.	.	.	1174	590	584	.
1957	871	.	.	.	.	.	.	.	1004	593	411	.
1958	1015	.	.	.	.	.	.	.	1195	650	544	.
1959	963	.	.	.	.	.	.	.	1116	691	425	.
1960	1066	.	.	.	.	.	.	.	1214	719	495	318
1961	1155	.	.	.	.	.	.	.	1312	767	545	344
1962	1191	.	.	.	.	.	.	.	1344	808	536	372
1963	1201	.	.	.	.	.	.	.	1364	870	494	414
1964	1264	.	.	.	.	.	.	.	1426	910	516	437
1965	1217	.	.	.	.	.	.	.	1366	929	438	466
1966	1351	.	.	.	.	.	.	.	1515	1005	511	496
1967	1366	.	.	.	.	.	.	.	1545	1044	500	505
1968	1321	.	.	.	.	.	.	.	1466	1040	426	525
1969	1491	.	.	.	.	.	.	.	1676	1098	578	549
1970	1573	.	.	.	.	.	.	.	1761	1184	577	567
1971	1537	.	.	.	.	.	.	.	1740	1191	549	598
1972	1704	.	.	.	.	.	.	.	1908	1213	696	648
1973	2379	.	.	.	.	.	.	.	2666	1533	1133	732
1974	2611	.	.	.	.	.	.	.	2882	1840	1042	801
1975	2660	.	.	.	.	.	.	.	2907	1909	997	690
1976	2868	1719	1150	310	840	2954	2047	908	3159	2140	1019	774
1977	2681	1769	911	346	566	2736	2134	602	2958	2238	720	761
1978	3337	2211	1127	360	766	3496	2586	910	3733	2701	1033	869
1979	3434	2559	875	435	440	3493	3010	482	3769	3147	622	994
1980	3636	2846	790	480	310	3702	3343	359	4022	3506	516	1019
1981	4188	3004	1184	516	668	4360	3536	824	4714	3706	1008	1051
1982	4140	2902	1238	528	710	4207	3452	755	4558	3632	927	1028
1983	3906	2962	944	509	435	3792	3485	307	4144	3672	472	1045
1984	4558	3052	1506	490	1016	4684	3558	1126	5067	3752	1315	1099
1985	4198	2863	1335	431	904	4219	3308	911	4549	3492	1057	1202
1986	4104	2590	1514	383	1131	4030	2985	1045	4328	3155	1173	1260
1987	4441	2668	1773	335	1438	4425	3017	1408	4718	3180	1538	1320
1988	4704	2891	1813	346	1467	4820	3250	1570	5108	3408	1700	1459

SOURCE: Economic Indicators of the Farm Sector (EIFS)

NOTES: Numbers in brackets in the fifth line of the heading indicate the column number(s) of the data source.
(A) = (25+26+27+28+31+33+35+36+38).

Figure 1.2
FARM INCOME COMPONENTS,
NORTH CAROLINA



FARM INCOME COMPONENTS

Cash receipts from farm marketings normally constitute over 90 percent of gross farm income. Receipts from livestock products (here and elsewhere "livestock" includes poultry) have grown more rapidly than those from crops, finally surpassing them in the last few years. Farm forest products are the primary component of other cash receipts (col. 16), along with machine hire/customwork, recreational income, and other farm business-related income. Gross receipts of farms (col. 23) includes cash receipts plus inventory change, the value of home consumption, and the rental value of renters' dwellings. Gross farm income (col. 24) adds to this the imputed rental value of operators' dwellings.

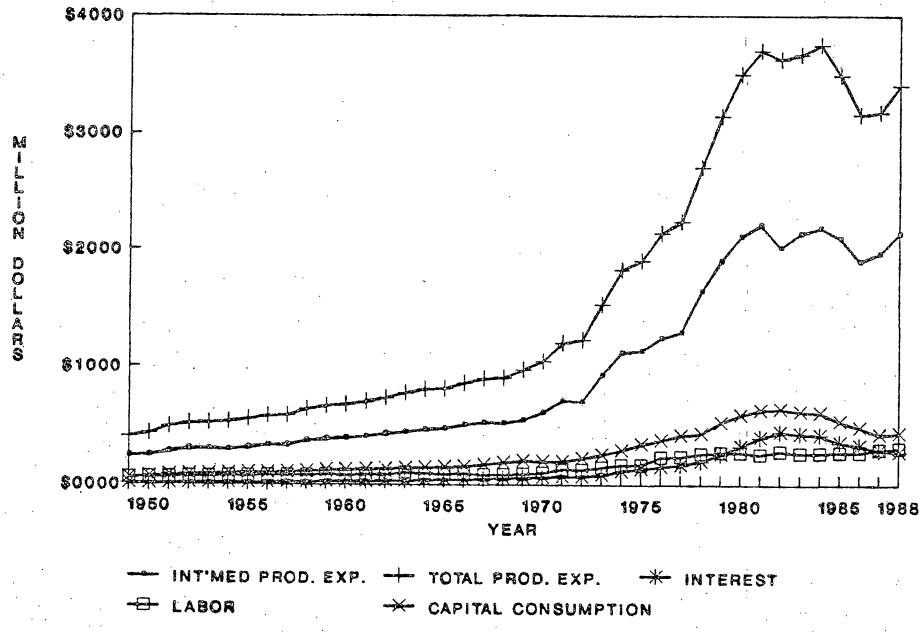
Table 1.2 FARM INCOME COMPONENTS

	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
	CASH FARM RECEIPTS					INV.	NON-CASH INCOME				GROSS	GROSS
							HOME	RENT VALUE DWELLINGS			RECEIPTS	FARM
YEAR	CROPS	LVSTK	GOVT	OTHER	TOTAL	CHANGE	CONSUM.	OPERATOR	LABORERS	TOTAL	OF FARMS	INCOME
			(45)		(B)					(C)	(D)	(E)
	(MILLION DOLLARS)											
1949	583	156	8	0	747	-19	.	.	.	194	.	923
1950	665	165	9	0	839	-1	.	.	.	189	.	1027
1951	770	198	8	1	976	36	.	.	.	204	.	1216
1952	739	203	7	2	950	-14	.	.	.	205	.	1141
1953	700	222	4	2	928	-12	.	.	.	200	.	1116
1954	710	224	6	3	943	-15	.	.	.	185	.	1113
1955	716	222	7	3	949	29	.	.	.	182	.	1159
1956	741	236	11	4	991	12	.	.	.	172	.	1174
1957	579	261	26	4	871	-27	.	.	.	160	.	1004
1958	672	300	38	6	1015	7	.	.	.	173	.	1195
1959	663	283	11	6	963	-6	.	.	.	160	.	1116
1960	735	312	13	6	1066	-5	.	.	.	152	.	1214
1961	792	325	32	6	1155	-3	.	.	.	159	.	1312
1962	798	347	40	7	1191	-2	.	.	.	155	.	1344
1963	811	351	32	7	1201	6	.	.	.	157	.	1364
1964	856	365	35	8	1264	5	.	.	.	157	.	1426
1965	767	398	43	9	1217	-10	.	.	.	158	.	1366
1966	803	476	63	10	1351	4	.	.	.	160	.	1515
1967	832	461	62	11	1366	20	.	.	.	159	.	1545
1968	742	505	62	12	1321	-13	.	.	.	159	.	1466
1969	812	596	70	13	1491	18	.	.	.	167	.	1676
1970	900	601	60	12	1573	8	.	.	.	181	.	1761
1971	901	581	41	14	1537	13	.	.	.	191	.	1740
1972	997	636	58	14	1704	1	.	.	.	203	.	1908
1973	1362	964	36	17	2379	55	.	.	.	231	.	2666
1974	1663	919	8	21	2611	14	.	.	.	257	.	2882
1975	1637	989	9	25	2660	-1	.	.	.	247	.	2907
1976	1757	1077	8	27	2868	18	62	204	6	272	2954	3159
1977	1568	1062	22	29	2681	-6	56	222	6	284	2736	2958
1978	1883	1274	35	146	3337	107	47	238	5	289	3496	3733
1979	1840	1389	8	196	3434	-5	60	276	4	340	3493	3769
1980	1980	1447	13	196	3636	12	49	319	4	373	3702	4022
1981	2350	1604	16	218	4188	120	48	354	4	407	4360	4714
1982	2294	1621	17	209	4140	23	39	352	5	396	4207	4558
1983	1950	1679	67	209	3906	-155	37	352	5	394	3792	4144
1984	2260	1938	72	288	4558	87	34	384	5	423	4684	5067
1985	1973	1958	43	224	4198	-14	31	330	4	366	4219	4549
1986	1588	2171	90	254	4104	-109	31	299	4	333	4030	4328
1987	1658	2111	190	482	4441	-46	26	292	4	323	4425	4718
1988	1994	2179	146	385	4704	87	26	288	4	317	4821	5108

SOURCE: EIFS

NOTES: (B) = (13+14+15+16); (C) = (19+20+21); (D) = (17+18+19+21); (E) = (20+23).

Figure 1.3
FARM EXPENSE COMPONENTS,
NORTH CAROLINA



FARM EXPENSE COMPONENTS

The primary farm expense category, intermediate product expenses (col. 25), consists of two categories detailed in Table 2.3A: farm-produced inputs (feed, livestock and seed) and manufactured inputs (fertilizers, chemicals, energy, etc.). Other categories are interest, labor (hired labor only, with value of perquisites), capital consumption, taxes and net rent paid to non-operator landlords. Expenses rose rapidly during the inflationary 1970s, but have been declining or constant over the past five years. Interest expenses spiralled between 1974 and 1984, subsiding since then because both interest rates and farm debt have diminished. It is notable also that capital consumption (depreciation) has fallen since 1982, a reflection of the diminishing capital base (Table 1.5A). Labor expenses, which had grown rapidly with inflation in the 1970s, have remained relatively constant during the 1980s.

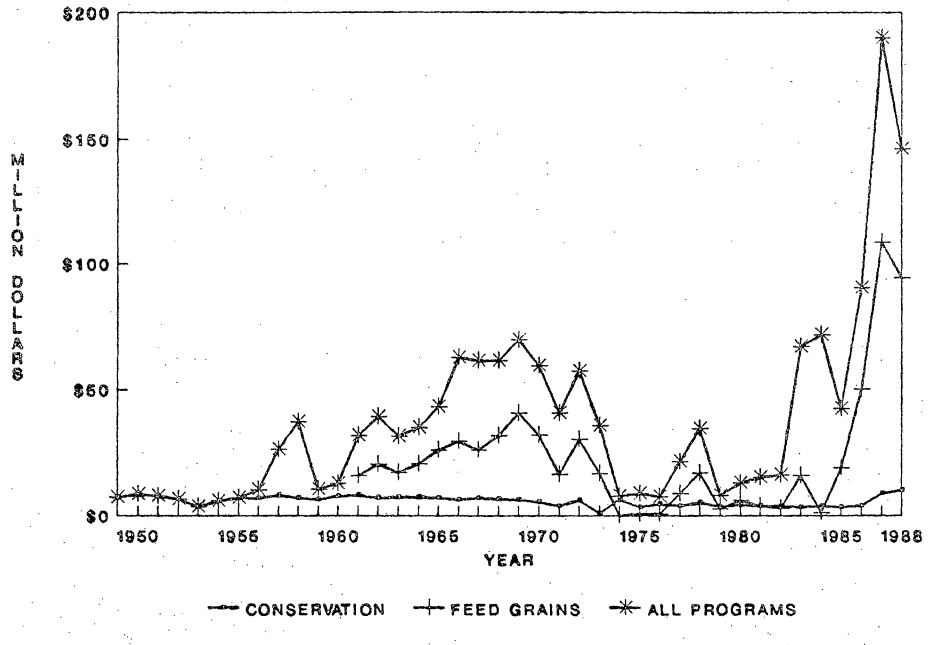
Table 1.3 FARM EXPENSE COMPONENTS

	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)
											OPERATOR DWELLING EXPENSES				
	INTERMED.	INTEREST					NET			TOTAL	INTERM.				ADJUSTED TOTAL
	PRODUCT	REAL	NON-REAL	LABOR			RENT	CAPITAL	PROP.	PROD.	PROD.		CAP.	PROPERTY	PRODUCT.
YEAR	EXPENSES	ESTATE	ESTATE	CASH	PERQ.	TOTAL	PAID	CONSUM.	TAXES	EXP.	EXP.	INT.	CONS.	TAX	EXPENSES
						(28+29)				(F)					(G)
	(MILLION DOLLARS)														
1949	241	5	4	.	.	58	27	57	12	406	.	.	.	.	.
1950	246	5	5	.	.	62	37	66	13	433	.	.	.	.	.
1951	276	6	6	.	.	65	46	78	14	492	.	.	.	.	.
1952	299	7	6	.	.	68	39	84	14	521	.	.	.	.	.
1953	298	8	7	.	.	69	34	90	15	524	.	.	.	.	.
1954	297	9	7	.	.	73	37	94	15	537	.	.	.	.	.
1955	312	9	8	.	.	72	35	102	15	561	.	.	.	.	.
1956	329	10	8	.	.	79	40	101	15	590	.	.	.	.	.
1957	334	11	9	.	.	80	28	105	16	593	.	.	.	.	.
1958	370	12	10	.	.	80	36	113	16	650	.	.	.	.	.
1959	384	13	11	.	.	83	30	123	18	691	.	.	.	.	.
1960	389	14	13	.	.	80	37	122	19	719	.	.	.	.	.
1961	406	15	12	.	.	85	40	124	20	767	.	.	.	.	.
1962	426	17	13	.	.	84	41	131	22	808	.	.	.	.	.
1963	444	18	15	.	.	99	42	135	24	870	.	.	.	.	.
1964	461	20	16	.	.	94	44	144	25	910	.	.	.	.	.
1965	473	22	18	.	.	90	36	147	26	929	.	.	.	.	.
1966	503	24	20	.	.	92	38	155	27	1005	.	.	.	.	.
1967	526	26	22	.	.	86	39	169	29	1044	.	.	.	.	.
1968	519	29	23	.	.	85	29	184	32	1040	.	.	.	.	.
1969	550	32	26	.	.	91	34	200	34	1098	.	.	.	.	.
1970	610	34	30	.	.	102	40	194	35	1184	.	.	.	.	.
1971	710	38	31	.	.	130	59	194	36	1191	.	.	.	.	.
1972	707	36	34	.	.	126	68	221	31	1213	.	.	.	.	.
1973	926	43	42	.	.	149	88	251	23	1533	.	.	.	.	.
1974	1116	55	60	.	.	171	92	289	38	1840	.	.	.	.	.
1975	1135	65	74	.	.	168	76	343	41	1909	.	.	.	.	.
1976	1240	74	79	213	18	231	97	372	46	2140	16	11	62	4	2046
1977	1285	81	89	220	19	239	82	414	48	2238	20	11	69	4	2134
1978	1637	93	109	245	15	261	120	434	48	2701	24	13	74	4	2586
1979	1901	119	141	258	17	275	131	527	54	3147	24	16	92	5	3010
1980	2112	146	179	259	17	276	146	589	58	3506	30	19	109	6	3343
1981	2213	178	223	241	16	258	144	631	60	3706	27	23	115	6	3536
1982	2016	212	236	259	22	282	190	641	56	3632	35	24	114	8	3452
1983	2137	223	211	257	15	271	144	622	63	3672	38	26	114	9	3485
1984	2185	225	194	255	16	271	209	609	59	3752	40	27	119	9	3558
1985	2099	206	154	259	14	273	159	538	64	3492	43	25	107	9	3308
1986	1898	190	139	263	12	275	105	484	63	3155	45	15	101	9	2985
1987	1965	168	128	286	15	301	131	426	62	3180	43	20	91	9	3017
1988	2140	155	124	297	14	311	182	435	61	3408	45	15	89	9	3250

SOURCE: EIFS

NOTES: (F) = (25+26+27+30+31+32+33); (G) = (34-35-36-37-38). Intermediate Product Expenses are detailed in Table 2.3.

Figure 1.4
GOVERNMENT PAYMENTS,
NORTH CAROLINA



GOVERNMENT PAYMENTS

Direct government payments to farmers in 1987 eclipsed those of previous years because of widespread participation in the federal feed grain and wheat program at the same time that conservation reserve payments began in earnest (included in col. 44). Even so, these payments constituted at most about 4 percent of cash receipts in 1987 compared to 10 percent for the nation's farmers as a whole.

Table 1.4 GOVERNMENT PAYMENTS BY PROGRAM

YEAR	(40) CONSERVATION	(41) FEED GRAIN	(42) WHEAT	(43) COTTON	(44) OTHER	(45) TOTAL {H}
	(THOUSAND DOLLARS)					
1949	7557	.	.	.	.	7557
1950	8800	.	.	.	.	8800
1951	8032	.	.	.	.	8032
1952	6790	.	.	.	.	6790
1953	3926	.	.	.	.	3926
1954	6107	.	.	.	.	6107
1955	7292	.	.	.	.	7292
1956	7018	.	.	.	3497	10515
1957	8151	.	.	.	18288	26439
1958	7163	.	.	.	30375	37538
1959	6486	.	.	.	4139	10625
1960	8036	.	.	.	4793	12829
1961	8285	16226	3128	.	4373	32012
1962	7219	20652	6042	.	5554	39467
1963	7636	17485	2207	.	4450	31778
1964	7519	20861	1203	2490	3083	35156
1965	7343	26326	3471	3682	2590	43412
1966	6527	29470	3159	20213	3447	62816
1967	7349	26272	2739	20675	4661	61696
1968	6783	31888	2840	15915	4166	61592
1969	6754	40919	5190	14143	2751	69757
1970	5799	32365	4779	14451	2288	59682
1971	4152	16689	5664	12491	2002	40998
1972	6245	30520	4802	14637	1325	57529
1973	1119	16858	3522	13133	1234	35866
1974	6584	126	6	328	1081	8125
1975	5528	847	85	1058	1361	8879
1976	4740	824	218	505	1497	7784
1977	3997	8874	2657	1160	4957	21645
1978	5327	17045	2692	2287	7407	34758
1979	3757	2791	51	307	1400	8306
1980	4313	6267	67	625	1915	13187
1981	4105	4038	3874	282	3248	15547
1982	3944	2998	1541	4815	3166	16464
1983	3437	16164	4147	4309	39030	67087
1984	3972	1285	4197	1640	60790	71884
1985	3653	19037	5310	9631	4903	42581
1986	3938	50357	9996	10076	15855	90279
1987	9025	108375	16612	10933	45149	190172
1988	10178	94479	11404	8608	21304	146023

SOURCE: EIFS

NOTES: {H} = {40+41+42+43+44}.

Figure 1.5A
BALANCE SHEET OF THE FARMING SECTOR IN CURRENT DOLLARS

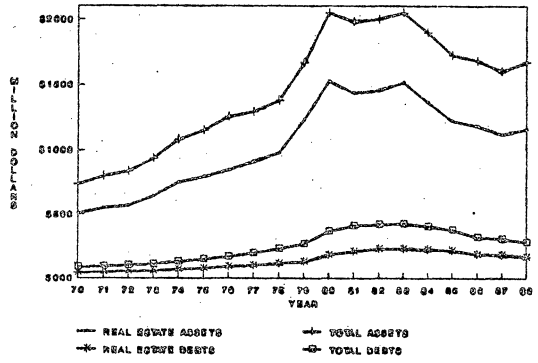
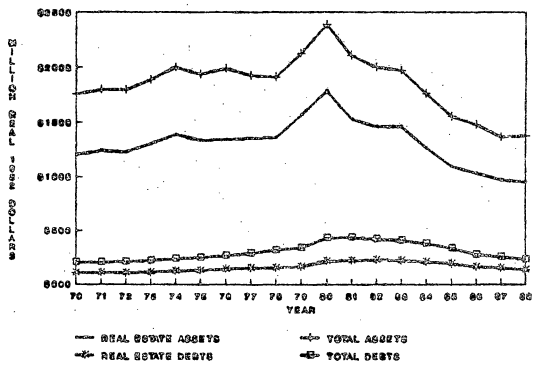


Figure 1.5B
BALANCE SHEET OF THE FARMING SECTOR IN 1982 DOLLARS



BALANCE SHEET OF THE FARMING SECTOR

The total value of farm assets peaked with the high value of farm land in 1980, and equity (the value of assets minus debts) peaked along with it. This is true whether expressed in nominal dollars or 1982 dollars. Real estate debt continued to rise for the next three years as farmers borrowed to cover higher interest payments out of lower net farm income. By 1988, the value of land had fallen 25 percent from 1980 levels, but total debt had also been reduced 30 percent from the 1983 high. Equity levels have been steady since the 1980-84 slide. It is also notable that the value of machinery and vehicles has fallen 30 percent since 1980 as farmers declined to replace aging equipment. In real terms (1982 dollars), farm equity has fallen more markedly since the 1980 peak.

Balance sheet data have been available for the United States farm sector for many decades, but it was not until 1970 that data collection procedures permitted USDA to calculate state-level balance sheets.

Table 1.5A BALANCE SHEET OF THE FARMING SECTOR (INCLUDING OPERATOR HOUSEHOLDS, IN CURRENT DOLLARS)

	ASSETS									DEBTS				
YEAR	REAL ESTATE	LVSTK & POULTRY	MACH. & VEHICLES	CROPS	HOUSEHOLD EQUIP.	DEPOSITS & CURRENCY	U.S. BONDS	INVESTMENTS IN CO-OPS	TOTAL	REAL ESTATE	NON REAL ESTATE	CCC LOANS	TOTAL	EQUITY
	(MILLION DOLLARS)													
1970	5062	227	937	122	365	388	142	131	7374	446	391	11	848	6526
1971	5491	227	1031	126	405	419	140	142	7981	471	423	7	901	7080
1972	5702	254	1098	137	421	434	143	160	8349	512	466	10	988	7361
1973	6454	311	1178	167	463	443	148	178	9342	560	514	11	1085	8257
1974	7494	422	1327	293	466	462	142	205	10811	662	606	10	1278	9533
1975	7906	297	1617	346	490	463	156	237	11512	780	687	7	1474	10038
1976	8472	358	1885	246	481	623	234	271	12570	903	778	5	1686	10884
1977	9108	314	1718	248	413	634	211	315	12960	1011	930	8	1949	11011
1978	9794	364	1907	193	399	579	183	361	13780	1126	1135	22	2283	11497
1979	12297	535	2111	306	481	496	65	415	16704	1276	1360	22	2658	14046
1980	15276	691	2558	293	561	510	58	523	20470	1829	1831	20	3681	16789
1981	14397	631	2669	413	570	505	53	588	19825	2095	1967	41	4103	15722
1982	14585	667	2621	421	663	513	50	469	19989	2282	1932	66	4214	15776
1983	15180	592	2584	286	741	537	51	503	20475	2303	1923	33	4225	16250
1984	13662	626	2420	341	811	563	51	542	19014	2256	1822	27	4078	14935
1985	12206	594	2134	276	865	585	53	554	17267	2165	1581	98	3746	13520
1986	11840	586	1907	273	989	676	60	547	16878	1876	1322	.	3198	13679
1987	11152	613	1730	173	1011	699	64	591	16032	1791	1238	.	3029	13003
1988	11596	649	1708	254	1164	712	68	603	16754	1649	1176	.	2825	13928

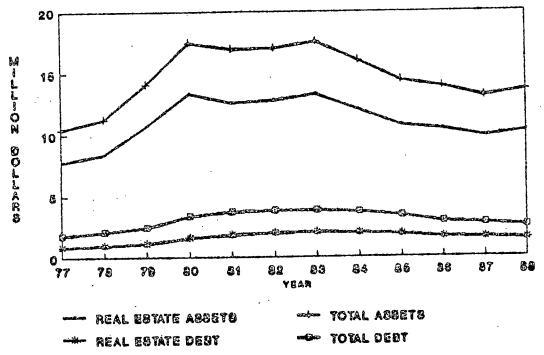
SOURCE: EIFS

Table 1.5B REAL BALANCE SHEET OF THE FARMING SECTOR (INCLUDING OPERATOR HOUSEHOLDS, IN 1982 DOLLARS)

	ASSETS									DEBTS				
YEAR	REAL ESTATE	LVSTK & POULTRY	MACH. & VEHICLES	CROPS	HOUSEHOLD EQUIP.	DEPOSITS & CURRENCY	U.S. BONDS	INVESTMENTS IN CO-OPS	TOTAL	REAL ESTATE	NON REAL ESTATE	CCC LOANS	TOTAL	EQUITY
	(MILLION DOLLARS)													
1970	12052	540	2231	290	869	924	338	312	17557	1062	931	26	2019	15538
1971	12367	511	2322	284	912	944	315	320	17975	1061	953	16	2029	15946
1972	12262	546	2361	295	905	933	308	344	17955	1101	1002	22	2125	15830
1973	13038	628	2380	337	935	895	299	360	18873	1131	1038	22	2192	16681
1974	13878	781	2457	543	863	856	263	380	20020	1226	1122	19	2367	17654
1975	13332	501	2727	583	826	781	263	400	19413	1315	1159	12	2486	16927
1976	13426	567	2987	390	762	987	371	429	19921	1431	1233	8	2672	17249
1977	13533	466	2553	368	614	941	313	469	19257	1503	1382	12	2896	16360
1978	13565	504	2641	267	553	802	254	500	19086	1559	1572	30	3162	15924
1979	15645	680	2685	389	612	631	83	527	21252	1623	1730	28	3382	17870
1980	17825	806	2985	342	654	595	68	610	23885	2134	2137	23	4295	19591
1981	15316	671	2839	440	606	537	56	626	21090	2228	2093	44	4365	16726
1982	14585	667	2621	421	663	513	50	469	19989	2282	1932	66	4214	15776
1983	14610	570	2487	275	713	517	49	484	19706	2216	1850	32	4066	15640
1984	12662	580	2243	316	752	522	47	502	17622	2091	1689	25	3779	13842
1985	10977	534	1919	248	778	527	48	498	15528	1947	1422	88	3369	12158
1986	10359	513	1668	239	865	591	52	509	14766	1641	1157	.	2798	11968
1987	9475	521	1470	147	859	594	54	527	13621	1522	1052	.	2573	11048
1988	9528	533	1403	209	956	585	56	495	13767	1355	966	.	2321	11445

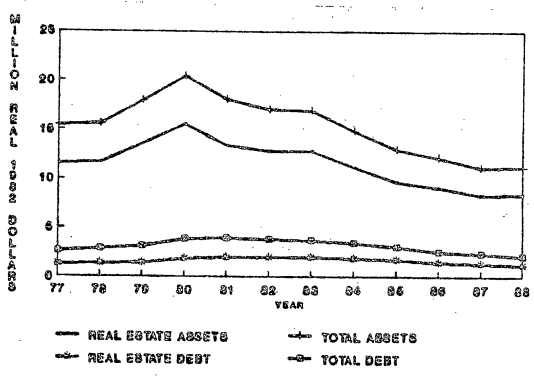
SOURCE: Table 1.5A data deflated by the implicit GNP Price Deflator (Table 2.4).

Figure 1.6A
BALANCE SHEET OF FARMS
IN CURRENT DOLLARS



(EXCLUDES FARM OPERATOR HOUSEHOLDS)

Figure 1.6B
BALANCE SHEET OF FARMS
IN 1982 DOLLARS



EXCLUDES FARM OPERATOR HOUSEHOLDS

BALANCE SHEET OF FARMS (EXCLUDING FARM HOUSEHOLDS)

Tables 1.6A and 1.6B reflect balance sheet data of the previous page but with deduction of the value of operators' dwellings, the household portion of automobiles and trucks, household equipment, time deposits, savings bonds, and related debt on those assets. These personal assets currently constitute a little less than 20 percent of all assets in the farming sector. The data collection revisions implemented by USDA in 1976 first permitted this separation of personal assets from farm assets.

Table 1.6A BALANCE SHEET OF FARMS (EXCLUDING FARM HOUSEHOLDS, IN CURRENT DOLLARS)

	ASSETS						DEBTS				
YEAR	REAL ESTATE	LVSTK & POULTRY	MACH. & VEHICLES	CROPS	FINANCIAL ASSETS	TOTAL	REAL ESTATE	NON REAL ESTATE	CCC	TOTAL	EQUITY
	(MILLION DOLLARS)										
1977	7786	314	551	248	517	10415	865	890	8	1762	8653
1978	8384	364	1742	193	557	11239	964	1081	22	2067	9173
1979	10667	535	1951	306	636	14095	1107	1295	22	2423	11671
1980	13323	691	2415	293	747	17469	1595	1734	20	3349	14120
1981	12573	631	2526	413	809	16952	1829	1861	41	3732	13221
1982	12756	667	2477	421	692	17013	1997	1828	66	3825	13188
1983	13294	592	2452	286	734	17559	2017	1819	33	3837	13522
1984	11981	626	2283	341	772	16001	1979	1724	27	3703	12298
1985	10720	594	2024	276	795	14408	1902	1493	98	3395	11013
1986	10412	586	1815	273	811	13897	1650	1246	.	2896	11001
1987	9821	613	1626	173	842	13074	1577	1165	.	2742	10332
1988	10226	649	1607	254	860	13597	1455	1109	.	2563	11033

SOURCE: EIFS

Table 1.6B REAL BALANCE SHEET OF FARMS (EXCLUDING FARM HOUSEHOLDS, IN 1982 DOLLARS)

	ASSETS						DEBTS				
YEAR	REAL ESTATE	LVSTK & POULTRY	MACH. & VEHICLES	CROPS	FINANCIAL ASSETS	TOTAL	REAL ESTATE	NON REAL ESTATE	CCC	TOTAL	EQUITY
	(MILLION DOLLARS)										
1977	11569	466	819	368	768	15475	1285	1322	12	2619	12857
1978	11612	504	2413	267	771	15567	1335	1497	30	2862	12705
1979	13572	680	2483	389	809	17932	1408	1647	28	3083	14849
1980	15546	806	2818	342	872	20384	1861	2023	23	3908	16476
1981	13376	671	2687	440	861	18034	1946	1980	44	3970	14065
1982	12756	667	2477	421	692	17013	1997	1828	66	3825	13188
1983	12795	570	2360	275	706	16900	1941	1751	32	3693	13015
1984	11104	580	2116	316	715	14829	1834	1598	25	3432	11398
1985	9640	534	1820	248	714	12956	1710	1343	88	3053	9904
1986	9109	513	1588	239	709	12158	1444	1090	.	2534	9625
1987	8344	521	1381	147	715	11108	1340	990	.	2330	8778
1988	8403	533	1320	208	707	11173	1196	911	.	2106	9066

SOURCE: Table 1.6A data deflated by the implicit GNP Price Deflator (Table 2.4).

Figure 2.1A
FARMS AND FARM SIZE
NORTH CAROLINA

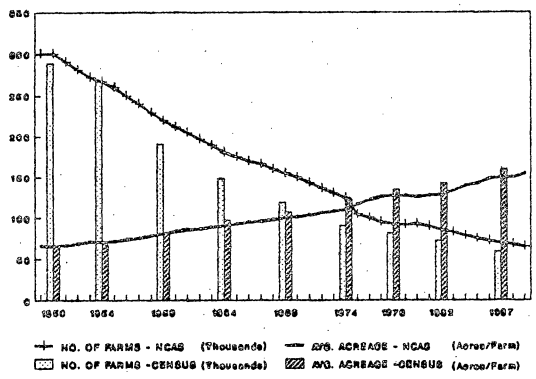
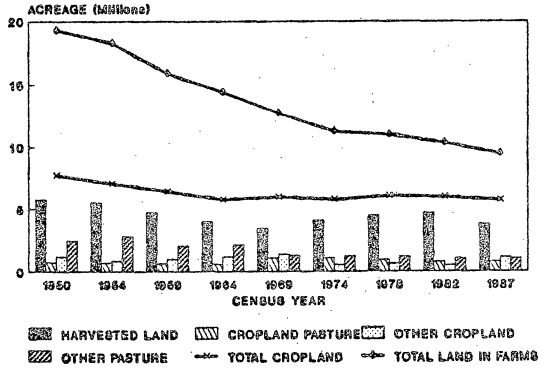


Figure 2.1B
LAND IN FARMS
NORTH CAROLINA



NUMBER OF FARMS AND LAND IN FARMS

Two of the primary factors of agricultural production are land and farm operators. The number of operators, which defines the number of farms, has declined by about 75 percent since 1950, and total land in farms has declined by about 50 percent. The reduction in cropland has been much less dramatic than the decline in farm numbers. Average farm size in acres per farm, shown in more detail in the next table, has more than doubled as a result of these changes.

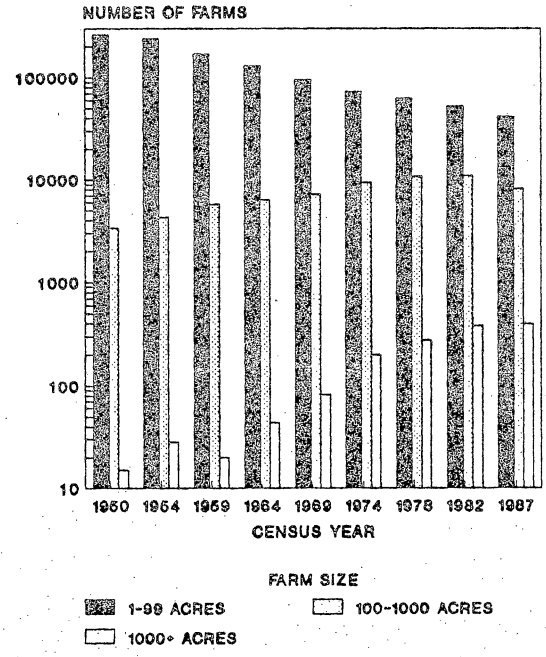
The definition of what constitutes a farm is somewhat arbitrary. The current U.S. Census definition is any place with actual or potential sales of agricultural products of $1,000 or more. While NCAS and Census use the same definition of a farm, their sources of data differ. Census attempts an enumeration, which is not perfect, and NCAS estimates are based on annual sample surveys.

Table 2.1 NUMBER OF FARMS AND LAND IN FARMS

	NCAS DATA			CENSUS DATA							
						LAND IN FARMS					
							CROPLAND				
YEAR	NO. OF FARMS	AVG. FARM SIZE	TOTAL ACRES IN FARMS	NO. OF FARMS	AVG. FARM SIZE	TOTAL	HARVESTED	PASTURE	OTHER	TOTAL	WOODLAND & OTHER PASTURE
	(1000)	(ACRES)	(---1000---)		(ACRES)	(----------(1,000 ACRES)----------)					
1949	301	66	19800								
1950	301	66	19900	289	67	19318	5782	733	1183	7698	2480
1951	291	67	19600								
1952	281	69	19400								
1953	272	71	19200								
1954	267	71	18900	268	68	18260	5504	702	848	7054	2790
1955	260	72	18700								
1956	250	74	18500								
1957	240	76	18300								
1958	230	79	18100								
1959	220	82	18000	191	83	15888	4746	674	996	6416	2065
1960	212	84	17800								
1961	205	86	17600								
1962	197	87	17100								
1963	189	89	16800								
1964	180	91	16400	148	97	14381	3986	601	1195	5782	2116
1965	175	93	16300								
1966	170	95	16200								
1967	166	96	15900								
1968	160	98	15700								
1969	155	100	15500	119	107	12734	3472	1114	1381	5967	1293
1970	150	101	15200								
1971	143	103	14800								
1972	136	106	14400								
1973	130	108	14000								
1974	124	110	13600	91	123	11244	4075	1099	578	5753	1264
1975	105	117	12300								
1976	100	122	12200								
1977	95	126	12000								
1978	93	127	11800	82	135	10999	4467	926	656	6049	1209
1979	92	127	11700								
1980	93	126	11700								
1981	90	127	11400								
1982	86	129	11100	73	142	10321	4659	806	484	5950	1054
1983	83	133	11000								
1984	79	139	11000								
1985	76	142	10800								
1986	73	148	10800								
1987	72	150	10800	59	159	9448	3779	783	1155	5716	1036
1988	70	150	10500								

SOURCE: NCAS, CENSUS

Figure 2.2
NUMBER OF FARMS BY ACRES HARVESTED
NORTH CAROLINA



NUMBER OF FARMS BY ACRES HARVESTED

The current Census definition of a farm clearly includes rural units with very little farming activity, of which there are many in North Carolina. The 75 percent decline in farm numbers in North Carolina between 1950 and the late 1980s is similar to the changes in the United States as a whole. These structural changes have been the result of a number of economic forces, including rising prices of labor relative to other factors and new technology, both of which have made it attractive to increase the amount of land and other inputs per worker. The number of farms with 200 acres or more has grown, and while these farms produce probably two-thirds of farm output, they still comprise only about 10 percent of all farms. The majority of farms are small operations with part-time operators.

Table 2.2 NUMBER OF FARMS BY ACRES HARVESTED

YEAR	1-49 ACRES	50-99 ACRES	100-199 ACRES	200-499 ACRES	500-999 ACRES	1000 + ACRES
1949						
1950	249698	13857	2625	690	68	15
1951						
1952						
1953						
1954	226348	15013	3360	872	82	28
1955						
1956						
1957						
1958						
1959	155859	15647	4356	1218	152	20
1960						
1961						
1962						
1963						
1964	118837	12513	4485	1593	265	44
1965						
1966						
1967						
1968						
1969	85427	9645	4616	2141	405	82
1970						
1971						
1972						
1973						
1974	63476	9776	5576	3163	654	199
1975						
1976						
1977						
1978	53638	9283	5835	3964	876	274
1979						
1980						
1981						
1982	44615	7475	5513	4217	1195	377
1983						
1984						
1985						
1986						
1987	36024	5544	3919	3203	1027	391
1988						

SOURCE: CENSUS

Figure 2.3A
INTERMEDIATE PRODUCT
(FARM ORIGIN) EXPENSES
CURRENT DOLLARS

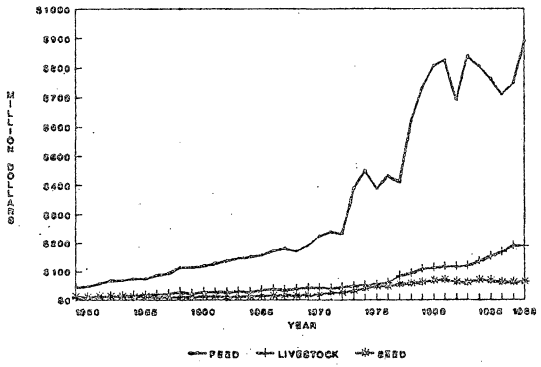
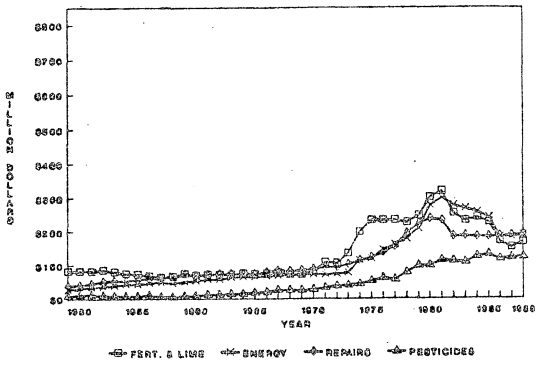


Figure 2.3B
INTERMEDIATE PRODUCT
(MANUFACTURING ORIGIN) EXPENSES
CURRENT DOLLARS



INTERMEDIATE PRODUCT EXPENSES

Intermediate products can be divided into those of farm origin (feed, livestock and seed) and those of manufacturing origin. Expenditures on items of farm origin are in large part income to other farmers, and the appropriate portions are included in income figures elsewhere in this publication. Items of farm origin constitute about half of intermediate product expenses and about a third of all farm costs (see Table 2.6).

Table 2.3A INTERMEDIATE PRODUCT EXPENSES (CURRENT DOLLARS)

YEAR	FEED	LIVE-STOCK	SEED	FERT. & LIME	PESTICIDES	FUEL & OIL	ELECTRICITY	REPAIRS	OTHER MISC.	TOTAL
						(MILLION DOLLARS)				
1949	43	8	11	82	8	25	2	39	24	241
1950	46	8	10	83	10	28	2	40	20	246
1951	57	11	11	83	11	31	2	45	25	276
1952	67	12	12	86	10	34	2	52	24	299
1953	67	13	11	80	8	37	2	54	26	298
1954	73	14	10	76	8	40	3	53	21	297
1955	74	16	11	74	8	41	2	57	27	312
1956	87	18	10	69	10	43	3	60	30	329
1957	94	20	10	65	7	45	3	61	30	334
1958	114	26	10	67	7	44	3	65	34	370
1959	115	20	10	75	9	47	3	72	35	384
1960	118	27	11	70	9	50	4	69	33	389
1961	127	26	11	71	11	53	4	72	33	406
1962	138	27	10	71	12	54	4	74	34	426
1963	147	29	11	72	13	58	4	74	36	444
1964	150	27	12	75	14	60	4	74	45	461
1965	157	33	14	74	17	61	4	73	42	473
1966	171	37	13	75	19	62	4	79	42	503
1967	180	33	16	79	25	64	4	84	42	526
1968	169	37	15	71	24	66	4	82	50	519
1969	192	42	16	71	24	67	4	85	49	550
1970	223	42	18	82	26	67	4	89	58	610
1971	238	40	25	109	31	67	5	94	102	710
1972	232	43	25	106	37	67	6	93	99	707
1973	389	48	32	135	39	72	6	102	102	926
1974	450	50	39	199	42	103	11	114	109	1116
1975	388	53	45	233	51	107	12	122	125	1135
1976	431	59	45	233	61	127	17	138	130	1240
1977	411	85	55	233	56	140	20	154	130	1285
1978	621	92	57	226	78	148	29	193	193	1637
1979	732	108	61	246	98	178	30	223	224	1901
1980	807	113	67	300	98	245	32	237	213	2112
1981	825	117	70	318	113	262	36	231	242	2213
1982	692	117	64	253	112	236	41	185	317	2016
1983	838	118	60	231	108	224	44	186	329	2137
1984	806	135	69	241	124	213	44	183	369	2185
1985	764	152	67	226	130	197	44	183	337	2099
1986	710	168	60	169	117	143	39	185	309	1898
1987	748	190	60	152	120	133	49	186	329	1965
1988	887	190	63	166	123	136	52	190	334	2140

SOURCE: EIFS

Figure 2.3C
INTERMEDIATE PRODUCT (FARM ORIGIN) EXPENSES
1982 DOLLARS

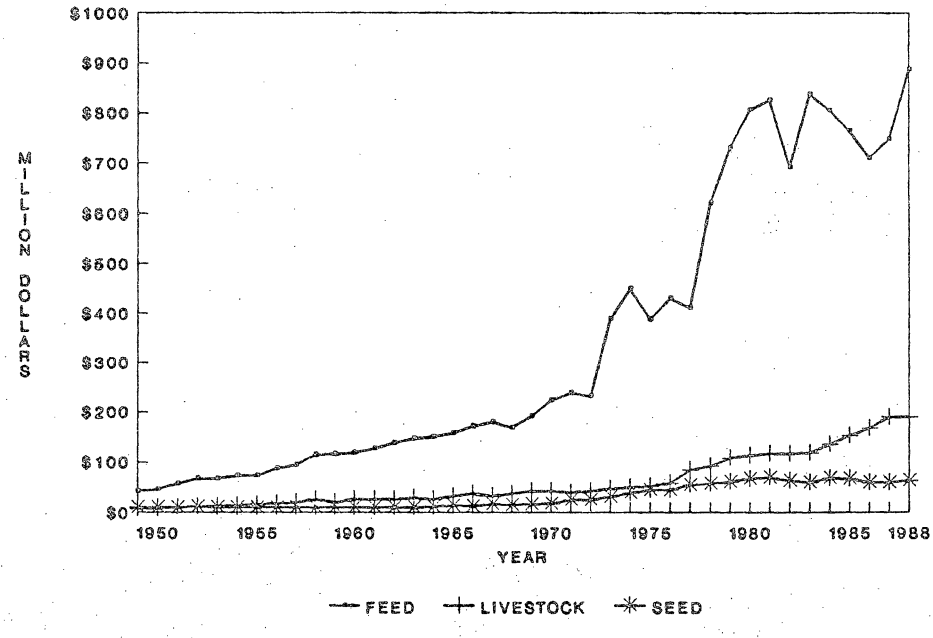


Figure 2.3D
INTERMEDIATE PRODUCT (MANUFACTURING ORIGIN) EXPENSES
1982 DOLLARS

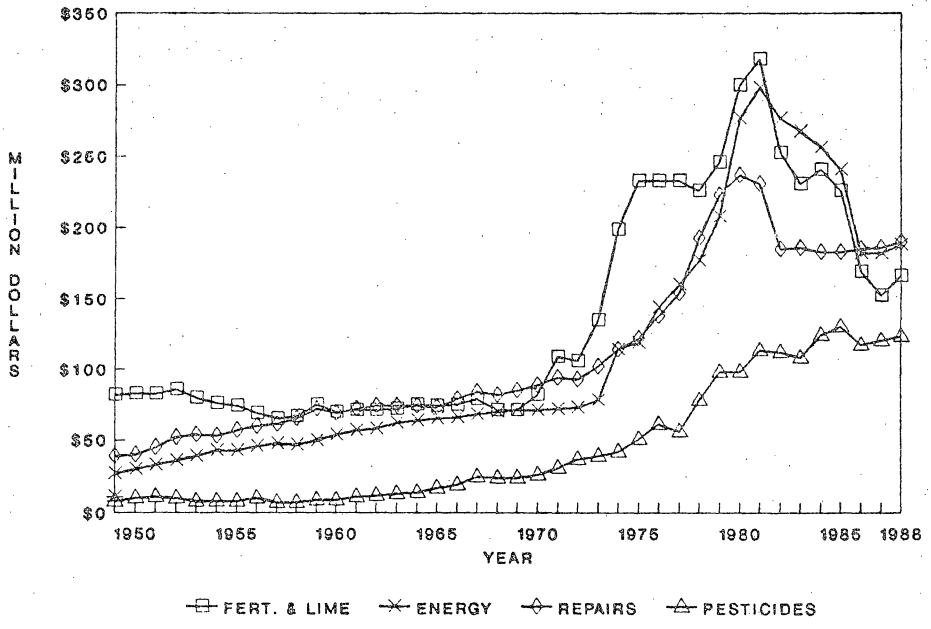
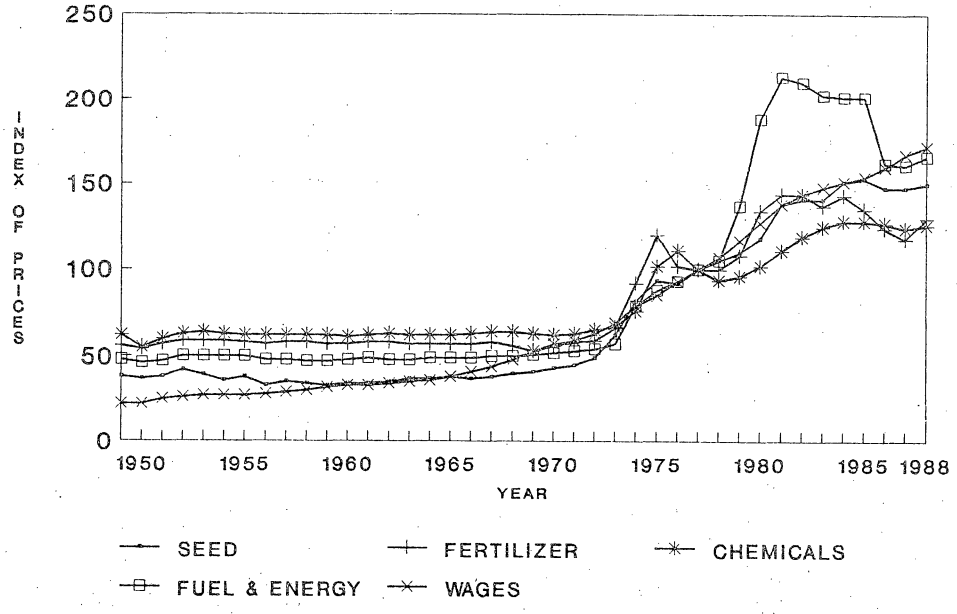


Table 2.3B INTERMEDIATE PRODUCT EXPENSES (1982 DOLLARS)

YEAR	FEED	LIVE-STOCK	SEED	FERT. & LIME	PESTICIDES	FUEL & OIL	ELECTRICITY	REPAIRS	OTHER MISC.	TOTAL
					(MILLION DOLLARS)					
1949	185	35	45	349	32	108	7	164	102	1027
1950	191	35	42	345	41	118	7	168	82	1030
1951	228	42	42	330	42	125	8	181	101	1099
1952	264	47	45	335	40	133	9	202	96	1171
1953	257	49	44	309	30	143	9	208	100	1149
1954	279	52	38	290	30	151	10	200	79	1128
1955	273	57	42	273	31	151	9	210	101	1147
1956	309	64	35	244	36	152	9	213	107	1169
1957	324	67	35	224	22	153	9	211	102	1148
1958	384	86	34	225	23	149	9	220	115	1244
1959	377	64	32	246	29	154	10	236	115	1264
1960	382	86	35	227	29	161	11	223	107	1260
1961	408	84	34	227	34	169	12	230	105	1303
1962	434	85	32	224	39	169	12	233	108	1335
1963	453	91	35	222	40	178	12	228	113	1371
1964	455	83	37	227	43	183	12	225	135	1400
1965	464	98	41	217	49	180	12	216	124	1401
1966	489	106	38	214	54	178	11	226	121	1438
1967	502	91	43	219	69	179	11	235	116	1465
1968	449	98	39	189	63	175	11	218	133	1376
1969	482	105	41	178	60	169	11	213	124	1382
1970	530	101	44	195	61	160	10	213	138	1452
1971	535	89	57	245	70	152	11	212	230	1600
1972	498	93	54	227	80	143	12	200	213	1520
1973	786	96	65	273	79	146	12	206	207	1871
1974	833	93	72	368	79	190	20	211	201	2067
1975	653	90	75	393	85	180	20	206	211	1914
1976	683	94	71	370	96	202	26	219	206	1966
1977	611	126	82	347	84	209	29	229	193	1909
1978	860	128	79	313	108	205	41	267	267	2267
1979	931	138	78	313	125	226	39	284	285	2418
1980	942	131	78	350	114	286	37	277	249	2464
1981	878	124	74	338	120	278	38	245	258	2355
1982	692	117	64	253	112	236	41	185	317	2016
1983	807	113	58	222	104	216	42	179	316	2057
1984	747	125	64	223	115	197	41	170	342	2025
1985	687	137	60	203	117	177	40	164	303	1888
1986	621	147	52	148	102	125	34	161	271	1662
1987	636	161	51	129	102	113	42	158	280	1670
1988	729	156	52	136	101	112	43	156	274	1759

SOURCE: Table 2.3A figures deflated by the implicit GNP price deflator (Table 4.2).

Figure 2.4
INDEXES OF INPUT PRICES
1977=100



INPUT PRICE INDEXES

A price index is a weighted average of prices of individual items in the index category. The indexes here show how prices in that category have changed relative to a base period. The broadest index is the GNP deflator, which is essentially an index of all goods in the economy. It is a measure of inflation in the economy, and it is used in this publication to adjust "nominal" dollars (those observed in any given year) to the purchasing power equivalent of 1982 dollars.

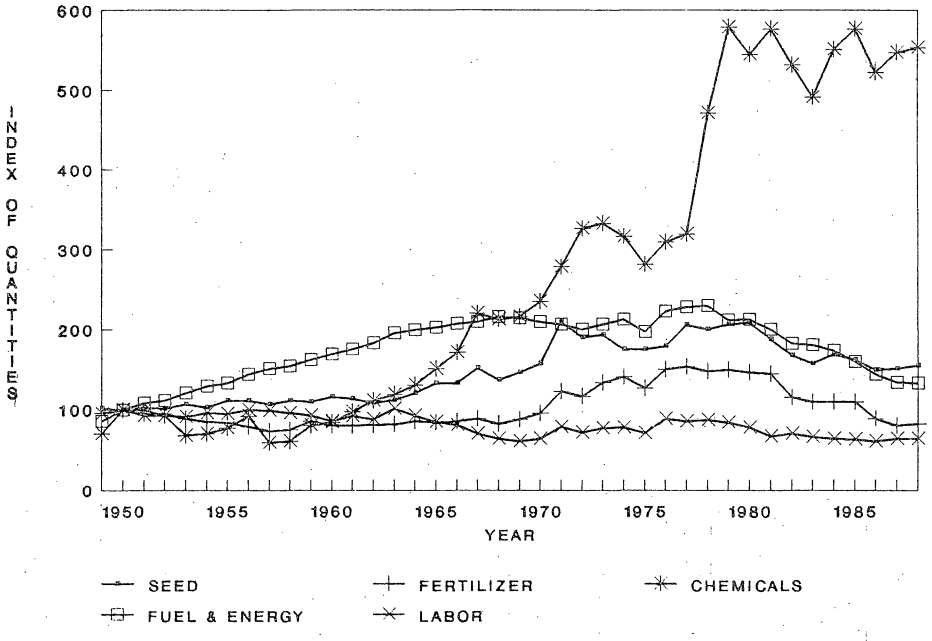
The period from 1950 to 1973 was one of relatively stable prices, with only wages showing a marked upward trend. More general price rises have occurred since then, along with more instability. The world oil price shocks of the mid-1970s and early 1980s had dramatic effects on prices of fertilizer and chemicals as well as of fuel and energy inputs.

Table 2.4 INDEXES OF INPUT PRICES, U.S.-WIDE (1977=100)

YEAR	GNP DEFLATOR	FEED	LIVE-STOCK	SEED	FERT.	CHEM-ICALS	FUEL & ENERGY	SUPPLIES	INTEREST	TAXES	WAGES	SERVICE & RENT
1949	24	52	56	38	56	62	48	44	5	18	22	.
1950	24	53	66	37	54	55	46	45	5	20	22	.
1951	25	59	80	38	57	60	47	48	6	21	25	.
1952	26	63	67	42	59	63	50	49	6	22	26	.
1953	26	57	48	39	59	64	50	49	7	23	27	.
1954	26	57	49	36	59	63	50	48	7	24	27	.
1955	27	53	49	38	58	62	50	48	8	25	27	.
1956	28	52	45	33	57	62	48	48	9	27	28	.
1957	29	51	51	35	58	62	48	49	10	29	29	.
1958	30	50	62	34	58	62	47	49	11	31	30	.
1959	30	50	62	33	57	62	47	49	12	33	32	.
1960	31	49	59	34	57	61	48	49	13	36	33	.
1961	31	49	58	34	58	62	49	50	14	38	33	.
1962	32	50	61	35	58	63	48	50	16	41	34	.
1963	32	52	57	37	57	62	48	50	18	42	35	.
1964	33	52	51	37	57	62	49	50	20	44	36	.
1965	34	52	56	38	57	62	49	60	23	46	38	.
1966	35	55	63	37	57	63	49	60	26	49	41	.
1967	36	53	61	38	58	64	50	61	29	53	44	.
1968	38	51	64	40	56	64	50	62	32	58	48	.
1969	40	52	71	41	53	63	51	63	36	63	53	.
1970	42	54	74	43	56	62	52	66	39	68	57	.
1971	44	56	76	45	58	63	53	68	43	72	59	49
1972	47	58	89	49	59	65	54	69	47	75	63	53
1973	50	87	114	62	66	67	57	73	56	77	69	59
1974	54	104	93	82	92	76	79	89	65	81	79	72
1975	59	100	85	94	120	102	88	102	77	87	85	86
1976	63	103	97	92	102	111	93	100	88	98	93	92
1977	67	100	100	100	100	100	100	100	100	100	100	100
1978	72	98	140	105	100	94	105	104	117	100	107	107
1979	79	110	185	110	108	96	137	115	143	107	117	117
1980	86	123	177	118	134	102	188	134	178	115	127	144
1981	94	134	164	138	144	111	213	147	216	123	138	157
1982	100	122	164	141	144	119	210	152	249	124	144	169
1983	104	134	160	141	137	125	202	152	258	129	148	145
1984	108	135	154	151	143	128	201	147	257	132	151	152
1985	111	116	154	153	135	128	201	146	238	133	154	150
1986	114	108	153	148	124	127	162	144	219	134	160	145
1987	118	103	179	148	118	124	161	144	207	136	167	146
1988	122	128	191	150	130	126	166	148	186	142	172	138

SOURCE: AG PRICES

Figure 2.5
INDEXES OF QUANTITIES OF INPUTS



INDEXES OF QUANTITIES OF INPUTS

The years 1978-80 marked a change in the pattern of farm input use. The use of pesticides nearly doubled and the use of virtually every other input began a steady ten-year decline. The primary reason for the increase in use of pesticides was the sharp rise in the price of other outputs, especially fuel and energy. Farmers found it possible and profitable to substitute new chemicals for these other inputs. Over the past decade, declines in the use of seed, fertilizer and fuel have been 25 to 50 percent, even though crop acreage has declined only 15 percent.

Table 2.5 INDEXES OF QUANTITIES OF INPUTS (1950=100)

YEAR	FEED	LIVESTOCK	SEED	FERTILIZER	PESTICIDES	ENERGY	LABOR
1949	97	116	102	96	70	86	95
1950	100	100	100	100	100	100	100
1951	112	105	103	95	100	108	93
1952	124	141	101	95	93	111	93
1953	136	212	107	89	68	121	91
1954	149	224	103	85	70	129	96
1955	163	252	111	84	77	133	95
1956	193	320	111	79	92	144	100
1957	215	304	107	73	59	151	99
1958	264	328	111	75	61	154	96
1959	266	251	110	86	80	162	93
1960	279	357	116	80	84	169	86
1961	302	359	114	80	97	175	92
1962	321	353	108	81	111	183	88
1963	327	410	112	82	119	195	101
1964	334	424	121	86	131	199	93
1965	350	469	133	84	151	202	85
1966	361	470	133	86	171	207	81
1967	394	425	152	89	220	209	70
1968	385	460	137	83	212	215	64
1969	428	467	146	88	215	214	61
1970	478	456	157	96	235	209	64
1971	492	414	209	123	278	206	79
1972	463	388	190	117	326	200	72
1973	519	333	193	134	332	206	77
1974	502	428	175	141	316	212	78
1975	449	499	175	127	281	197	71
1976	485	484	179	150	309	222	89
1977	477	676	205	153	319	228	86
1978	735	523	200	148	471	229	87
1979	771	465	206	149	579	211	84
1980	761	506	208	146	545	212	78
1981	714	567	187	145	577	200	67
1982	658	569	167	115	532	182	70
1983	725	584	157	110	491	180	66
1984	692	695	169	110	551	173	64
1985	763	784	162	110	577	159	63
1986	762	871	149	89	522	144	61
1987	795	844	151	80	547	134	64
1988	798	821	155	83	553	133	64

SOURCE: Calculated by dividing current expenditure on category (Table 1.3 and Table 2.3) by the appropriate price index (Table 2.4), then dividing by the 1950 ratio.

Figure 2.6A
INPUT EXPENDITURE SHARES, 1978

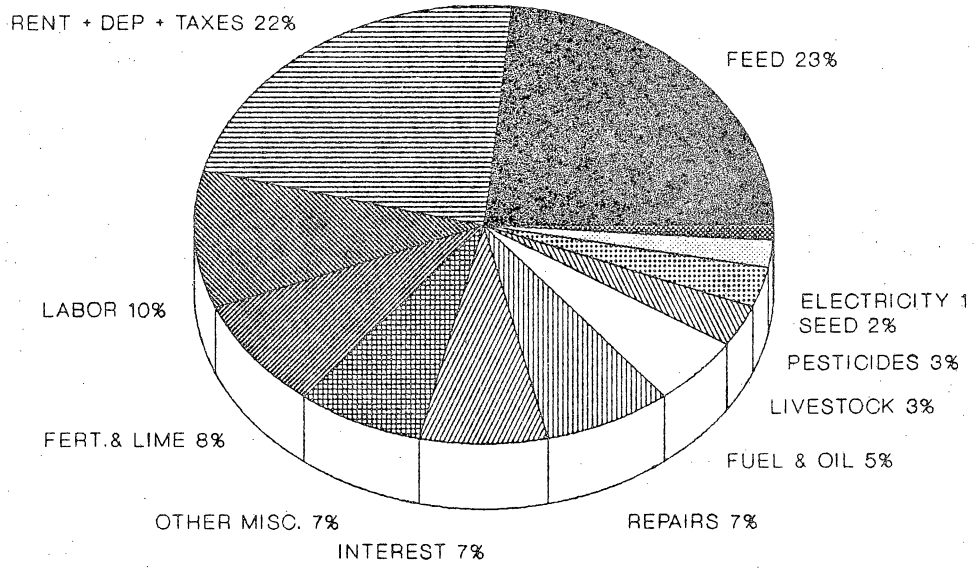


Figure 2.6B
INPUT EXPENDITURE SHARES, 1988

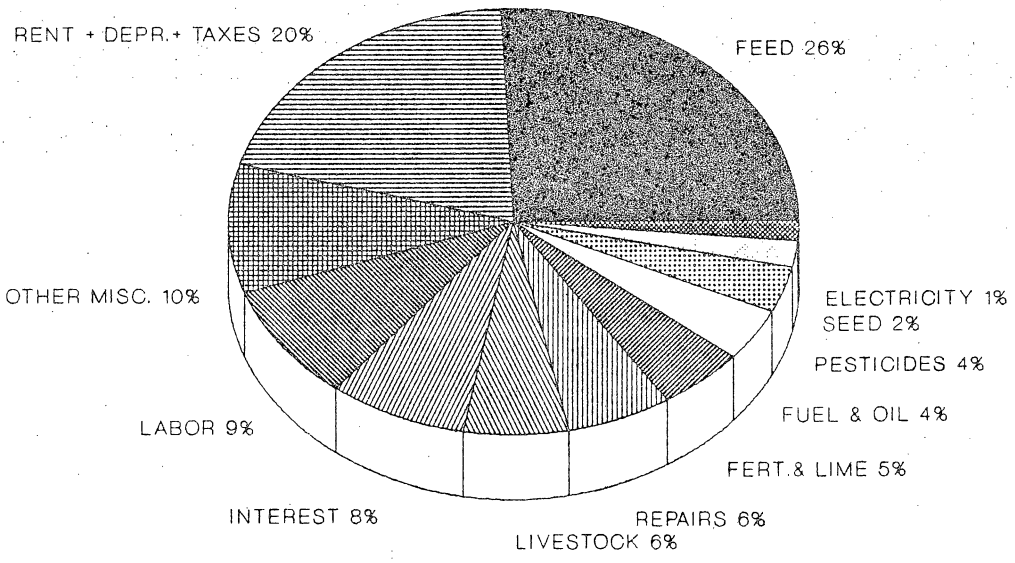


Table 2.6 INPUT EXPENDITURE SHARES

YEAR	FEED	LIVE-STOCK	SEED	FERT. LIME	PESTICIDES	FUEL & OIL	ELECTRICITY	REPAIRS	OTHER MISC.	INTEREST	LABOR	NET RENT	CAP. CONS.	PROP. TAXES
1949	0.11	0.02	0.03	0.20	0.019	0.06	0.004	0.10	0.06	0.02	0.14	0.07	0.14	0.03
1950	0.11	0.02	0.02	0.19	0.022	0.07	0.004	0.09	0.05	0.02	0.14	0.08	0.15	0.03
1951	0.12	0.02	0.02	0.17	0.022	0.06	0.004	0.09	0.05	0.02	0.13	0.09	0.16	0.03
1952	0.13	0.02	0.02	0.16	0.020	0.07	0.004	0.10	0.05	0.03	0.13	0.08	0.16	0.03
1953	0.13	0.02	0.02	0.15	0.015	0.07	0.004	0.10	0.05	0.03	0.13	0.06	0.17	0.03
1954	0.14	0.03	0.02	0.14	0.015	0.07	0.005	0.10	0.04	0.03	0.14	0.07	0.18	0.03
1955	0.13	0.03	0.02	0.13	0.015	0.07	0.004	0.10	0.05	0.03	0.13	0.06	0.18	0.03
1956	0.15	0.03	0.02	0.12	0.017	0.07	0.004	0.10	0.05	0.03	0.13	0.07	0.17	0.03
1957	0.16	0.03	0.02	0.11	0.011	0.08	0.005	0.10	0.05	0.03	0.14	0.05	0.18	0.03
1958	0.18	0.04	0.02	0.10	0.010	0.07	0.004	0.10	0.05	0.03	0.12	0.06	0.17	0.03
1959	0.17	0.03	0.01	0.11	0.013	0.07	0.004	0.10	0.05	0.04	0.12	0.04	0.18	0.03
1960	0.16	0.04	0.01	0.10	0.013	0.07	0.005	0.10	0.05	0.04	0.11	0.05	0.17	0.03
1961	0.17	0.03	0.01	0.09	0.014	0.07	0.005	0.09	0.04	0.04	0.11	0.05	0.16	0.03
1962	0.17	0.03	0.01	0.09	0.015	0.07	0.005	0.09	0.04	0.04	0.10	0.05	0.16	0.03
1963	0.17	0.03	0.01	0.08	0.015	0.07	0.004	0.08	0.04	0.04	0.11	0.05	0.16	0.03
1964	0.16	0.03	0.01	0.08	0.016	0.07	0.004	0.08	0.05	0.04	0.10	0.05	0.16	0.03
1965	0.17	0.04	0.01	0.08	0.018	0.07	0.004	0.08	0.05	0.04	0.10	0.04	0.16	0.03
1966	0.17	0.04	0.01	0.07	0.019	0.06	0.004	0.08	0.04	0.04	0.09	0.04	0.15	0.03
1967	0.17	0.03	0.01	0.08	0.024	0.06	0.004	0.08	0.04	0.05	0.08	0.04	0.16	0.03
1968	0.16	0.04	0.01	0.07	0.023	0.06	0.004	0.08	0.05	0.05	0.08	0.03	0.18	0.03
1969	0.17	0.04	0.01	0.06	0.022	0.06	0.004	0.08	0.04	0.05	0.08	0.03	0.18	0.03
1970	0.19	0.04	0.02	0.07	0.022	0.06	0.004	0.08	0.05	0.05	0.09	0.03	0.16	0.03
1971	0.20	0.03	0.02	0.09	0.026	0.06	0.004	0.08	0.09	0.06	0.11	0.05	0.16	0.03
1972	0.19	0.04	0.02	0.09	0.031	0.05	0.005	0.08	0.08	0.06	0.10	0.06	0.18	0.03
1973	0.25	0.03	0.02	0.09	0.026	0.05	0.004	0.07	0.07	0.06	0.10	0.06	0.16	0.02
1974	0.24	0.03	0.02	0.11	0.023	0.06	0.006	0.06	0.06	0.06	0.09	0.05	0.16	0.02
1975	0.20	0.03	0.02	0.12	0.027	0.06	0.006	0.06	0.07	0.07	0.09	0.04	0.18	0.02
1976	0.20	0.03	0.02	0.11	0.028	0.06	0.008	0.06	0.06	0.07	0.11	0.05	0.17	0.02
1977	0.18	0.04	0.02	0.10	0.025	0.06	0.009	0.07	0.06	0.08	0.11	0.04	0.19	0.02
1978	0.23	0.03	0.02	0.08	0.029	0.05	0.011	0.07	0.07	0.07	0.10	0.04	0.16	0.02
1979	0.23	0.03	0.02	0.08	0.031	0.06	0.010	0.07	0.07	0.08	0.09	0.04	0.17	0.02
1980	0.23	0.03	0.02	0.09	0.028	0.07	0.009	0.07	0.06	0.09	0.08	0.04	0.17	0.02
1981	0.22	0.03	0.02	0.09	0.030	0.07	0.010	0.06	0.07	0.11	0.07	0.04	0.17	0.02
1982	0.19	0.03	0.02	0.07	0.031	0.06	0.011	0.05	0.09	0.12	0.08	0.05	0.18	0.02
1983	0.23	0.03	0.02	0.06	0.029	0.06	0.012	0.05	0.09	0.12	0.07	0.04	0.17	0.02
1984	0.21	0.04	0.02	0.06	0.033	0.06	0.012	0.05	0.10	0.11	0.07	0.06	0.16	0.02
1985	0.22	0.04	0.02	0.06	0.037	0.06	0.012	0.05	0.10	0.10	0.08	0.05	0.15	0.02
1986	0.22	0.05	0.02	0.05	0.037	0.05	0.012	0.06	0.10	0.10	0.09	0.03	0.15	0.02
1987	0.24	0.06	0.02	0.05	0.038	0.04	0.015	0.06	0.10	0.09	0.09	0.04	0.13	0.02
1988	0.26	0.06	0.02	0.05	0.036	0.04	0.015	0.06	0.10	0.08	0.09	0.05	0.13	0.02

SOURCE: Calculated from Tables 1.3 and 2.3A.

Figure 3.1A
INDEXES OF PRODUCTION
NORTH CAROLINA

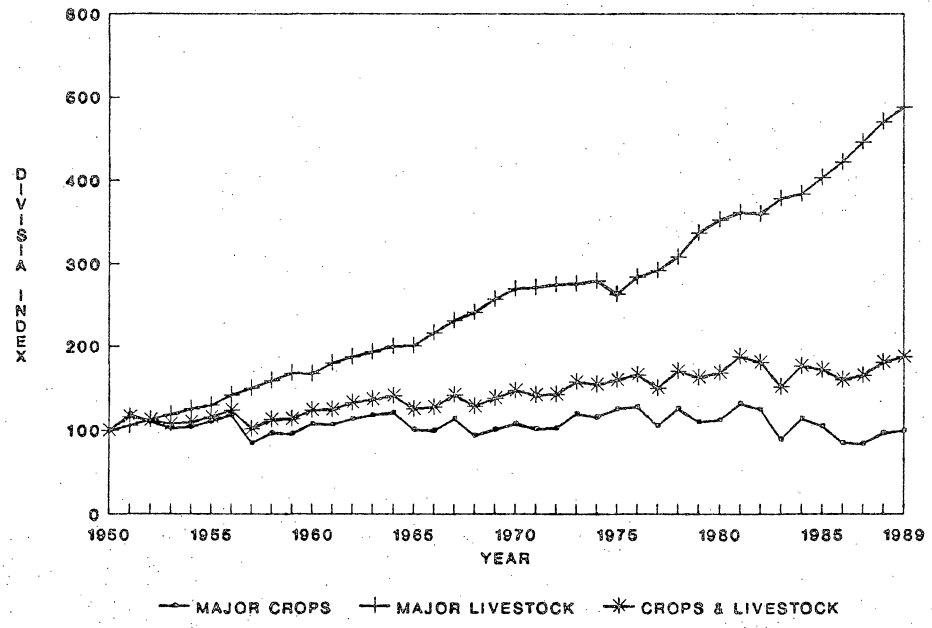


Figure 3.1B
INDEXES OF PRICES RECEIVED
NORTH CAROLINA

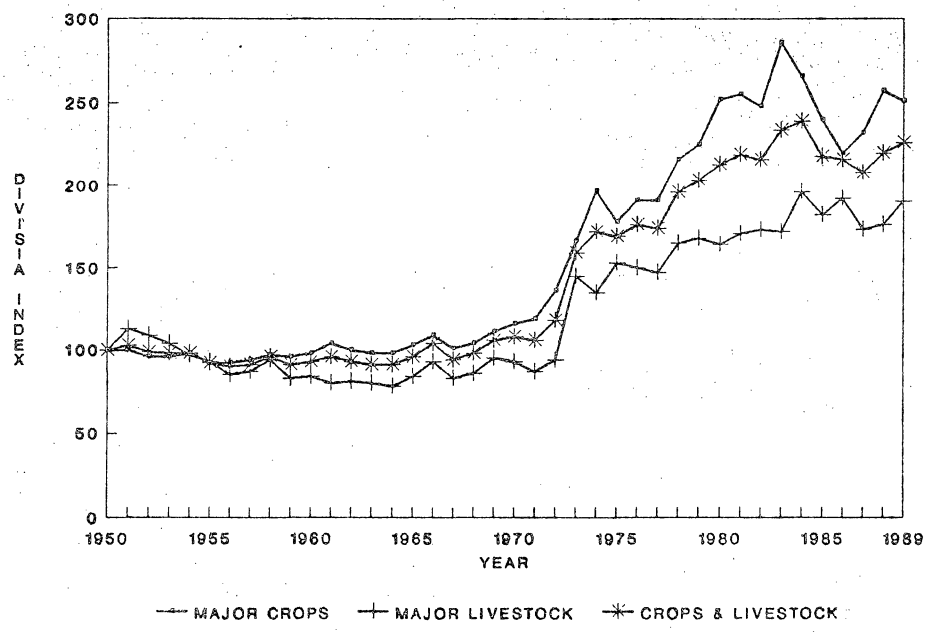


Table 3.1 VALUE OF PRODUCTION (MILLION DOLLARS), PRODUCTION AND PRICE INDEXES

	VALUE OF PRODUCTION			INDEXES OF PRODUCTION			INDEXES OF PRICES		
YEAR	CROPS	LIVESTOCK	TOTAL	CROPS	LIVESTOCK	TOTAL	CROPS	LIVESTOCK	TOTAL
1950	730	253	984	100	100	100	100	100	100
1951	866	304	1169	119	106	116	100	113	103
1952	769	313	1082	110	113	112	96	109	99
1953	720	312	1032	103	119	108	96	104	98
1954	741	309	1050	104	126	110	98	97	98
1955	749	306	1056	111	130	116	92	93	92
1956	786	307	1093	118	142	124	92	85	90
1957	582	332	914	85	150	102	94	87	91
1958	688	379	1067	97	159	113	97	94	96
1959	666	352	1017	96	168	114	96	83	91
1960	771	358	1129	108	167	124	98	84	93
1961	808	367	1176	107	180	125	104	80	96
1962	824	385	1209	114	187	133	100	81	93
1963	837	390	1226	118	193	137	98	80	91
1964	858	396	1254	121	200	141	98	78	91
1965	756	429	1185	101	201	126	103	84	96
1966	797	508	1304	100	216	128	109	93	104
1967	838	484	1322	114	231	142	101	83	94
1968	714	525	1239	94	241	129	104	86	98
1969	820	620	1440	101	257	138	111	95	106
1970	914	638	1552	108	270	147	116	93	108
1971	886	600	1486	102	271	142	119	87	106
1972	1016	655	1670	103	275	143	136	94	118
1973	1454	1010	2465	120	276	158	166	145	159
1974	1658	954	2611	116	279	155	197	135	172
1975	1645	1019	2665	126	263	160	178	153	169
1976	1790	1082	2872	128	284	166	191	150	176
1977	1480	1086	2566	106	292	150	191	147	174
1978	1987	1282	3269	126	308	170	216	165	196
1979	1806	1439	3246	110	337	163	225	168	203
1980	2066	1465	3531	112	353	168	252	164	213
1981	2460	1567	4027	132	362	187	255	171	219
1982	2267	1578	3845	125	360	181	248	173	216
1983	1848	1654	3503	89	379	152	286	172	234
1984	2215	1906	4121	114	384	176	266	196	239
1985	1838	1859	3698	105	403	172	240	182	218
1986	1361	2054	3416	85	422	160	220	192	216
1987	1412	1955	3367	84	446	165	232	173	208
1988	1818	2097	3915	97	470	181	257	176	220
1989	1816	2348	4161	100	488	187	251	190	226

SOURCE: Calculated from NCAS. All indexes are Tornquist-Theil indexes, using the average shares for successive years as weights. Prices are nominal.

Table 3.2 SHARES OF MAJOR CROPS IN VALUE OF AGRICULTURAL PRODUCTION

YEAR	CORN	COTTON	PEANUT	SMALL FRUITS	SOYBEANS	SWEET POTATO	TOBACCO	TREE FRUITS	VEGETABLES	WHEAT	ALL CROPS
1950	0.111	0.038	0.033	0.002	0.012	0.014	0.499	0.005	0.018	0.012	0.743
1951	0.096	0.091	0.033	0.002	0.012	0.009	0.462	0.005	0.015	0.016	0.740
1952	0.086	0.096	0.031	0.001	0.012	0.013	0.424	0.007	0.025	0.016	0.711
1953	0.089	0.071	0.031	0.001	0.010	0.012	0.446	0.004	0.017	0.015	0.698
1954	0.079	0.061	0.031	0.001	0.012	0.011	0.470	0.006	0.019	0.014	0.705
1955	0.082	0.053	0.025	0.001	0.010	0.010	0.501	0.000	0.016	0.013	0.710
1956	0.092	0.050	0.039	0.001	0.017	0.010	0.466	0.006	0.023	0.017	0.719
1957	0.087	0.037	0.033	0.001	0.019	0.013	0.403	0.008	0.020	0.015	0.637
1958	0.093	0.043	0.034	0.001	0.018	0.010	0.411	0.006	0.016	0.013	0.645
1959	0.092	0.047	0.029	0.001	0.019	0.009	0.412	0.006	0.022	0.017	0.654
1960	0.089	0.033	0.030	0.001	0.022	0.008	0.464	0.008	0.016	0.012	0.683
1961	0.074	0.040	0.029	0.002	0.025	0.007	0.472	0.006	0.015	0.017	0.688
1962	0.079	0.038	0.033	0.001	0.026	0.008	0.465	0.007	0.017	0.008	0.682
1963	0.086	0.047	0.031	0.001	0.031	0.007	0.447	0.008	0.016	0.009	0.682
1964	0.086	0.043	0.031	0.001	0.034	0.008	0.449	0.004	0.020	0.008	0.684
1965	0.104	0.027	0.040	0.002	0.040	0.009	0.379	0.008	0.025	0.006	0.638
1966	0.074	0.008	0.034	0.002	0.050	0.008	0.400	0.008	0.020	0.006	0.611
1967	0.097	0.005	0.032	0.001	0.051	0.006	0.404	0.008	0.022	0.008	0.634
1968	0.080	0.012	0.034	0.002	0.033	0.010	0.361	0.012	0.024	0.008	0.576
1969	0.087	0.008	0.031	0.001	0.038	0.010	0.358	0.009	0.021	0.007	0.569
1970	0.077	0.011	0.037	0.001	0.039	0.010	0.378	0.008	0.020	0.007	0.589
1971	0.075	0.013	0.031	0.001	0.046	0.010	0.382	0.008	0.022	0.010	0.596
1972	0.099	0.011	0.031	0.003	0.072	0.011	0.346	0.008	0.021	0.005	0.608
1973	0.122	0.019	0.032	0.003	0.079	0.009	0.290	0.007	0.022	0.007	0.590
1974	0.145	0.010	0.026	0.002	0.081	0.009	0.320	0.008	0.019	0.012	0.635
1975	0.117	0.005	0.028	0.002	0.058	0.011	0.359	0.008	0.020	0.009	0.617
1976	0.134	0.009	0.031	0.001	0.057	0.008	0.349	0.010	0.017	0.007	0.623
1977	0.076	0.005	0.036	0.002	0.067	0.015	0.340	0.011	0.020	0.005	0.577
1978	0.097	0.004	0.031	0.002	0.081	0.014	0.346	0.010	0.017	0.005	0.608
1979	0.120	0.004	0.023	0.003	0.091	0.011	0.268	0.011	0.017	0.009	0.557
1980	0.106	0.006	0.019	0.003	0.077	0.016	0.317	0.009	0.017	0.015	0.585
1981	0.101	0.007	0.039	0.002	0.070	0.016	0.332	0.008	0.017	0.018	0.611
1982	0.102	0.008	0.029	0.002	0.076	0.011	0.324	0.004	0.015	0.018	0.590
1983	0.087	0.004	0.023	0.002	0.074	0.020	0.278	0.008	0.017	0.014	0.528
1984	0.108	0.009	0.029	0.003	0.067	0.019	0.259	0.007	0.016	0.022	0.537
1985	0.092	0.008	0.033	0.001	0.053	0.012	0.257	0.006	0.017	0.017	0.497
1986	0.049	0.008	0.038	0.002	0.052	0.017	0.200	0.004	0.017	0.011	0.398
1987	0.044	0.009	0.033	0.004	0.056	0.014	0.219	0.009	0.019	0.014	0.419
1988	0.058	0.008	0.030	0.004	0.073	0.015	0.228	0.008	0.018	0.021	0.464
1989	0.056	0.010	0.027	0.003	0.059	0.015	0.226	0.005	0.014	0.021	0.436

SOURCE: Calculated from NCAS.

Table 3.3 SHARES OF MAJOR LIVESTOCK AND POULTRY PRODUCTS IN VALUE OF AGRICULTURAL PRODUCTION

YEAR	BEEF	BROILER	CHICKENS	EGGS	HOGS	MILK	TURKEYS	ALL LIVESTOCK AND POULTRY
1950	0.032	0.021	0.013	0.043	0.057	0.087	0.004	0.257
1951	0.031	0.022	0.013	0.047	0.058	0.084	0.005	0.260
1952	0.036	0.032	0.012	0.048	0.060	0.096	0.006	0.289
1953	0.027	0.037	0.012	0.056	0.065	0.097	0.006	0.302
1954	0.024	0.036	0.010	0.051	0.074	0.092	0.006	0.295
1955	0.025	0.050	0.010	0.052	0.054	0.093	0.005	0.290
1956	0.020	0.050	0.010	0.057	0.048	0.089	0.006	0.281
1957	0.028	0.065	0.011	0.071	0.075	0.105	0.009	0.363
1958	0.034	0.073	0.009	0.070	0.072	0.088	0.008	0.355
1959	0.040	0.068	0.008	0.064	0.068	0.090	0.008	0.346
1960	0.031	0.073	0.007	0.064	0.055	0.079	0.008	0.317
1961	0.030	0.070	0.006	0.065	0.057	0.074	0.010	0.312
1962	0.031	0.082	0.005	0.067	0.055	0.071	0.008	0.318
1963	0.029	0.084	0.006	0.068	0.052	0.069	0.009	0.318
1964	0.027	0.081	0.006	0.067	0.053	0.069	0.013	0.316
1965	0.031	0.100	0.006	0.070	0.064	0.075	0.016	0.362
1966	0.034	0.107	0.006	0.078	0.074	0.070	0.020	0.389
1967	0.035	0.094	0.005	0.069	0.072	0.073	0.018	0.366
1968	0.039	0.113	0.006	0.080	0.080	0.080	0.026	0.424
1969	0.040	0.110	0.006	0.087	0.089	0.072	0.026	0.431
1970	0.038	0.101	0.006	0.082	0.093	0.068	0.025	0.411
1971	0.042	0.099	0.007	0.074	0.080	0.074	0.027	0.404
1972	0.047	0.098	0.006	0.059	0.087	0.068	0.026	0.392
1973	0.045	0.113	0.007	0.064	0.092	0.054	0.035	0.410
1974	0.033	0.093	0.005	0.062	0.083	0.061	0.028	0.365
1975	0.023	0.106	0.006	0.055	0.098	0.060	0.034	0.383
1976	0.021	0.104	0.005	0.054	0.099	0.059	0.035	0.377
1977	0.028	0.124	0.007	0.061	0.093	0.068	0.043	0.423
1978	0.034	0.112	0.005	0.049	0.096	0.054	0.043	0.392
1979	0.054	0.119	0.005	0.054	0.101	0.061	0.050	0.443
1980	0.043	0.115	0.005	0.050	0.090	0.065	0.047	0.415
1981	0.035	0.116	0.003	0.043	0.086	0.062	0.044	0.389
1982	0.037	0.110	0.002	0.045	0.100	0.064	0.052	0.410
1983	0.036	0.139	0.004	0.049	0.113	0.072	0.059	0.472
1984	0.032	0.146	0.004	0.058	0.092	0.060	0.069	0.463
1985	0.036	0.149	0.005	0.057	0.106	0.069	0.081	0.503
1986	0.042	0.196	0.004	0.062	0.128	0.069	0.100	0.602
1987	0.047	0.173	0.004	0.056	0.140	0.068	0.093	0.581
1988	0.044	0.182	0.003	0.049	0.114	0.057	0.086	0.536
1989	0.042	0.196	0.003	0.054	0.118	0.056	0.096	0.564

SOURCE: Calculated from NCAS.

Figure 4.1A
CORN ACREAGE
NORTH CAROLINA

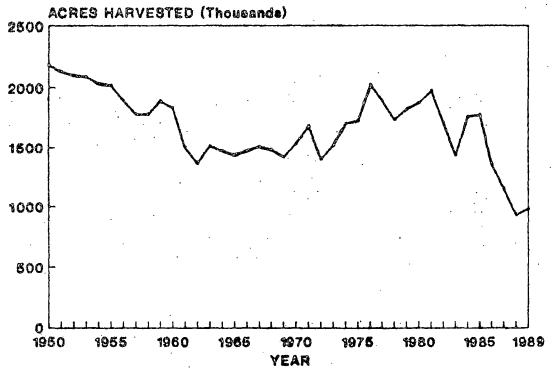


Figure 4.1B
CORN YIELD
NORTH CAROLINA

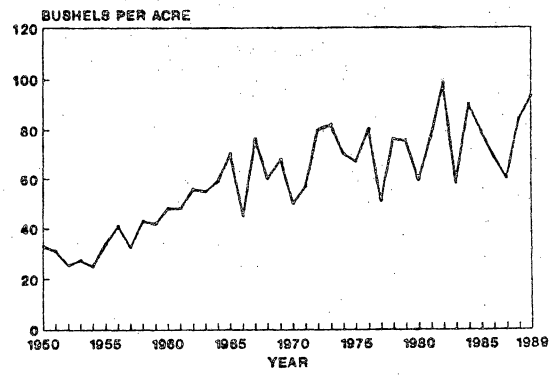


Figure 4.1C
CORN PRODUCTION
NORTH CAROLINA

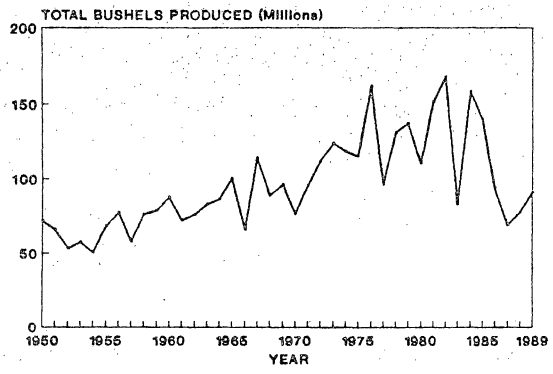


Figure 4.1D
CORN PRICE
NORTH CAROILNA

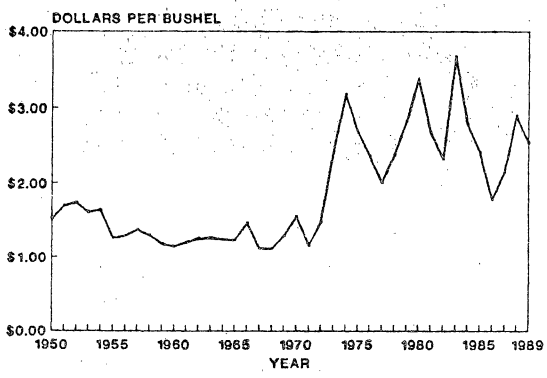


Table 4.1 CORN PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (BU/AC)	PRODUCTION (1,000 BU)	PRICE ($/BU)	VALUE ($1,000)
1950	2183	33	72039	1.52	109499
1951	2129	31	65999	1.70	112198
1952	2096	26	53448	1.74	93000
1953	2086	28	57365	1.61	92358
1954	2028	25	50700	1.64	83148
1955	2017	34	68578	1.26	86408
1956	1893	41	77613	1.29	100121
1957	1778	33	57785	1.37	79165
1958	1778	43	76454	1.30	99390
1959	1888	42	79296	1.18	93569
1960	1831	48	87888	1.14	100192
1961	1504	48	72192	1.20	86630
1962	1366	56	76496	1.25	95620
1963	1515	55	83325	1.26	104989
1964	1471	59	86789	1.24	107618
1965	1434	70	100590	1.23	123726
1966	1474	45	66330	1.46	96842
1967	1508	76	114608	1.12	128361
1968	1483	60	88980	1.12	99658
1969	1421	68	96628	1.29	124650
1970	1535	50	76750	1.55	118962
1971	1680	57	95760	1.16	111082
1972	1401	80	112080	1.48	165878
1973	1520	82	124640	2.42	301629
1974	1700	70	119450	3.18	379851
1975	1725	67	115575	2.69	310897
1976	2020	80	161600	2.38	384608
1977	1890	51	96390	2.01	193744
1978	1731	76	131556	2.40	315734
1979	1820	76	137648	2.84	390920
1980	1870	59	110907	3.38	374866
1981	1975	77	151700	2.68	406556
1982	1710	98	168047	2.34	393230
1983	1432	58	83473	3.67	306346
1984	1761	90	158262	2.80	443134
1985	1772	79	140328	2.43	340997
1986	1360	69	93840	1.78	167035
1987	1150	60	69000	2.15	148350
1988	930	84	78120	2.90	226548
1989	980	93	91140	2.55	232407

SOURCE: NCAS

Figure 4.2A
COTTON ACREAGE
NORTH CAROLINA

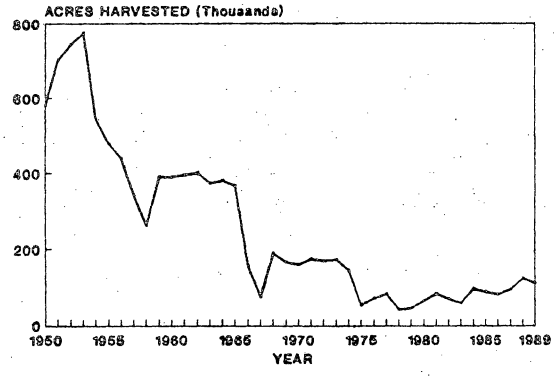


Figure 4.2B
COTTON YIELD
NORTH CAROLINA

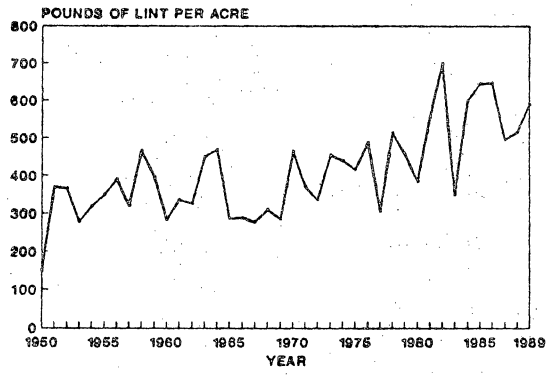


Figure 4.2C
COTTON PRODUCTION
NORTH CAROLINA

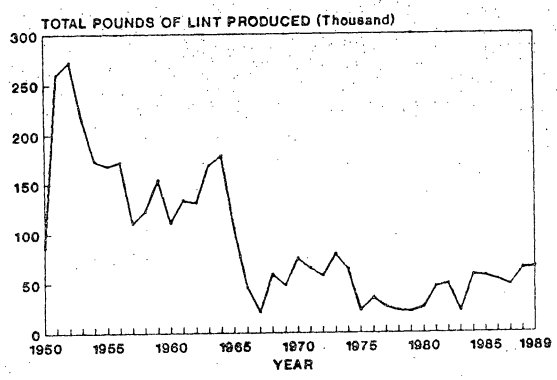


Figure 4.2D
COTTON PRICE
NORTH CAROLINA

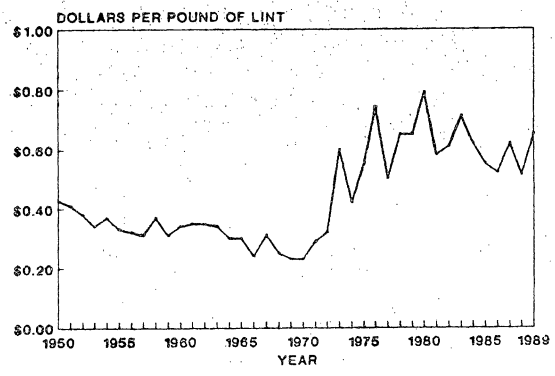


Table 4.2 COTTON PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (LB/AC)	PRODUCTION (1,000 LB)	PRICE ($/LB)	VALUE ($1,000)
1950	580	149	86420	0.43	37161
1951	702	370	259740	0.41	106493
1952	745	366	272670	0.38	103615
1953	775	278	215450	0.34	73253
1954	545	319	173855	0.37	64326
1955	480	350	168000	0.33	55440
1956	440	391	172040	0.32	55053
1957	344	321	110424	0.31	34231
1958	263	466	122558	0.37	45346
1959	390	395	154050	0.31	47755
1960	390	284	110760	0.34	37658
1961	396	337	133452	0.35	46708
1962	402	327	131454	0.35	46009
1963	375	449	168375	0.34	57247
1964	381	470	179070	0.30	53721
1965	368	287	105616	0.30	31685
1966	155	290	44950	0.24	10788
1967	75	277	20775	0.31	6440
1968	189	310	58590	0.25	14648
1969	166	286	47520	0.23	10930
1970	160	465	74400	0.23	17112
1971	175	370	64800	0.29	18792
1972	170	336	57120	0.32	18278
1973	173	455	78720	0.60	47232
1974	145	440	63840	0.42	26813
1975	53	417	22080	0.55	12144
1976	71	487	34560	0.74	25574
1977	83	307	25440	0.50	12720
1978	42	514	21600	0.65	14040
1979	45	459	20640	0.65	13416
1980	65	384	24960	0.79	19718
1981	82	556	45600	0.58	26448
1982	70	699	48960	0.61	29866
1983	59	350	20640	0.71	14654
1984	96	599	57602	0.62	35713
1985	87	645	56160	0.55	30888
1986	81	646	52319	0.52	27296
1987	95	495	47040	0.62	29165
1988	124	515	63860	0.51	32441
1989	110	589	64790	0.65	42114

SOURCE: NCAS

Figure 4.3A
SMALL FRUIT PRODUCTION
NORTH CAROLINA

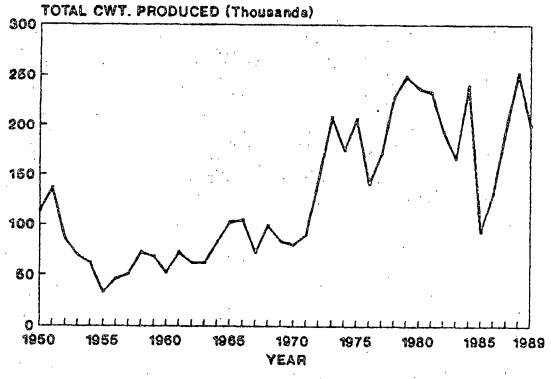


Figure 4.3B
SMALL FRUIT PRICE
NORTH CAROLINA

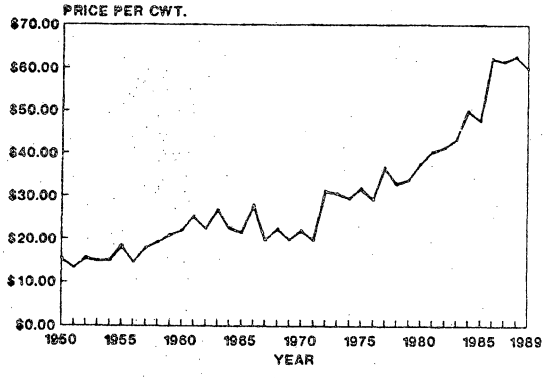


Figure 4.3C
TREE FRUIT PRODUCTION
NORTH CAROLINA

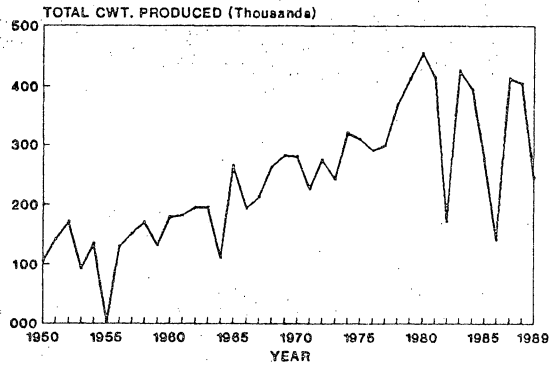


Figure 4.3D
TREE FRUIT PRICE
NORTH CAROLINA

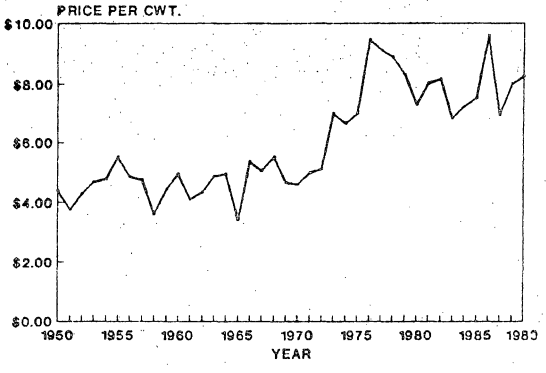


Table 4.3 FRUIT PRODUCTION AND VALUE

	SMALL FRUITS			TREE FRUITS		
YEAR	PRODUCTION (1,000 CWT)	PRICE ($/CWT)	VALUE ($1,000)	PRODUCTION (1,000 CWT)	PRICE ($/CWT)	VALUE ($1,000)
1950	114	15.25	1739	1047	4.39	4596
1951	136	13.23	1799	1414	3.76	5317
1952	85	15.44	1312	1709	4.29	7332
1953	69	14.83	1023	912	4.67	4259
1954	62	14.97	928	1344	4.78	6424
1955	33	18.33	605	19	5.52	105
1956	46	14.57	670	1296	4.86	6299
1957	51	17.84	910	1512	4.76	7197
1958	72	19.10	1375	1704	3.59	6117
1959	68	20.90	1421	1312	4.43	5812
1960	52	21.90	1139	1789	4.95	8856
1961	72	25.22	1816	1818	4.10	7454
1962	62	22.27	1381	1946	4.33	8426
1963	62	26.69	1655	1951	4.86	9482
1964	82	22.37	1834	1100	4.95	5445
1965	102	21.41	2184	2648	3.40	9003
1966	105	27.72	2911	1933	5.35	10342
1967	72	19.69	1418	2128	5.04	10725
1968	99	22.29	2207	2630	5.51	14491
1969	83	19.92	1653	2820	4.65	13113
1970	80	21.85	1748	2800	4.60	12880
1971	90	19.72	1775	2260	4.98	11255
1972	146	31.12	4544	2750	5.12	14080
1973	208	30.54	6352	2420	7.01	16964
1974	175	29.41	5147	3200	6.67	21344
1975	206	31.77	6545	3100	7.02	21762
1976	141	29.19	4116	2900	9.46	27434
1977	172	36.61	6297	2990	9.13	27299
1978	228	32.92	7506	3690	8.89	32804
1979	249	33.79	8414	4120	8.30	34196
1980	237	37.43	8871	4550	7.31	33260
1981	233	40.42	9418	4150	8.02	33283
1982	193	41.34	7979	1720	8.16	14035
1983	166	43.15	7163	4270	6.85	29249
1984	240	49.91	11978	3950	7.23	28558
1985	93	47.70	4436	2770	7.53	20858
1986	131	62.30	8161	1409	9.57	13481
1987	197	61.63	12142	4130	6.98	28824
1988	253	62.70	15863	4050	8.00	32385
1989	200	60.00	12000	2450	8.25	20213

SOURCE: NCAS. Small fruits include strawberries, blueberries and grapes. Tree fruits consist of apples and peaches.

Figure 4.4A
PEANUT ACREAGE
NORTH CAROLINA

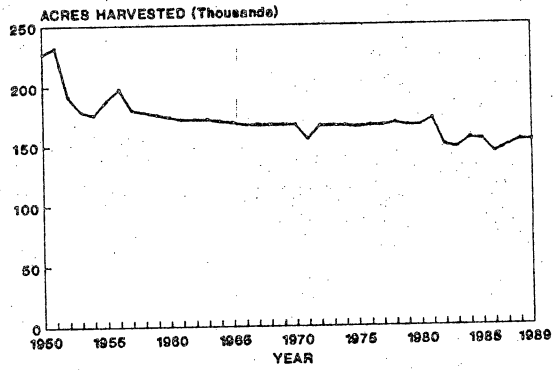


Figure 4.4B
PEANUT YIELD
NORTH CAROLINA

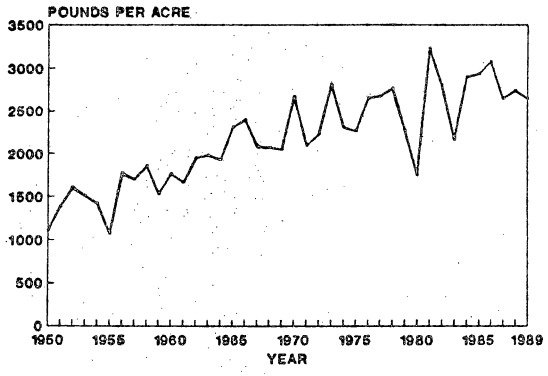


Figure 4.4C
PEANUT PRODUCTION
NORTH CAROLINA

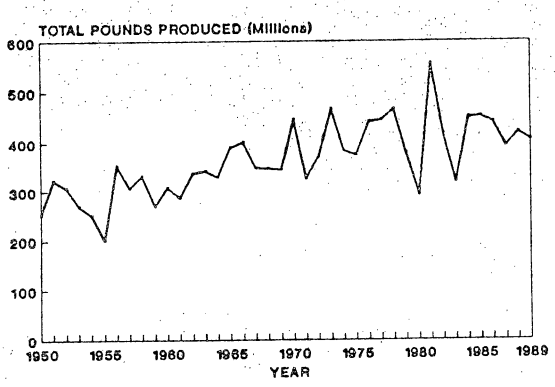


Figure 4.4D
PEANUT PRICE
NORTH CAROLINA

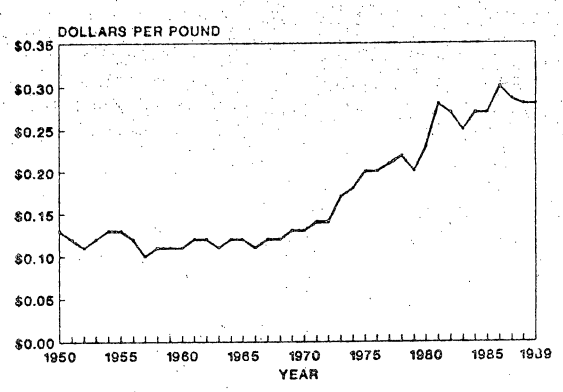


Table 4.4 PEANUT PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (LB/AC)	PRODUCTION (1,000 LB)	PRICE ($/LB)	VALUE ($1,000)
1950	227	1110	251970	0.13	32756
1951	232	1390	322480	0.12	38698
1952	191	1605	306555	0.11	33721
1953	179	1510	270290	0.12	32435
1954	176	1425	250800	0.13	32604
1955	188	1070	201160	0.13	26151
1956	198	1775	351450	0.12	42174
1957	180	1700	306000	0.10	30600
1958	178	1860	331080	0.11	36419
1959	176	1530	269280	0.11	29621
1960	174	1770	307980	0.11	33878
1961	172	1670	287240	0.12	34469
1962	172	1955	336260	0.12	40351
1963	172	1985	341420	0.11	37556
1964	170	1935	328950	0.12	39474
1965	169	2310	390390	0.12	46847
1966	167	2400	400800	0.11	44088
1967	167	2080	347360	0.12	41683
1968	167	2075	346525	0.12	41583
1969	167	2055	343185	0.13	44614
1970	167	2670	445890	0.13	57966
1971	155	2100	325500	0.14	45570
1972	166	2230	370180	0.14	51825
1973	166	2810	466460	0.17	79298
1974	166	2315	384290	0.18	69172
1975	165	2265	373725	0.20	74745
1976	166	2655	440730	0.20	88146
1977	166	2675	444050	0.21	93250
1978	168	2770	465360	0.22	102379
1979	166	2280	378480	0.20	75696
1980	166	1755	291330	0.23	67006
1981	172	3230	555560	0.28	155557
1982	149	2800	417200	0.27	112644
1983	147	2165	318255	0.25	79564
1984	155	2900	449500	0.27	121365
1985	154	2935	451990	0.27	122037
1986	143	3078	440440	0.30	131251
1987	148	2650	392200	0.29	112169
1988	153	2745	419985	0.28	119276
1989	153	2650	405450	0.28	113526

SOURCE: NCAS

Figure 4.5A
SOYBEAN ACREAGE
NORTH CAROLINA

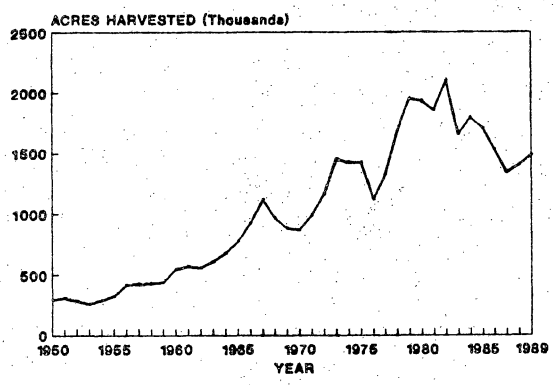


Figure 4.5B
SOYBEAN YIELD
NORTH CAROLINA

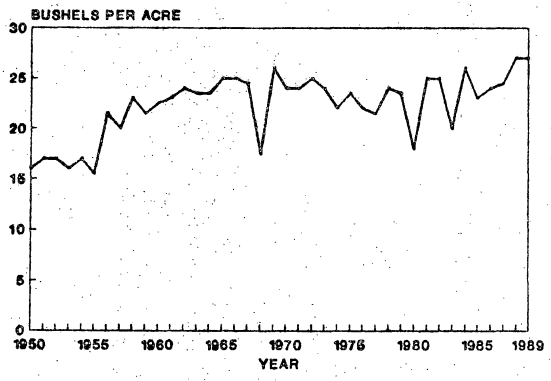


Figure 4.5C
SOYBEAN PRODUCTION
NORTH CAROLINA

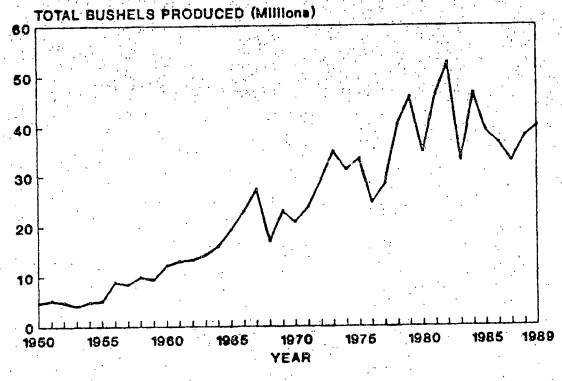


Figure 4.5D
SOYBEAN PRICE
NORTH CAROLINA

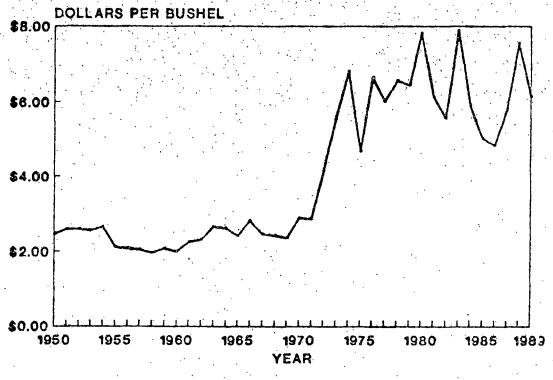


Table 4.5 SOYBEAN PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (BU/AC)	PRODUCTION (1,000 BU)	PRICE ($/BU)	VALUE ($1,000)
1950	297	16	4752	2.47	11737
1951	309	17	5253	2.59	13605
1952	286	17	4862	2.59	12593
1953	258	16	4128	2.57	10609
1954	289	17	4913	2.66	13069
1955	327	15	5068	2.13	10795
1956	416	22	8944	2.09	18693
1957	420	20	8400	2.06	17304
1958	428	23	9844	1.97	19393
1959	437	22	9396	2.09	19638
1960	545	22	12262	2.01	24647
1961	568	23	13064	2.26	29525
1962	558	24	13392	2.32	31069
1963	608	24	14288	2.66	38006
1964	681	24	16004	2.63	42091
1965	776	25	19400	2.42	46948
1966	923	25	23075	2.83	65302
1967	1117	24	27366	2.47	67594
1968	972	18	17010	2.44	41504
1969	885	26	23010	2.37	54534
1970	867	24	20808	2.90	60343
1971	990	24	23760	2.88	68429
1972	1165	25	29125	4.13	120286
1973	1450	24	34800	5.58	194184
1974	1420	22	31240	6.81	212744
1975	1420	24	33370	4.67	155838
1976	1120	22	24640	6.65	163856
1977	1320	22	28380	6.02	170848
1978	1680	24	40320	6.57	264902
1979	1950	24	45825	6.45	295571
1980	1930	18	34740	7.83	272014
1981	1850	25	46250	6.13	283512
1982	2100	25	52500	5.58	292950
1983	1650	20	33000	7.89	260370
1984	1790	26	46540	5.93	275982
1985	1700	23	39100	5.04	197064
1986	1530	24	36720	4.82	176990
1987	1340	25	32830	5.79	190086
1988	1401	27	38070	7.55	287429
1989	1480	27	39960	6.15	245754

SOURCE: NCAS

Figure 4.6A
SWEET POTATO ACREAGE
NORTH CAROLINA

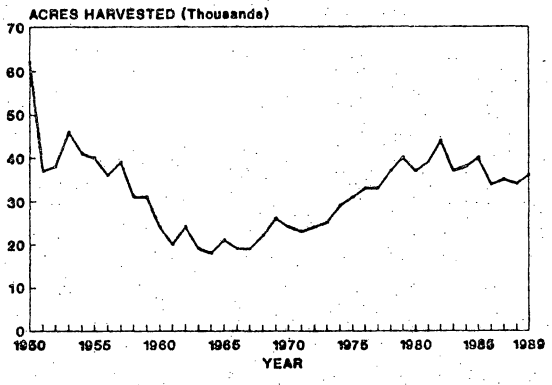


Figure 4.6B
SWEET POTATO YIELD
NORTH CAROLINA

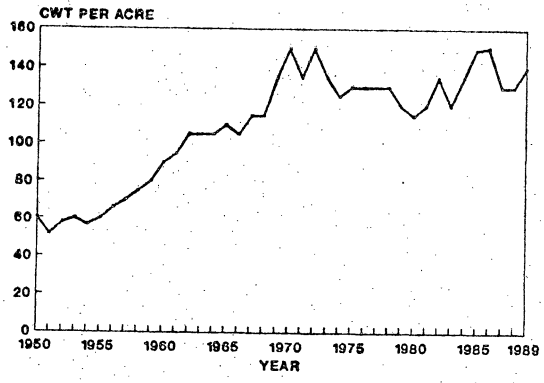


Figure 4.6C
SWEET POTATO PRODUCTION
NORTH CAROLINA

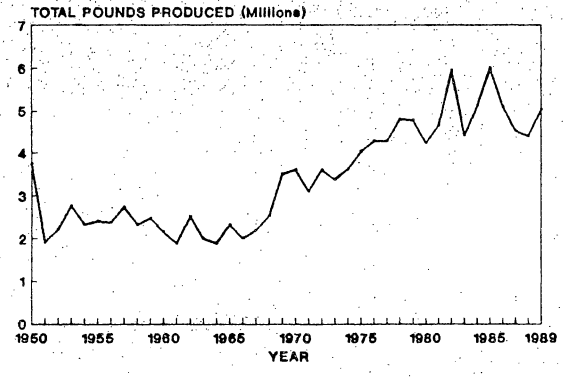


Figure 4.6D
SWEET POTATO PRICE
NORTH CAROLINA

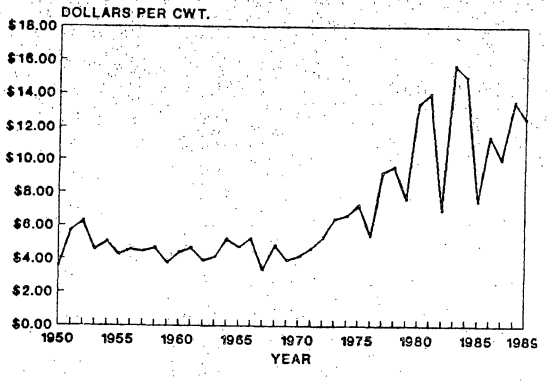


Table 4.6 SWEET POTATO PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (CWT/AC)	PRODUCTION (1,000 CWT)	PRICE ($/CWT)	VALUE ($1,000)
1950	62	61	3751	3.56	13354
1951	37	52	1913	5.71	10923
1952	38	58	2195	6.24	13697
1953	46	60	2760	4.56	12586
1954	41	57	2337	5.04	11778
1955	40	60	2400	4.26	10224
1956	36	66	2376	4.54	10787
1957	39	70	2730	4.43	12094
1958	31	75	2325	4.67	10858
1959	31	80	2480	3.76	9325
1960	24	90	2160	4.37	9439
1961	20	95	1890	4.61	8713
1962	24	105	2520	3.89	9803
1963	19	105	1995	4.10	8179
1964	18	105	1890	5.19	9809
1965	21	110	2310	4.69	10834
1966	19	105	1995	5.23	10434
1967	19	115	2185	3.37	7363
1968	22	115	2530	4.82	12195
1969	26	135	3510	3.91	13724
1970	24	150	3600	4.15	14940
1971	23	135	3105	4.62	14345
1972	24	150	3600	5.25	18900
1973	25	135	3375	6.40	21600
1974	29	125	3625	6.60	23925
1975	31	130	4030	7.25	29218
1976	33	130	4290	5.40	23166
1977	33	130	4290	9.20	39468
1978	37	130	4810	9.57	46032
1979	40	120	4800	7.60	36480
1980	37	115	4255	13.40	57017
1981	39	120	4680	14.00	65520
1982	44	135	5940	6.95	41283
1983	37	120	4440	15.70	69708
1984	38	135	5130	15.00	76950
1985	40	150	6000	7.50	45000
1986	34	150	5100	11.40	58140
1987	35	130	4550	10.00	45500
1988	34	130	4420	13.50	59670
1989	36	140	5040	12.50	63000

SOURCE: NCAS

Figure 4.7A
TOBACCO ACREAGE
NORTH CAROLINA

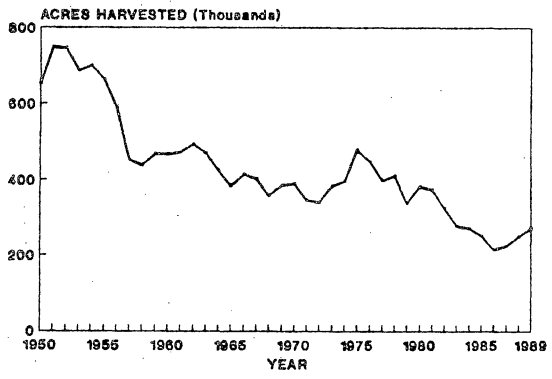


Figure 4.7B
TOBACCO YIELD
NORTH CAROLINA

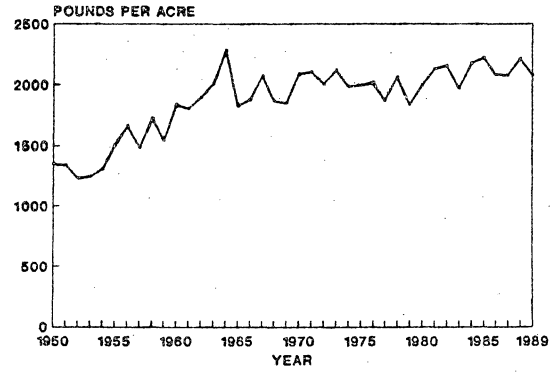


Figure 4.7C
TOBACCO PRODUCTION
NORTH CAROLINA

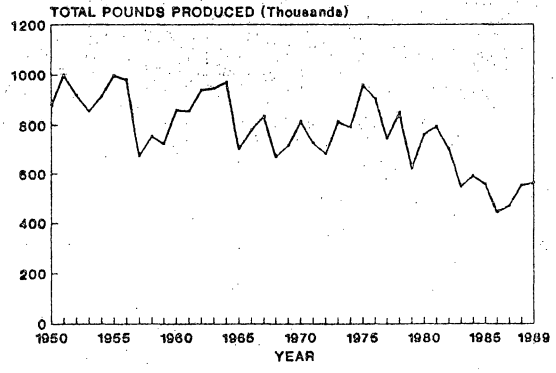


Figure 4.7D
TOBACCO PRICE
NORTH CAROLINA

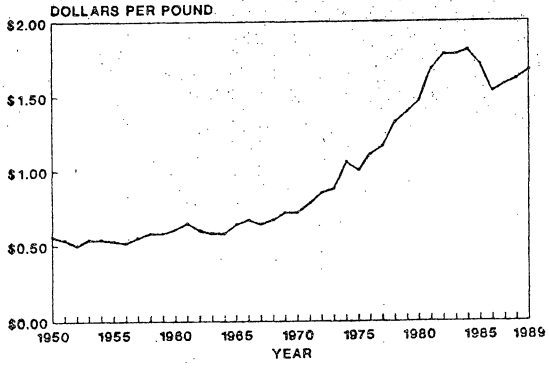


Table 4.7 TOBACCO PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (LB/AC)	PRODUCTION (1,000 LB)	PRICE ($/LB)	VALUE ($1,000)
1950	651	1347	875990	0.56	490554
1951	747	1338	999725	0.54	539851
1952	747	1229	918250	0.50	459125
1953	685	1244	852825	0.54	460525
1954	699	1308	913874	0.54	493492
1955	663	1505	997395	0.53	528619
1956	588	1664	978885	0.52	509020
1957	453	1480	669740	0.55	368357
1958	438	1724	755455	0.58	438164
1959	468	1544	723130	0.58	419415
1960	467	1838	858300	0.61	523563
1961	473	1804	853951	0.65	555068
1962	494	1896	936845	0.60	562107
1963	472	2006	945795	0.58	548561
1964	426	2280	970450	0.58	562861
1965	384	1826	700917	0.64	448587
1966	415	1876	779308	0.67	522136
1967	403	2070	834675	0.64	534192
1968	358	1864	667375	0.67	447141
1969	386	1853	715968	0.72	515497
1970	391	2085	815520	0.72	587174
1971	346	2102	727145	0.78	567173
1972	340	2003	680385	0.85	578327
1973	384	2117	811915	0.88	714485
1974	398	1983	789220	1.06	836573
1975	480	1996	956995	1.00	956995
1976	448	2015	902930	1.11	1002252
1977	399	1870	745275	1.17	871972
1978	412	2062	849731	1.33	1130142
1979	338	1837	621393	1.40	869950
1980	383	1989	762440	1.47	1120787
1981	374	2126	795887	1.68	1337090
1982	326	2151	700668	1.78	1247189
1983	278	1969	546869	1.78	973427
1984	272	2172	590026	1.81	1067947
1985	251	2220	556522	1.71	951653
1986	215	2079	444790	1.53	681880
1987	225	2075	466592	1.58	736690
1988	250	2211	552592	1.61	890656
1989	271	2078	562200	1.67	938875

SOURCE: NCAS

Figure 4.8A
WHEAT ACREAGE
NORTH CAROLINA

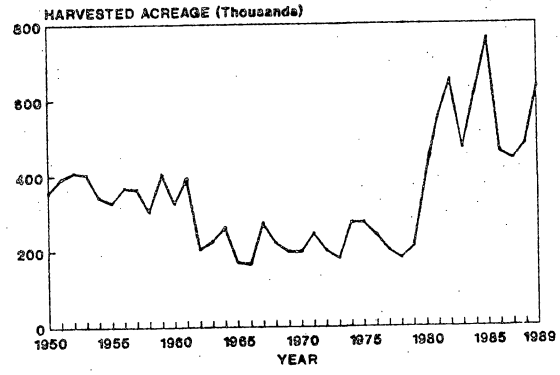


Figure 4.8B
WHEAT YIELD
NORTH CAROLINA

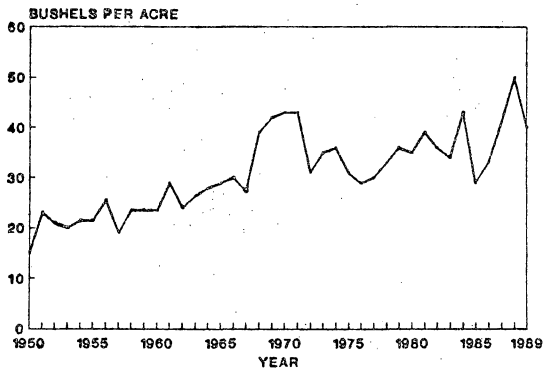


Figure 4.8C
WHEAT PRODUCTION
NORTH CAROLINA

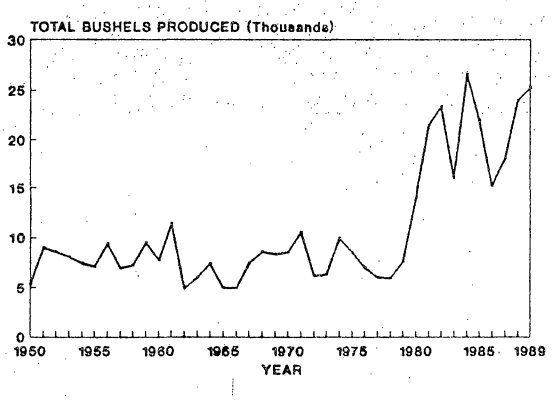


Figure 4.8D
WHEAT PRICE
NORTH CAROLINA

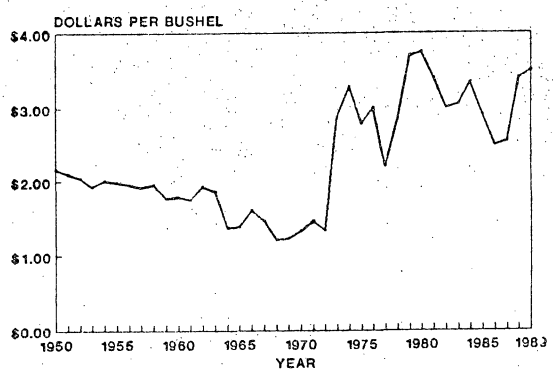


Table 4.8 WHEAT PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (BU/AC)	PRODUCTION (1,000 BU)	PRICE ($/BU)	VALUE ($1,000)
1950	356	15	5340	2.17	11588
1951	392	23	9016	2.10	18934
1952	408	21	8568	2.04	17479
1953	404	20	8080	1.93	15594
1954	343	21	7374	2.01	14822
1955	329	22	7074	1.99	14077
1956	368	26	9384	1.95	18299
1957	364	19	6916	1.92	13279
1958	306	24	7191	1.95	14022
1959	404	24	9494	1.77	16804
1960	327	23	7684	1.79	13754
1961	392	29	11368	1.76	20008
1962	204	24	4896	1.93	9449
1963	226	27	5989	1.86	11140
1964	262	28	7336	1.37	10050
1965	170	29	4930	1.39	6853
1966	165	30	4950	1.61	7969
1967	272	27	7409	1.47	10891
1968	220	39	8580	1.22	10468
1969	198	42	8316	1.23	10229
1970	198	43	8514	1.33	11324
1971	245	43	10535	1.46	15381
1972	200	31	6200	1.34	8308
1973	180	35	6300	2.88	18144
1974	275	36	9900	3.29	32571
1975	275	31	8525	2.79	23785
1976	240	29	6960	3.00	20880
1977	200	30	6000	2.20	13200
1978	180	33	5940	2.85	16929
1979	210	36	7560	3.70	27972
1980	400	35	14000	3.75	52500
1981	550	39	21450	3.40	72930
1982	650	36	23400	3.00	70200
1983	470	34	15980	3.05	48739
1984	620	43	26660	3.35	89311
1985	760	29	22040	2.90	63916
1986	460	33	15180	2.50	37950
1987	440	41	18040	2.55	46002
1988	480	50	24000	3.40	81600
1989	630	40	25200	3.50	88200

SOURCE: NCAS

Figure 4.9A
VEGETABLE ACREAGE
NORTH CAROLINA

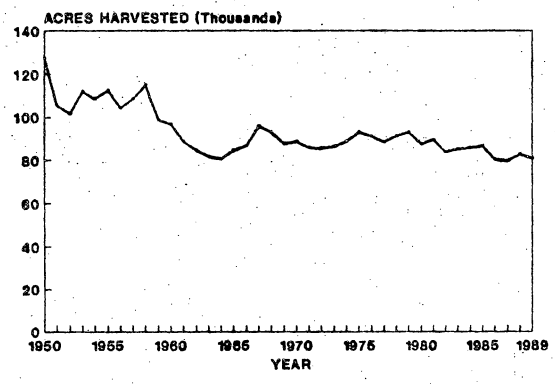


Figure 4.9B
VEGETABLE YIELD
NORTH CAROLINA

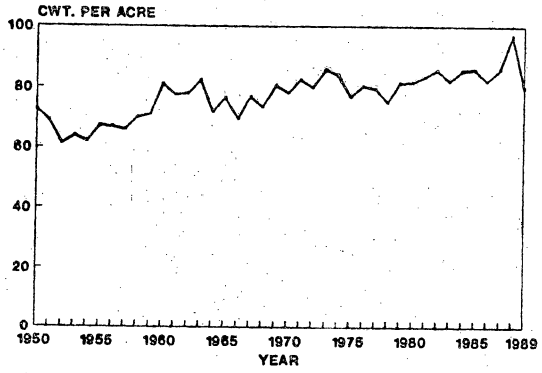


Figure 4.9C
VEGETABLE PRODUCTION
NORTH CAROLINA

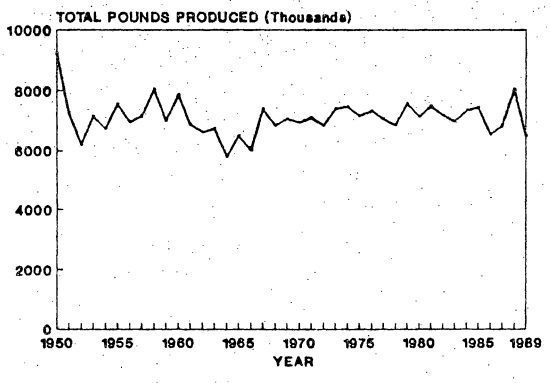


Figure 4.9D
VEGETABLE PRICE
NORTH CAROLINA

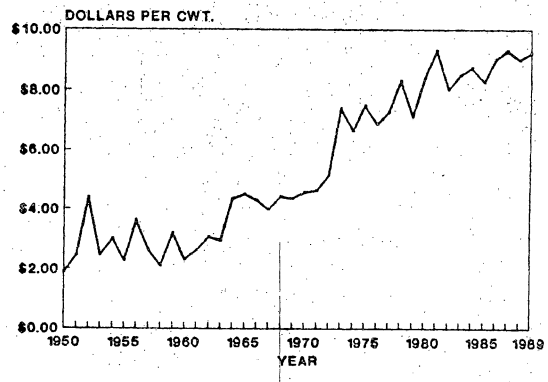


Table 4.9 VEGETABLE PRODUCTION AND VALUE

YEAR	ACRES (1,000)	YIELD (LB/AC)	PRODUCTION (1,000 LB)	PRICE ($/LB)	VALUE ($1,000)
1950	128	72	9219	1.88	17332
1951	105	69	7262	2.44	17719
1952	102	61	6204	4.37	27111
1953	112	64	7142	2.45	17498
1954	109	62	6727	3.00	20181
1955	113	67	7555	2.26	17074
1956	104	67	6952	3.61	25097
1957	108	66	7129	2.62	18678
1958	115	70	8028	2.10	16859
1959	99	71	7004	3.19	22343
1960	97	81	7857	2.30	18071
1961	89	78	6868	2.61	17925
1962	85	78	6605	3.06	20211
1963	82	82	6724	2.94	19769
1964	81	72	5804	4.33	25131
1965	85	76	6487	4.49	29127
1966	87	69	6015	4.29	25804
1967	96	77	7375	3.98	29352
1968	93	73	6827	4.42	30175
1969	88	81	7058	4.35	30702
1970	89	78	6935	4.55	31554
1971	86	82	7090	4.61	32685
1972	86	80	6838	5.16	35284
1973	86	86	7388	7.39	54597
1974	89	84	7462	6.63	49473
1975	93	77	7150	7.49	53553
1976	91	80	7319	6.85	50135
1977	89	80	7050	7.25	51113
1978	91	75	6843	8.31	56865
1979	93	81	7563	7.12	53849
1980	88	82	7144	8.40	60010
1981	90	83	7485	9.31	69685
1982	84	86	7177	8.02	57560
1983	85	82	6981	8.49	59269
1984	86	85	7346	8.74	64204
1985	87	86	7453	8.27	61636
1986	80	82	6546	9.03	59110
1987	80	86	6818	9.31	63482
1988	83	97	8039	9.01	72464
1989	81	80	6480	9.25	59940

SOURCE: NCAS. Vegetables include white potatoes, beans, cabbage, cantaloupe, sweet corn, cucumbers, green peppers, tomatoes and watermelons.

Figure 5.1A
LIVESTOCK AND POULTRY PRODUCTION
NORTH CAROLINA

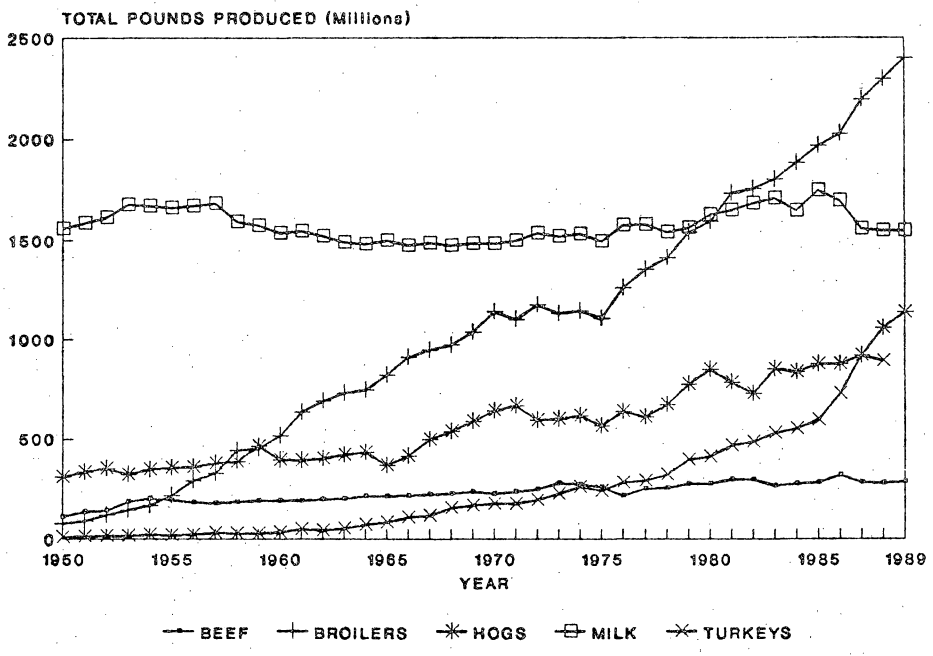


Figure 5.1B
LIVESTOCK AND POULTRY PRICE
NORTH CAROLINA

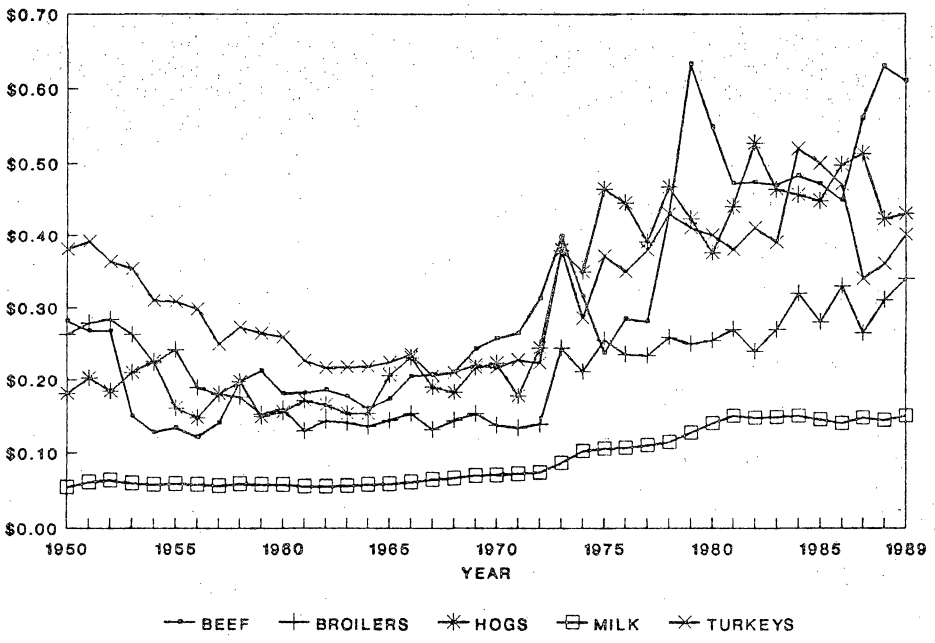


Table 5.1 CATTLE, MILK AND BEEF PRODUCTION AND VALUE

YEAR	NUMBER OF CATTLE & CALVES (1,000)	NUMBER OF MILK COWS & HEIFERS (1,000)	MILK PRODUCTION (MILLION LBS)	MILK PRICE ($/LB)	MILK PRODUCED ($1,000)	NUMBER OF BEEF COWS AND HEIFERS (1,000)	BEEF PRODUCTION (1,000 LBS)	BEEF PRICE ($/LB)	VALUE OF BEEF PRODUCED ($ 1,000)
1950	670	361	1561	0.05	85855	.	111770	0.28	31519
1951	737	372	1589	0.06	98518	.	136230	0.27	36510
1952	796	376	1615	0.06	103360	.	143570	0.27	38477
1953	939	391	1677	0.06	100620	.	187225	0.15	28084
1954	995	399	1672	0.06	96976	.	200760	0.13	25697
1955	985	391	1661	0.06	97999	.	196815	0.13	26373
1956	955	356	1672	0.06	96976	.	184770	0.12	22357
1957	926	345	1685	0.06	96045	.	181130	0.14	25539
1958	907	331	1594	0.06	94046	.	185230	0.20	36676
1959	889	308	1574	0.06	91292	.	191515	0.21	40793
1960	907	305	1539	0.06	89262	.	193740	0.18	35067
1961	916	296	1549	0.06	86744	.	193605	0.18	35236
1962	925	284	1524	0.06	85344	.	199525	0.19	37112
1963	934	270	1492	0.06	85044	.	201925	0.18	35741
1964	962	259	1483	0.06	86014	.	215155	0.16	34425
1965	952	246	1502	0.06	88618	277	214400	0.17	37091
1966	971	239	1475	0.06	91450	291	217600	0.20	44608
1967	970	225	1488	0.06	96720	305	224830	0.21	46765
1968	970	193	1475	0.07	98825	311	226860	0.21	47867
1969	975	183	1485	0.07	103950	320	237340	0.24	57674
1970	980	172	1485	0.07	105435	324	226888	0.26	58310
1971	990	169	1500	0.07	109500	327	236088	0.26	62563
1972	1010	165	1537	0.07	113738	341	248670	0.31	77834
1973	1040	159	1524	0.09	132588	386	279845	0.40	11658
1974	1100	150	1534	0.10	158002	430	274520	0.32	86748
1975	1150	145	1498	0.11	158788	465	260570	0.24	62016
1976	1170	143	1580	0.11	169060	467	216490	0.28	61483
1977	1180	141	1583	0.11	174130	404	253110	0.28	71124
1978	1050	136	1544	0.11	177560	400	255370	0.43	109554
1979	1080	131	1565	0.13	198755	389	275640	0.63	174480
1980	1080	133	1631	0.14	228340	412	277750	0.55	152485
1981	1160	135	1654	0.15	248100	433	299395	0.47	141314
1982	1110	134	1686	0.15	247842	436	299160	0.47	141503
1983	1100	131	1711	0.15	253228	399	267810	0.47	125603
1984	1120	135	1649	0.15	247350	427	277030	0.48	133805
1985	1175	127	1748	0.15	253460	458	283940	0.47	133736
1986	1100	121	1695	0.14	237300	393	319350	0.45	143069
1987	950	110	1555	0.15	228585	361	284100	0.56	158928
1988	825	106	1550	0.14	223200	320	278680	0.63	174461
1989	700	102	1550	0.15	234050	327	285000	0.61	273850

SOURCE: NCAS

Table 5.2 HOG PRODUCTION AND VALUE

YEAR	NUMBER ON FARMS (1,000)	PRODUCTION (1,000 LBS)	PRICE ($/LB)	VALUE OF PRODUCTION ($ 1,000)
1950	1177	311046	0.18	56299
1951	1189	333606	0.20	67722
1952	1308	352470	0.18	64854
1953	1203	321826	0.21	67583
1954	1119	345990	0.23	78194
1955	1276	356545	0.16	57404
1956	1276	358558	0.15	52708
1957	1314	379076	0.18	68234
1958	1406	388454	0.20	76914
1959	1476	464410	0.15	69197
1960	1520	396444	0.16	61845
1961	1292	395220	0.17	67583
1962	1279	403430	0.16	66566
1963	1343	420312	0.15	64308
1964	1370	433448	0.15	66318
1965	1054	368527	0.21	75917
1966	1183	416416	0.23	96192
1967	1431	499736	0.19	94950
1968	1474	540504	0.18	98912
1969	1518	589198	0.22	127856
1970	1580	641842	0.22	143773
1971	1985	666315	0.18	118604
1972	1850	596334	0.24	146102
1973	1739	601423	0.38	227939
1974	1950	617918	0.35	216271
1975	1890	565596	0.46	262437
1976	1900	639446	0.44	284553
1977	1940	609968	0.39	238497
1978	2300	672258	0.47	313944
1979	2350	772847	0.42	326914
1980	2650	849196	0.38	319298
1981	2460	782723	0.44	344398
1982	1980	728277	0.53	383802
1983	2150	851113	0.46	394065
1984	2350	834807	0.46	380672
1985	2300	877215	0.45	392115
1986	2350	876023	0.50	436259
1987	2360	919400	0.51	471652
1988	2550	1059125	0.42	446951
1989	2754	1140000	0.43	490200

SOURCE: NCAS

Table 5.3 BROILER PRODUCTION AND VALUE

YEAR	NUMBER PRODUCED (1,000)	POUNDS PRODUCED (1,000)	PRICE ($/LB)	VALUE OF PRODUCTION ($ 1,000)
1950	28109	78705	0.26	20699
1951	32606	91297	0.28	25472
1952	43366	121425	0.28	34485
1953	50738	147140	0.26	38698
1954	58349	169212	0.22	37903
1955	72936	218808	0.24	52952
1956	94087	291670	0.19	55126
1957	106352	329691	0.18	59015
1958	134600	444180	0.18	78176
1959	137400	453420	0.15	68920
1960	156600	516780	0.16	82685
1961	186354	633604	0.13	82369
1962	203126	690628	0.14	98760
1963	215314	732068	0.14	103222
1964	213161	746064	0.14	101465
1965	234477	820670	0.14	118176
1966	260269	910942	0.15	139374
1967	262872	946339	0.13	123970
1968	262872	972626	0.14	140058
1969	280637	1038357	0.15	158869
1970	308624	1141909	0.14	156442
1971	289926	1101719	0.13	147630
1972	301772	1176911	0.14	163591
1973	290448	1132747	0.24	277523
1974	286558	1146232	0.21	243001
1975	283986	1107545	0.26	283532
1976	315589	1262356	0.24	297916
1977	339271	1357084	0.23	317558
1978	353480	1413920	0.26	366205
1979	376580	1543978	0.25	385995
1980	399592	1598368	0.25	407584
1981	423160	1734956	0.27	468438
1982	418620	1758204	0.24	421969
1983	419740	1804882	0.27	487318
1984	428260	1884344	0.32	602990
1985	447300	1968120	0.28	551074
1986	450500	2027250	0.33	668992
1987	477700	2197420	0.27	582316
1988	500100	2300460	0.31	713143
1989	521739	2400000	0.34	816000

SOURCE: NCAS

Table 5.4 CHICKEN AND EGG PRODUCTION AND VALUE

	CHICKENS				EGGS		
YEAR	NUMBER ON FARMS (1,000)	POUNDS PRODUCED (1,000)	PRICE ($/LB)	VALUE OF PRODUCTION ($ 1,000)	NUMBER PRODUCED (1,000 DOZ)	PRICE ($/DOZ)	VALUE OF PRODUCTION ($ 1,000)
1950	12393	57240	0.22	12822	106333	0.40	42533
1951	12422	58057	0.26	15037	103750	0.53	54987
1952	12741	57939	0.23	13384	110000	0.47	51700
1953	12470	54423	0.23	12463	112417	0.52	58232
1954	12437	52849	0.19	10253	121667	0.44	53533
1955	12389	50510	0.21	10405	122417	0.45	55332
1956	12523	54898	0.19	10431	140083	0.44	61917
1957	13014	59866	0.17	9938	152500	0.43	65270
1958	13788	60186	0.17	9991	160167	0.47	74958
1959	14481	60547	0.14	8537	171750	0.38	64750
1960	13902	50984	0.15	7444	172583	0.42	72485
1961	14437	56866	0.13	7336	185000	0.41	76220
1962	15247	51291	0.13	6565	204167	0.40	80850
1963	15684	56769	0.13	7210	207583	0.40	82826
1964	16261	58720	0.12	6929	217167	0.39	84261
1965	17450	59686	0.12	7162	219333	0.38	83347
1966	17604	62699	0.13	8151	226417	0.45	102114
1967	19396	62611	0.11	6762	245750	0.37	90682
1968	19073	68630	0.11	7892	252917	0.39	99396
1969	19685	69084	0.13	8981	274583	0.46	125484
1970	21795	73961	0.12	8875	286667	0.44	127280
1971	21595	94508	0.11	10679	281750	0.39	110164
1972	20515	94289	0.11	10655	286083	0.34	98413
1973	20100	84632	0.20	16673	267667	0.59	157656
1974	18700	90122	0.15	13518	253083	0.64	161973
1975	18000	81843	0.21	17105	233500	0.62	145470
1976	18800	77438	0.20	15333	229667	0.67	154107
1977	19400	91943	0.19	17469	237167	0.66	157242
1978	20700	77375	0.21	16636	256750	0.62	158671
1979	20800	80410	0.20	16484	262917	0.66	173788
1980	19300	99610	0.16	16137	264500	0.66	175363
1981	19000	89680	0.14	12645	256750	0.68	174333
1982	19600	68375	0.14	9367	262417	0.66	173982
1983	20000	81920	0.18	14909	262667	0.65	171784
1984	20170	70790	0.22	15291	270500	0.89	239933
1985	21250	93600	0.21	19656	274500	0.77	211639
1986	21560	93220	0.16	14915	273250	0.78	212042
1987	20940	94400	0.14	13216	270917	0.69	187474
1988	21974	99060	0.11	10897	283000	0.67	190459
1989	20629	93000	0.14	13020	275000	0.81	222750

SOURCE: NCAS

Table 5.5 TURKEY PRODUCTION AND VALUE

YEAR	NUMBER RAISED (1,000)	POUNDS PRODUCED (1,000)	PRICE ($/LB)	VALUE OF PRODUCTION ($ 1,000)
1950	557	9302	0.38	3544
1951	780	13807	0.39	5412
1952	1016	17373	0.36	6324
1953	1107	18154	0.35	6427
1954	1207	21726	0.31	6735
1955	1051	18708	0.31	5781
1956	1293	23532	0.30	7036
1957	1824	31920	0.25	7980
1958	1718	30237	0.27	8255
1959	1677	30522	0.26	8088
1960	1796	33945	0.26	8826
1961	2765	51982	0.23	11800
1962	2339	45376	0.22	9847
1963	2721	52756	0.22	11501
1964	4095	73751	0.22	16151
1965	4690	84501	0.22	19013
1966	6133	109279	0.24	25790
1967	6937	117490	0.21	24203
1968	8276	154627	0.21	32472
1969	9419	168377	0.22	37211
1970	9579	176254	0.22	38247
1971	10168	177940	0.23	40570
1972	12035	197374	0.22	44212
1973	13078	226249	0.38	86201
1974	14944	260026	0.29	74367
1975	14400	241920	0.37	89994
1976	16700	283900	0.35	99365
1977	16500	290400	0.38	110062
1978	18854	324289	0.43	139444
1979	23100	397320	0.41	162901
1980	24750	413325	0.40	165330
1981	26800	469000	0.38	178220
1982	27500	486750	0.41	199567
1983	29350	531235	0.39	207182
1984	30400	550240	0.52	286125
1985	31850	595595	0.50	297798
1986	39100	727260	0.47	341812
1987	48350	918650	0.34	312341
1988	47900	938840	0.36	337982
1989	50765	995000	0.40	398000

SOURCE: NCAS

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