Table 3. Farm Production Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Total farm production expenses	Farms 702 (X) (X) 218 187 143 61 37 35 9 12 248 (X) (X) 139 74 13 12 6 3 1 - 393 (X) (X) 140 156 31 29 21 8 5 3 219 (X) (X)	Expenses (\$1,000) 29 736 42 359 609 1 342 2 039 2 694 5 484 3 312 12 247 (X) 1 146 3.9 44 197 79 (D)	1982 (NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA	(NA (NA (NA (NA (NA (NA (NA (NA (NA (NA
S1,000_ Average per farm	218 187 143 61 37 35 9 12 248 (X) 139 74 13 12 63 3 1 1 2 1 2 1 3 1 3 1 2 1 2 1 2 1 2 1	42 359 609 1 342 2 039 2 019 2 884 5 484 3 312 12 247 (X) 1 146 3 9 44 197 79 (D)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA
S1,000_ Average per farm	218 187 143 61 37 35 9 12 248 (X) (X) 139 74 13 12 6 3 1 1 2 6 3 1 1 2 8 1 2 9 2 1 1 2 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	42 359 609 1 342 2 039 2 019 2 884 5 484 3 312 12 247 (X) 1 146 3 9 44 197 79 (D)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA (NA (NA (NA (NA (NA (NA (NA (NA (NA
\$1 to \$4,999	187 143 61 37 35 9 12 248 (X) (X) 139 74 13 12 6 3 1 1 2 6 3 1 1 2 8 5 3 1 2 8 1 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 342 2 019 2 694 5 484 3 312 12 247 (X) 1 146 3.9 44 197 79 (D) (D) (D) (D) 3 684 12.4 41 343 253 545 704 508 411 879 2 843	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA (NA (NA (NA (NA (NA (NA (NA (NA 1 198 (NA 4 24) 4 30 4 941 (NA 1 400 4 941 (NA
\$5,000 to \$49,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$250,000 to \$49,999 \$250,000 to \$49,999 \$250,000 or more Livestock and poultry purchased	187 143 61 37 35 9 12 248 (X) (X) 139 74 13 12 6 3 1 1 2 6 3 1 1 2 8 5 3 1 2 8 1 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 342 2 019 2 694 5 484 3 312 12 247 (X) 1 146 3.9 44 197 79 (D) (D) (D) (D) 3 684 12.4 41 343 253 545 704 508 411 879 2 843	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA (NA (NA (NA (NA (NA (NA (NA (NA (NA
\$10,000 to \$24,999 \$25,000 to \$49,999 \$100,000 to \$249,999 \$250,000 to \$49,999 \$500,000 or more Livestock and poultry purchased	143 61 37 35 9 12 248 (X) (X) 139 74 13 12 6 3 1 1 - 393 (X) (X)	2 039 2 019 2 884 5 484 3 312 12 247 (X) 1 146 3.9 44 197 79 (D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA (NA (NA (NA (NA (NA (NA 10) 66 4 33 4 (NA 400 4 94 (NA
\$50,000 to \$99,999 \$100,000 to \$499,999 \$500,000 or more Livestock and poultry purchased	37 35 9 12 248 (X) 139 74 13 12 6 3 3 1 - 3993 (X) (X)	2 684 5 484 3 312 12 247 (X) 1 146 3.9 44 197 79 (D) (D) (D) 3 684 12.4 41 343 253 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 705 704 705 704 705 705 705 705 705 705 705 705 705 705	(NA) (NA) (NA) (NA) (NA) (NA) 137 80 16 25 4 426 5 347 (NA) 132 177 28 80 9	(NA (NA (NA (NA 24 1 19 (NA 10 6 4 4 3 3 4 0 4 9 4 (NA 10 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10
\$100,000 to \$249,999	35 9 12 248 (X) (X) 139 74 13 12 6 3 1 1 - 393 (X) (X) 140 156 31 12 156 31 12 156 31 156 31 156 31 31 32 32 32 32 32 32 32 32 32 32 32 32 32	5 484 3 312 12 247 (X) 1 146 3.9 44 197 79 (D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	(NA) (NA) (NA) (NA) 262 1 271 (NA) 137 80 16 25 4 4 4 5 347 (NA) 132 177 28 80 9	(NA (NA (NA 244 1 19 (NA 10 6 4 33 400 4 94 (NA 141 10
\$250,000 to \$499,999 \$500,000 or more Livestock and poultry purchased	9 12 248 (X) (X) 139 74 13 12 6 3 1 1 - 393 (X) (X) 140 156 31 29 21 8 5 3	3 312 12 247 (X) 1 146 3.9 44 197 79 (D) (D) 3 684 12.4 41 343 253 545 704 411 879 (2 843	(NA) (NA) 262 1 271 (NA) 137 80 16 25 4 4 426 5 347 (NA) 132 177 28 80 9	(NA (NA 24: 1 19: 1 19: (NA 10: 4 3: 40: 4 94 (NA 14: 10: 4 14:
\$500,000 or more Livestock and poultry purchased	248 (X) (X) 139 74 13 12 6 3 3 1 - 393 (X) (X) 140 156 31 29 21 8 5	12 247 (X) 1 146 3.9 44 197 79 (D) (D) (D) (D) (D) (D) (D) (E) (X) 3 684 12.4 41 343 253 545 704 508 411 879 (X) 2 843	(NA) 262 1 271 (NA) 137 80 16 25 4 426 5 347 (NA) 132 177 28 80 9	(N/ 24 1 19 (N/ 10 4 4 4 94 4 94 (N/ 14 10
\$1,000	(X) (X) 139 74 13 12 6 3 1 1 - 393 (X) (X) 140 156 31 29 21 21 8 5 3	3.9 44 197 79 (D) (D) (D) 3 684 12.4 41 343 253 545 704 508 411 879 2 843	1 271 (NA) 137 80 16 25 4 426 5 347 (NA) 132 177 28 80 9	1 19 (NA 10 6 4 3 40 4 94 (NA 14 10
Farms with expenses of— \$1 to \$999	139 74 13 12 6 3 1 - 393 (X) (X) 140 156 31 29 21 8 5 3	3.9 44 197 79 (D) (D) (D) 3 684 12.4 41 343 253 545 704 508 411 879 2 843	(NA) 137 80 16 25 4 4 5 347 (NA) 132 177 28 80 9	(NA 10 6 4 3 4 94 (NA 14 10
\$1 to \$999. \$1,000 to \$4,999 \$25,000 to \$4,999 \$25,000 to \$49,999 \$100,000 to \$24,999 \$250,000 or \$9,999 \$250,000 or more Feed for livestock and poultry	74 13 12 6 3 1 1 393 (X) (X) 140 156 31 29 21 8 5 3	197 79 (D) (D) (D) (D) 3 684 12.4 41 343 253 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 545 704 704 705 704 705 704 705 705 705 705 705 705 705 705	80 16 25 4 426 5 347 (NA) 132 177 28 80 9	6 4 4 4 4 94 (NA 14 10
\$5,000 to \$9,999 \$10,000 to \$24,999' \$25,000 to \$49,999 \$50,000 to \$249,999 \$250,000 or more Feed for livestock and poultry farms \$1,000 percent of total \$1 to \$999 \$10,000 to \$2,999 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999' \$25,000 to \$49,999 \$25,000 to \$9,999 \$10,000 to \$24,999' \$25,000 to \$9,999 \$10,000 to \$7,999 \$25,000 to \$9,999 \$10,000 to \$7,999 \$25,000 to \$1,999	13 12 6 3 1 1 - 393 (X) (X) 140 156 31 29 21 29 21 8	79 (D) (D) 3 684 12.4 41 343 253 545 704 508 411 879 (2 843	16 25 4 426 5 347 (NA) 132 177 28 80 9	40 4 94 (N/ 14 10
\$10,000 to \$24,9991 \$25,000 to \$49,999 \$50,000 to \$49,999 \$100,000 to \$249,999 \$250,000 or more Feed for livestock and poultry farms \$1,000_ percent of total_ Farms with expenses of— \$1 to \$999 \$1,000 to \$4,999 \$10,000 to \$4,999 \$10,000 to \$4,999 \$25,000 to \$4,999 \$25,000 to \$4,999 \$25,000 to \$4,999 \$25,000 to \$79,999 \$30,000 to \$99,999 \$100,000 or more Commercially mixed formula feeds \$1,000_ percent of total_ Farms with expenses of—	12 6 3 1 - 393 (X) (X) (X) 140 156 31 29 21 8 5 3	(D)	25 4 4 426 5 347 (NA) 132 177 28 80 9	40 4 94 (NA 14 10 4
\$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999 \$250,000 or more Feed for livestock and poultry	393 (X) (X) 140 156 31 29 21 8 5 3	(D) (C) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D	426 5 347 (NA) 132 177 28 80 9	40 4 94 (N/ 14 10
\$50,000 to \$99,999 \$100,000 to \$24,999 \$250,000 or more Farms with expenses of— \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$4,999 \$5,000 to \$4,999 \$50,000 to \$4,999 \$25,000 to \$79,999	393 (X) (X) (X) 140 156 31 29 21 8 5 3	(D) (D) 3 684 12.4 41 343 253 545 704 411 879 (X) 2 843	132 177 28 80 9	4 94 (N/ 14 10
\$250,000 or more Feed for livestock and poultry	393 (X) (X) (X) 140 156 31 29 21 8 5 3	(X) 3 684 12.4 41 343 253 545 704 508 411 879 (X) 2 843	132 177 28 80 9	4 94 (N/ 14 10
Feed for livestock and poultry	(X) (X) 140 156 31 29 21 8 5 3	12.4 41 343 253 545 708 411 879 (X) 2 843	5 347 (NA) 132 177 28 80 9	4 94 (N/ 14 10
\$1,000_ percent of total \$1 to \$999	(X) (X) 140 156 31 29 21 8 5 3	12.4 41 343 253 545 708 411 879 (X) 2 843	5 347 (NA) 132 177 28 80 9	4 94 (NA 14 10 4
Farms with expenses of— \$1 to \$999. \$1,000 to \$4,999. \$5,000 to \$9,999. \$10,000 to \$24,999¹ \$25,000 to \$49,999. \$50,000 to \$79,999. \$80,000 to \$79,999. \$100,000 or more Commercially mixed formula feeds farms. \$1,000. percent of total Farms with expenses of—	140 156 31 29 21 28 5 3	41 343 253 545 704 508 411 879 (X) 2 843	132 177 28 80 9	14 10 4
\$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,9991 \$25,000 to \$49,999 \$50,000 to \$79,999 \$80,000 to \$99,999 \$100,000 or more Commercially mixed formula feeds	156 31 29 21 8 5 3	343 253 545 704 508 411 879 (X) 2 843	177 28 80 9	10
\$5,000 to \$9,999 \$10,000 to \$24,9991 \$25,000 to \$49,999 \$50,000 to \$79,999 \$80,000 to \$99,999 \$100,000 or more Commercially mixed formula feeds	31 29 21 8 5 3 219 (X)	253 545 704 508 411 879 (X)	28 80 - 9 - 238	4
\$10,000 to \$24,999¹ \$25,000 to \$49,999 \$50,000 to \$79,999 \$80,000 to \$99,999 \$100,000 or more Commercially mixed formula feeds	29 21 8 5 3 219 (X)	545 704 508 411 879 (X) 2 843	9 - 238	
\$50,000 to \$79,999	21 8 5 3 219 (X)	508 1 411 379 1 (X) 2 843	9	
\$80,000 to \$99,999 \$100,000 or more farms \$1,000 percent of total Farms with expenses of —	5 3 219 (X)	411 879 (X) 2 843	238	
\$100,000 or more farms	3 219 (X)	879 「 (X) 2 843	238	
\$1,000 percent of total Farms with expenses of—	(X)	(X) 2 843		
percent of total Farms with expenses of—	8	2 843		30
	1	9.6	4 227 (NA)	3 88 (N/
\$1 to \$999 \$1,000 to \$4,999	88 57	21 141	63 83	12
\$5,000 to \$9,999	19	111	23	5
\$10,000 to \$24,999¹	25	432 7	! _	8
\$25,000 to \$49,999	17 \	530 _	56	
\$50,000 to \$79,999 \$80,000 or more	6 7	1 200	13 -	
eeds, bulbs, plants, and trees farms	237	(XX)	262	41
\$1,000 percent of total	(X)	1 396 4.7	1 021 (NA)	73 (NA
Farms with expenses of—	00	24	440	
\$1 to \$499 \$500 to \$999	96 59	21 37	142 45	23 6
\$1,000 to \$4,999	47	85	51	7
\$5,000 to \$9,999	ii	(D)	7	i
\$10,000 to \$19,999	7	(D) _	5	1
\$20,000 to \$24,999 \$25,000 or more	2 15	(O) (D) (D)	12	1
ommercial fertilizer ² farms	399	œ	446	44
\$1,000 percent of total	8	1 335 4.5	1 125 (NA)	1 09 (N/
Farms with expenses of — \$1 to \$499		35		•
\$500 to \$999	178 64	46	230	18 7
\$1,000 to \$4,999	111	244	96	13
\$5,000 to \$9,999	24	164	29	2
\$10,000 to \$24,999¹	13	185 🖳	14	t
\$25,000 to \$29,999 \$30,000 to \$49,999	3	129	1 =	
\$50,000 to \$99,999	5	(D) \ -	8	
\$100,000 or more	355	(Q)	283	43
\$1,000	(X)	778 2.6	647	58
Farms with expenses of—			(NA)	(N)
\$1 to \$499	206	27	170	26
\$500 to \$999 \$1,000 to \$4,999	53 63	34	40	5 7:
\$5,000 to \$9,999	18	139 (D)	42 12	1
\$10,000 to \$24,999	9	(D) (D)	'-	•
\$25,000 to \$49,999 \$50,000 or more	4 2	155 (D)	19	1
etroleum productsfarms	659	(3)	725	67
\$1,000_ percent of total_	88	1 390	1 819 (NA)	1 32 (NA
Farms with expenses of—	• • •	i		•
\$1 to \$999 \$1,000 to \$4,999	454 153	140 337	506 148	43 19
\$5,000 to \$9,999	26	183	40	2
\$10,000 to \$24,999¹	16	267 7	26 -	2
\$25,000 to \$39,999	9	(D) (\(\frac{1}{2}\)	20 17	
\$40,000 to \$49,999 \$50,000 or more	- -]	ு ந	5 4	

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Itom	1987				
item	Farms	Expenses (\$1,000)	1982	1978	
Total farm production expenses—Con.					
Electricity farms	452	(X)	509	401	
\$1,000 percent of total	(X)	549 1.8	526 (NA)	334 (NA)	
Farms with expenses of—			· .	, ,	
\$1 to \$499	245	41	282	210	
\$500 to \$999	82 42	58 60	89 62	91 63	
\$2,000 to \$4,999	66⁺	191	60	34	
\$5,000 to \$9,999 \$10,000 to \$24,999	11 5	69 (D)	16		
\$25,000 or more	1	(6)	[]	•	
Hired farm laborfarms	214	, (X)	269	289	
\$1,000 percent of total Farms with expenses of—	(X)	9 536 32.1	5 559 (NA)	4 462 (NA)	
\$1 to \$999	73	16	77	76	
\$1,000 to \$4,999	40	104	104	103	
\$5,000 to \$9,999 \$10,000 to \$24,999¹	26 26 19 7	170	19	55 	
\$25,000 to \$49,999	19	(D) 675	50	∤ ᡶ	
\$50,000 to \$79,999	7	(D) (D)	Π	- ا	
\$80,000 to \$99,999	2 21	(D) 7 529	19	[1]	
Contract laborfarms	66	(X)	42	28	
\$1,000_ percent of total_	(X)	(X) 531 1.8	118 (NA)	76 (NA)	
Farms with expenses of —	**			, ,	
\$1 to \$999 \$1,000 to \$4,999	18 33	7 69	16 20	14	
\$5,000 to \$9,999	9	59	3		
\$10,000 to \$24,999	3	56	l¬		
\$25,000 to \$49,999	1 2	(D) (D)	3	2	
\$50,000 or more	2	(0)]		
Repair and maintenance	588 (X) (X)	(X) 1 744	(NA) (NA)	(NA (NA	
Farms with expenses of—	(×)	5.9	(NA)	(NA)	
\$1 to \$999	327	130	(NA)	(NA)	
\$1,000 to \$4,999	187	411	(NA)	(NA)	
\$5,000 to \$9,999 \$10,000 to \$24,999	35 29	218 397	(NA)	(NA) (NA)	
\$25,000 to \$49,999	5	191	(NA) (NA)	(NA)	
\$50,000 or more	5	397	(NA)	(NA)	
Customwork, machine hire, and rental of machinery and equipment3 farms	97	(X)	114	104	
\$1,000\ percent of total	(X)	183 .6	164 (NA)	108 (NA)	
Farms with expenses of –					
\$1 to \$999 \$1,000 to \$4,999	67 21	22 ° 45	86 22	74 26	
\$5,000 to \$9,999	4	28	4	3	
\$10,000 to \$24,999	3	(D) (D)	l7 ·	_	
\$25,000 to \$49,999 \$50,000 or more	2 -	(0)	2	1	
Interest ⁴ farms	239	(X)	210	(NA)	
\$1,000	(X)	1 298 4.4	1 569	(NA) (NA)	
Farms with expenses of—	(^/	4.4	(NA)	(140)	
\$1 to \$999	44	24	52	(NA)	
\$1,000 to \$4,999	129	283 230	91 29	(NA) (NA)	
\$5,000 to \$8,999 \$10,000 to \$24,999 \$25,000 to \$49,999	129 35 22 5	295	7	(iac)	
\$25,000 to \$49,999	5	175	38	(NA)	
\$50,000 to \$99,999 \$100,000 or more	4	291		(10)	
Interest paid on debt:					
Secured by real estateNot secured by real estate	177 105	875 423	(NA) (NA)	(NA) (NA)	
•	105	423	(1474)	(144)	
Cash rent	122 (X)	(X) 786	(NA) (NA)	(NA) (NA)	
percent of total	(X)	2.6	(NA)	(NA) (NA)	
Farms with expenses of — \$1 to \$499	44	8	(NA)	(NA)	
\$500 to \$999	11	8	(NA)	(NA)	
\$1.000 to \$4.999	40	104	(NA)	(NA	
\$5,000 to \$9,999 \$10,000 to \$24,999	15	107 59	(NA) (NA)	(NA (NA	
\$25,000 to \$49,999	5	197	(NA)	(NA (NA	
\$50,000 or more	3	304	(NA)	(NA)	
	635 (X)	(X) 1 795	(NA) (NA)	(NA) (NA)	
Property taxes paidfarms	7.7	6.0	(NA)	(NA	
\$1,000 percent of total	(X)	5.0			
\$1,000 percent of total	(X) 58	12	(NA)	(NA)	
\$1,000 percent of total Farms with expenses of— \$1 to \$499 \$500 to \$999	58 88	12 62	(NA)	(NA)	
\$1,000 percent of total Farms with expenses of — \$1 to \$499	58 88 402	12 62 982	(NA) (NA)	(NA) (NA) (NA)	
\$1,000 percent of total Farms with expenses of— \$1 to \$499 \$500 to \$999	58 88	12 62	(NA)	(NA)	

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

	1987			
ltem	Farms	Expenses (\$1,000)	1982	1978
Total farm production expenses—Con.				
All other farm production expensesfarms	624 (X) (X)	(X) 3 583 12.0	(NA) (NA) (NA)	(NA) (NA) (NA)
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$9,999	357 173 33	129 392 224	(NA) (NA) (NA) (NA)	(NA) (NA) (NA)
\$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 or more	30 17 7 7	458 572 415 1 393	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)

Table 4. Net Cash Return From Agricultural Sales: 1987

Item	All farms	Farms with sales of \$10,000 or more	Farms with sales of less than \$10,000
Net cash return from agricultural sales for the farm unit (see text)	702	232	470
	7 443	9 377	-1 934
	10 603	40 420	-4 115
Farms with net gains¹number	285	178	107
	10 207	9 934	273
	35 812	55 808	2 549
Gain of— Less than \$1,000 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	46	9	37
	72	14	58
	36	24	12
	43	43	-
	38	38	-
	50	50	-
Farms with net lossesnumber	417	54	363
	2 763	556	2 207
	6 626	10 303	6 079
Loss of— Less than \$1,000 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	73 153 130 50 5 5	7 20 15 8 1 1 3	66 133 115 42 4 4

Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

¹Data for 1978 are for \$10,000 or more.

²Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

³Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.

⁴Data for 1982 do not include imputation for item nonresponse.