

Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969

	Total	Full owners	Part owners	Tenants
<b>Farms and Land in Farms</b>				
Class 1-5 farms . . . . . number . . . . .	1 733 683	881 121	581 271	271 291
percent . . . . .	100.0	50.8	33.5	15.6
Land in farms . . . . . acres . . . . .	918 312 613	263 270 262	528 436 481	126 605 870
Average size of farm . . . . . acres . . . . .	929.7	298.7	909.1	466.6
Value of land and buildings . . . . . dollars . . . . .	179 481 133 630	59 826 422 590	88 594 719 217	31 059 991 823
Average per farm . . . . . dollars . . . . .	103 526	67 898	152 415	114 489
Average per acre . . . . . dollars . . . . .	195.45	227.24	167.65	245.32
Number of farms by value of farm:				
\$1 to \$9,999 . . . . .	99 522	73 320	6 506	19 696
\$10,000 to \$19,999 . . . . .	174 329	127 600	24 511	22 218
\$20,000 to \$39,999 . . . . .	370 405	249 585	78 033	42 787
\$40,000 to \$69,999 . . . . .	380 471	208 424	117 661	54 386
\$70,000 to \$99,999 . . . . .	220 627	90 251	91 643	38 733
\$100,000 to \$149,999 . . . . .	198 305	62 177	98 631	37 497
\$150,000 to \$199,999 . . . . .	103 480	26 690	55 778	21 012
\$200,000 to \$499,999 . . . . .	148 397	33 685	86 235	28 477
\$500,000 and over . . . . .	38 147	9 389	22 273	6 485
Owned and rented lands by farm operator:				
Land owned . . . . . farms . . . . .	1 471 901	881 121	581 271	9 509
acres . . . . .	582 203 840	287 883 304	290 426 376	3 894 160
Land rented or leased from others . . . . . farms . . . . .	857 606	5 044	581 271	271 291
acres . . . . .	382 691 621	1 173 503	252 621 753	128 896 365
Land rented or leased to others . . . . . farms . . . . .	188 541	123 564	49 223	15 754
acres . . . . .	46 582 848	25 786 545	14 611 648	6 184 655
<b>Land in Farms According to Use</b>				
Total cropland . . . . . farms . . . . .	1 647 985	820 044	568 579	259 362
acres . . . . .	417 430 383	127 851 275	220 845 950	68 733 158
Harvested cropland . . . . . farms . . . . .	1 571 866	762 903	556 266	252 697
acres . . . . .	261 137 583	72 259 109	140 975 976	47 902 498
Number of farms by acres harvested:				
1 to 49 acres . . . . .	472 721	332 267	90 541	49 913
50 to 99 acres . . . . .	335 124	202 508	86 783	45 833
100 to 199 acres . . . . .	359 859	149 032	138 382	72 445
200 to 499 acres . . . . .	310 594	66 423	174 554	69 617
500 to 999 acres . . . . .	73 583	10 031	51 387	12 165
1,000 acres and over . . . . .	19 985	2 642	14 619	2 724
1,000 to 1,999 acres . . . . .	16 451	2 074	12 104	2 273
2,000 acres and over . . . . .	3 534	568	2 515	451
Cropland used only for pasture or grazing . . . . . farms . . . . .	869 354	459 339	300 640	109 375
acres . . . . .	69 005 769	31 492 469	29 927 184	7 586 116
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured . . . . . farms . . . . .	310 417	150 355	113 185	46 877
acres . . . . .	14 838 072	5 520 556	7 020 192	2 297 324
Cropland on which all crops failed . . . . . farms . . . . .	81 921	33 200	35 954	12 767
acres . . . . .	4 524 975	1 258 884	2 533 310	732 781
Cropland in cultivated summer fallow . . . . . farms . . . . .	275 581	102 426	130 329	42 826
acres . . . . .	44 463 252	9 091 680	28 857 949	6 513 623
Cropland idle . . . . . farms . . . . .	416 245	198 268	151 473	66 504
acres . . . . .	23 460 732	8 228 577	11 531 339	3 700 816
Total woodland . . . . . farms . . . . .	737 150	424 225	247 085	65 840
acres . . . . .	78 160 889	39 556 568	33 019 670	5 584 651
Woodland pastured . . . . . farms . . . . .	440 881	257 274	145 284	38 323
acres . . . . .	41 756 401	19 355 792	19 141 041	3 259 568
Woodland not pastured . . . . . farms . . . . .	451 131	255 133	157 248	38 750
acres . . . . .	36 404 488	20 200 776	13 878 629	2 325 083
Pastureland and rangeland (other than cropland and woodland pasture) . . . . . farms . . . . .	591 864	279 136	239 011	73 717
acres . . . . .	389 493 412	82 893 230	258 538 924	48 061 258
Improved pastureland and rangeland . . . . . farms . . . . .	261 001	133 038	100 791	27 172
acres . . . . .	43 842 224	16 127 061	23 508 666	4 206 497
Pastureland and rangeland not improved . . . . . farms . . . . .	416 480	186 917	175 894	53 669
acres . . . . .	345 651 188	66 766 169	235 030 258	43 854 761
All other land (see text) . . . . . farms . . . . .	1 217 400	633 612	418 092	165 696
acres . . . . .	33 227 929	12 969 189	16 031 937	4 226 803
Total pastureland (all types) . . . . . farms . . . . .	1 279 070	655 697	457 547	165 826
acres . . . . .	500 255 582	133 741 491	307 607 149	58 906 942
Irrigated land . . . . . farms . . . . .	213 162	98 283	80 471	34 408
acres . . . . .	38 195 536	10 713 052	20 637 188	6 845 296
Cropland harvested . . . . . farms . . . . .	204 320	93 087	77 756	33 477
acres . . . . .	32 646 155	8 677 587	17 738 001	6 230 567
Artificial drainage . . . . . farms . . . . .	338 696	148 407	128 915	61 374
acres . . . . .	59 550 697	17 059 589	30 346 095	12 145 013
Conservation practices:				
Grain or row crops farmed on the contour . . . . . farms . . . . .	147 396	57 222	64 387	25 787
acres . . . . .	14 572 224	3 437 116	8 331 160	2 803 948
Stripcropping systems to control erosion . . . . . farms . . . . .	62 672	26 576	28 425	7 671
acres . . . . .	12 447 013	2 883 509	8 126 471	1 437 033
Cropland and pastureland having terraces . . . . . farms . . . . .	117 294	45 574	54 002	17 718
acres . . . . .	16 435 486	4 135 183	9 679 219	2 621 084

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
<b>Color and Tenure of Farm Operators</b>				
All farm operators .....	1 733 683	881 121	581 271	271 291
Full owners .....	881 121	881 121	-	-
Part owners .....	581 271	-	581 271	-
Tenants .....	271 291	-	-	271 291
White farm operators .....	1 697 153	865 174	570 589	261 390
Full owners .....	865 174	865 174	-	-
Part owners .....	570 589	-	570 589	-
Tenants .....	261 390	-	-	261 390
Negro farm operators .....	25 649	10 630	7 873	7 146
Full owners .....	10 630	10 630	-	-
Part owners .....	7 873	-	7 873	-
Tenants .....	7 146	-	-	7 146
<b>Farms by Type of Organization</b>				
Individual or family .....	1 480 565	775 556	491 002	214 007
farms .....	1 480 565	775 556	491 002	214 007
acres .....	665 692 881	206 553 430	373 161 309	85 978 142
Partnership .....	221 535	90 543	81 198	49 794
farms .....	221 535	90 543	81 198	49 794
acres .....	163 387 960	39 112 470	94 761 445	29 514 045
Corporation, including family owned .....	21 513	10 240	7 203	4 070
farms .....	21 513	10 240	7 203	4 070
acres .....	80 831 188	14 426 227	56 677 217	9 727 744
10 or fewer shareholders .....	19 716	9 284	6 660	3 772
acres .....	66 471 436	11 402 864	46 357 577	8 710 995
More than 10 shareholders .....	1 797	956	543	298
farms .....	1 797	956	543	298
acres .....	14 359 752	3 023 363	10 319 640	1 016 749
Other .....	10 070	4 782	1 868	3 420
farms .....	10 070	4 782	1 868	3 420
acres .....	8 400 584	3 178 135	3 836 510	1 385 939
<b>Farm Operator Characteristics</b>				
Farm operators by age groups:	1 733 683	881 121	581 271	271 291
Under 25 years .....	32 231	9 050	5 870	17 311
25 to 34 years .....	180 476	61 783	57 754	60 939
35 to 44 years .....	349 593	145 037	138 140	66 416
45 to 54 years .....	488 609	235 125	188 225	65 259
55 to 64 years .....	457 321	265 374	146 165	45 782
65 years and over .....	225 453	164 752	45 117	15 584
Average age .....	50.3	53.3	49.0	43.5
Farm operators by place of residence:	1 344 557	672 003	488 018	184 536
On farm operated .....	1 344 557	672 003	488 018	184 536
Not on farm operated .....	246 509	121 517	58 649	66 343
Farm operators reporting days of work	750 470	386 138	235 088	129 244
off farm .....	750 470	386 138	235 088	129 244
1 to 49 days .....	198 086	70 834	86 204	41 048
50 to 99 days .....	79 052	32 960	29 002	17 090
100 to 199 days .....	112 228	56 873	34 723	20 632
200 days and over .....	361 104	225 471	85 159	50 474
<b>Farms by Size</b>				
1 to 9 acres .....	53 331	40 365	2 062	10 904
10 to 49 acres .....	130 523	94 025	16 050	20 448
50 to 69 acres .....	65 950	45 494	11 655	8 801
70 to 99 acres .....	137 691	99 250	21 773	16 668
100 to 139 acres .....	170 027	114 055	34 731	21 241
140 to 179 acres .....	192 782	120 487	40 261	32 034
180 to 219 acres .....	130 942	71 202	39 583	20 157
220 to 259 acres .....	121 017	58 104	41 156	21 757
260 to 499 acres .....	379 693	143 805	165 759	70 129
500 to 999 acres .....	205 041	59 625	113 263	32 153
1,000 to 1,999 acres .....	88 274	22 033	55 450	10 791
2,000 acres and over .....	58 412	12 676	39 528	6 208
<b>Farms by Economic Class</b>				
Class 1a—Sales of \$100,000 and over .....	51 995	18 338	26 727	6 930
Class 1b— " \$40,000 to \$99,999 .....	169 695	55 355	87 018	27 322
Class 2— " \$20,000 to \$39,999 .....	330 992	120 500	150 411	60 081
Class 3— " \$10,000 to \$19,999 .....	395 472	181 438	145 666	68 368
Class 4— " \$5,000 to \$9,999 .....	390 425	231 342	100 529	58 554
Class 5— " \$2,500 to \$4,999 .....	395 104	274 148	70 920	50 036
<b>Farms by Type (see text)</b>				
Cash-grain farms .....	369 312	128 267	150 968	90 077
Tobacco farms .....	89 903	44 037	24 567	21 299
Cotton farms .....	40 534	11 537	16 951	12 046
Other field-crop farms .....	31 190	10 811	13 409	6 970
Vegetable farms .....	19 660	8 581	7 376	3 703
Fruit and nut farms .....	53 754	43 324	7 700	2 730
Poultry farms .....	57 545	46 964	8 522	2 059
Dairy farms .....	260 956	145 589	88 403	26 964
Livestock farms other than poultry and dairy farms .....	568 201	318 995	175 324	73 882
Livestock ranches .....	79 683	34 915	34 961	9 807
General farms .....	126 527	59 314	48 468	18 745
Miscellaneous farms .....	36 418	28 787	4 622	3 009

Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
<b>Value of Products Sold</b>				
Market value of all agricultural products sold . . . . . farms . . . . . dollars . . . . .	1 733 683 44 521 257 997	881 121 17 691 656 083	581 271 19 854 262 411	271 291 6 975 339 503
<b>Farms by value of agricultural products sold:</b>				
Under \$2,500 (see text) . . . . .	37 182	25 442	6 062	5 678
\$2,500 to \$4,999 . . . . .	357 922	248 706	64 858	44 358
\$5,000 to \$7,499 . . . . .	226 685	140 197	53 902	32 586
\$7,500 to \$9,999 . . . . .	163 740	91 145	46 627	25 968
\$10,000 to \$14,999 . . . . .	230 979	111 974	79 539	39 466
\$15,000 to \$19,999 . . . . .	164 493	69 464	66 127	28 902
\$20,000 to \$29,999 . . . . .	212 728	80 198	93 894	38 636
\$30,000 to \$39,999 . . . . .	118 264	40 302	56 517	21 445
\$40,000 to \$59,999 . . . . .	101 085	32 782	51 219	17 084
\$60,000 to \$79,999 . . . . .	45 113	14 695	23 438	6 980
\$80,000 and over . . . . .	75 492	26 216	39 088	10 188
Grains sold . . . . . farms . . . . . dollars . . . . .	1 021 065 8 108 039 436	406 921 1 813 032 004	412 707 4 392 950 848	201 437 1 902 056 584
<b>Number of farms by value of grains sold:</b>				
\$1 to \$2,499 . . . . .	397 781	215 840	123 541	58 400
\$2,500 to \$4,999 . . . . .	201 374	88 973	71 489	40 912
\$5,000 to \$9,999 . . . . .	188 461	60 533	84 168	43 760
\$10,000 to \$19,999 . . . . .	137 273	29 262	73 958	34 053
\$20,000 to \$39,999 . . . . .	69 489	9 417	42 002	18 070
\$40,000 and over . . . . .	26 687	2 896	17 549	6 242
Tobacco sold . . . . . farms . . . . . dollars . . . . .	162 878 994 745 989	89 924 387 435 969	44 598 395 471 354	28 356 211 838 666
<b>Number of farms by value of tobacco sold:</b>				
\$1 to \$2,499 . . . . .	55 691	39 506	11 673	4 512
\$2,500 to \$4,999 . . . . .	48 215	28 073	11 547	8 595
\$5,000 to \$9,999 . . . . .	34 860	15 616	10 310	8 934
\$10,000 to \$19,999 . . . . .	16 924	5 064	7 112	4 748
\$20,000 to \$39,999 . . . . .	5 926	1 293	3 231	1 402
\$40,000 and over . . . . .	1 262	372	725	165
Cotton and cottonseed sold . . . . . farms . . . . . dollars . . . . .	134 971 1 050 731 699	43 611 185 881 406	60 215 636 907 159	31 145 227 943 134
<b>Number of farms by value of cotton etc. sold:</b>				
\$1 to \$2,499 . . . . .	67 628	29 124	24 199	14 305
\$2,500 to \$4,999 . . . . .	24 603	7 022	11 192	6 389
\$5,000 to \$9,999 . . . . .	18 905	3 908	9 999	4 998
\$10,000 to \$19,999 . . . . .	12 595	1 936	7 481	3 178
\$20,000 to \$39,999 . . . . .	6 934	971	4 492	1 471
\$40,000 and over . . . . .	4 306	650	2 852	804
Field seeds, hay, forage, and silage sold . . . . . farms . . . . . dollars . . . . .	382 527 901 102 146	177 660 324 020 482	151 164 447 294 426	53 703 129 787 238
<b>Number of farms by value of field seeds etc. sold:</b>				
\$1 to \$2,499 . . . . .	304 538	146 234	115 253	43 051
\$2,500 to \$4,999 . . . . .	43 647	19 390	18 403	5 854
\$5,000 to \$9,999 . . . . .	20 853	7 973	10 079	2 801
\$10,000 to \$19,999 . . . . .	8 370	2 752	4 433	1 185
\$20,000 to \$39,999 . . . . .	3 283	955	1 823	505
\$40,000 and over . . . . .	1 836	356	1 173	307
Other field crops sold . . . . . farms . . . . . dollars . . . . .	95 169 1 535 023 596	35 220 303 330 146	41 714 964 165 425	18 235 267 528 025
<b>Number of farms by value of other field crops sold:</b>				
\$1 to \$2,499 . . . . .	34 896	17 203	11 995	5 698
\$2,500 to \$4,999 . . . . .	16 848	6 785	6 537	3 526
\$5,000 to \$9,999 . . . . .	15 283	4 861	6 937	3 485
\$10,000 to \$19,999 . . . . .	12 944	3 256	6 830	2 859
\$20,000 to \$39,999 . . . . .	8 471	1 838	5 095	1 538
\$40,000 and over . . . . .	6 727	1 277	4 320	1 130
Vegetables, sweet corn, and melons sold . . . . . farms . . . . . dollars . . . . .	68 943 1 271 324 702	29 050 210 916 982	29 497 696 311 001	10 396 364 096 719
<b>Number of farms by value of vegetables etc. sold:</b>				
\$1 to \$2,499 . . . . .	34 155	16 629	13 028	4 498
\$2,500 to \$4,999 . . . . .	11 562	5 310	4 537	1 715
\$5,000 to \$9,999 . . . . .	8 507	3 442	3 752	1 313
\$10,000 to \$19,999 . . . . .	5 783	1 896	3 001	886
\$20,000 to \$39,999 . . . . .	3 916	998	2 225	693
\$40,000 and over . . . . .	5 020	775	2 954	1 291
Fruits, nuts, and berries sold . . . . . farms . . . . . dollars . . . . .	85 821 1 720 195 216	60 208 1 103 171 131	20 562 512 571 928	5 051 104 452 157
<b>Number of farms by value of fruits etc. sold:</b>				
\$1 to \$2,499 . . . . .	27 810	16 647	9 235	1 928
\$2,500 to \$4,999 . . . . .	14 260	11 372	2 139	749
\$5,000 to \$9,999 . . . . .	14 666	11 787	2 147	732
\$10,000 to \$19,999 . . . . .	11 653	8 867	2 136	650
\$20,000 to \$39,999 . . . . .	8 911	6 291	2 132	488
\$40,000 and over . . . . .	8 521	5 244	2 773	504

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total		Full owners		Part owners		Tenants	
Poultry and poultry products sold . . . farms . . . dollars . . .	3	196 643 912 457	2	115 933 889 782 228	807	57 693 032 362	210	23 017 097 867
Number of farms by value of poultry and poultry products sold:								
\$1 to \$2,499 . . . . .		127 934		64 564		43 821		19 549
\$2,500 to \$4,999 . . . . .		10 228		6 027		3 075		1 126
\$5,000 to \$9,999 . . . . .		7 080		4 899		1 722		459
\$10,000 to \$19,999 . . . . .		9 262		7 182		1 645		435
\$20,000 to \$39,999 . . . . .		16 599		13 441		2 610		548
\$40,000 and over . . . . .		25 540		19 820		4 820		900
Dairy products sold . . . . . farms . . . dollars . . .	5	360 102 417 798 133	2	190 622 405 193 250	2 361	125 975 807 675	650	43 505 797 208
Number of farms by value of dairy products sold:								
\$1 to \$2,499 . . . . .		68 817		38 443		21 276		9 098
\$2,500 to \$4,999 . . . . .		50 752		31 231		12 845		6 676
\$5,000 to \$9,999 . . . . .		70 275		41 588		19 905		8 782
\$10,000 to \$19,999 . . . . .		88 512		46 345		32 071		10 096
\$20,000 to \$39,999 . . . . .		60 059		25 679		27 844		6 536
\$40,000 and over . . . . .		21 687		7 336		12 034		2 317
Dairy cattle and calves sold . . . . . farms . . . dollars . . .		332 403 930 825 316		178 114 437 328 567		114 850 368 859 767		39 439 124 676 982
Number of farms by value of dairy cattle and calves sold:								
\$1 to \$2,499 . . . . .		226 705		128 841		71 408		26 456
\$2,500 to \$4,999 . . . . .		66 258		32 012		26 345		7 901
\$5,000 to \$9,999 . . . . .		27 234		12 037		11 772		3 425
\$10,000 to \$19,999 . . . . .		8 638		3 750		3 777		1 111
\$20,000 to \$39,999 . . . . .		2 572		1 073		1 121		378
\$40,000 and over . . . . .		996		401		427		168
Other cattle and calves sold . . . . . farms . . . dollars . . .	13	948 728 086 549 070	5	475 265 208 169 643	6 071	347 124 667 534	1 806	126 339 711 893
Number of farms by value of other cattle and calves sold:								
\$1 to \$2,499 . . . . .		357 130		200 903		109 358		46 869
\$2,500 to \$4,999 . . . . .		235 231		131 275		75 228		28 728
\$5,000 to \$9,999 . . . . .		162 899		75 972		65 184		21 743
\$10,000 to \$19,999 . . . . .		95 806		36 795		45 015		13 996
\$20,000 to \$39,999 . . . . .		52 894		17 497		27 020		8 377
\$40,000 and over . . . . .		44 768		12 823		25 319		6 626
Hogs, sheep, and goats sold . . . . . farms . . . dollars . . .	4	610 470 354 869 503	1	286 911 662 582 720	1 855	220 175 216 323	837	103 384 070 460
Number of farms by value of hogs, sheep, and goats sold:								
\$1 to \$2,499 . . . . .		263 794		138 885		86 944		37 965
\$2,500 to \$4,999 . . . . .		114 576		58 217		37 647		18 712
\$5,000 to \$9,999 . . . . .		107 182		46 451		40 364		20 367
\$10,000 to \$19,999 . . . . .		77 110		28 171		32 366		16 573
\$20,000 to \$39,999 . . . . .		35 418		11 356		16 443		7 619
\$40,000 and over . . . . .		12 390		3 831		6 411		2 148
Other livestock and livestock products sold . . . . . farms . . . dollars . . .		70 692 199 554 557		37 051 146 422 936		25 391 36 416 498		8 250 16 715 123
Number of farms by value of other livestock and livestock products sold:								
\$1 to \$2,499 . . . . .		61 088		30 253		23 460		7 375
\$2,500 to \$4,999 . . . . .		3 560		2 335		876		349
\$5,000 to \$9,999 . . . . .		2 312		1 619		475		218
\$10,000 to \$19,999 . . . . .		1 646		1 236		272		138
\$20,000 to \$39,999 . . . . .		1 179		897		184		98
\$40,000 and over . . . . .		907		711		124		72
Nursery and greenhouse products sold . . . . . farms . . . dollars . . .		18 023 897 307 541		12 791 520 312 628		3 489 259 378 761		1 743 117 616 152
Number of farms by value of nursery and greenhouse products sold:								
\$1 to \$2,499 . . . . .		3 049		1 992		809		248
\$2,500 to \$4,999 . . . . .		2 574		1 999		374		201
\$5,000 to \$9,999 . . . . .		2 824		2 078		483		263
\$10,000 to \$19,999 . . . . .		2 703		1 993		459		251
\$20,000 to \$39,999 . . . . .		2 694		1 936		490		268
\$40,000 and over . . . . .		4 179		2 793		874		512
Forest products sold . . . . . farms . . . dollars . . .		69 432 146 278 636		43 591 94 075 991		23 313 48 211 350		2 528 3 991 295
Number of farms by value of forest products sold:								
\$1 to \$2,499 . . . . .		56 904		35 388		19 323		2 193
\$2,500 to \$4,999 . . . . .		6 208		4 065		1 953		190
\$5,000 to \$9,999 . . . . .		3 538		2 351		1 104		83
\$10,000 to \$19,999 . . . . .		1 725		1 090		594		41
\$20,000 to \$39,999 . . . . .		716		481		221		14
\$40,000 and over . . . . .		341		216		118		7

Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
<b>Farm-Related Income</b>				
Farms with farm-related income from—				
Customwork and other agricultural services . . . . . farms . . . . .	260 174	75 389	128 720	56 065
dollars . . . . .	471 389 342	128 430 953	244 967 636	97 990 753
Number of farms with income of—				
\$1 to \$249 . . . . .	68 367	24 523	30 734	13 110
\$250 to \$499 . . . . .	44 478	13 081	21 864	9 533
\$500 to \$999 . . . . .	48 868	13 094	24 928	10 846
\$1,000 to \$4,999 . . . . .	78 914	19 117	41 355	18 442
\$5,000 to \$9,999 . . . . .	12 303	3 334	6 224	2 745
\$10,000 and over . . . . .	7 244	2 240	3 615	1 389
Recreational services . . . . . farms . . . . .	20 964	10 476	8 334	2 154
dollars . . . . .	39 414 799	18 206 813	16 807 407	4 400 579
Number of farms with income of—				
\$1 to \$249 . . . . .	6 188	3 212	2 380	596
\$250 to \$499 . . . . .	3 236	1 658	1 313	265
\$500 to \$999 . . . . .	3 654	1 903	1 397	354
\$1,000 to \$4,999 . . . . .	6 077	2 879	2 478	720
\$5,000 to \$9,999 . . . . .	1 056	464	457	135
\$10,000 and over . . . . .	753	360	309	84
Government farm programs . . . . . farms . . . . .	842 605	368 809	340 559	133 237
dollars . . . . .	2 367 753 134	652 157 120	1 339 082 558	376 513 456
Number of farms with income of—				
\$1 to \$249 . . . . .	93 600	54 221	30 137	9 242
\$250 to \$499 . . . . .	85 689	49 360	25 421	10 908
\$500 to \$999 . . . . .	151 267	83 918	42 837	24 512
\$1,000 to \$4,999 . . . . .	401 990	158 615	171 644	71 731
\$5,000 to \$9,999 . . . . .	72 215	16 047	45 120	11 048
\$10,000 and over . . . . .	37 844	6 648	25 400	5 796
<b>Farm Production Expenses</b>				
Farm production expenses, total . . . . . farms . . . . .	1 733 683	881 121	581 271	271 291
dollars . . . . .	36 247 455 326	14 617 316 737	16 356 368 615	5 273 769 974
Number of farms with expenditures of—				
\$1 to \$999 . . . . .	26 746	19 137	3 246	4 363
\$1,000 to \$2,499 . . . . .	173 283	118 477	28 412	26 394
\$2,500 to \$4,999 . . . . .	343 743	217 826	74 836	51 081
\$5,000 to \$9,999 . . . . .	431 987	232 542	129 717	69 728
\$10,000 to \$14,999 . . . . .	236 404	103 258	92 462	40 684
\$15,000 to \$19,999 . . . . .	139 385	53 565	62 180	23 640
\$20,000 to \$29,999 . . . . .	151 022	54 883	72 112	24 027
\$30,000 to \$39,999 . . . . .	72 950	25 377	36 757	10 816
\$40,000 to \$49,999 . . . . .	42 171	14 782	21 559	5 830
\$50,000 and over . . . . .	115 992	41 274	59 990	14 728
<b>Items Purchased</b>				
Livestock and poultry . . . . . farms . . . . .	845 602	416 803	308 315	120 484
dollars . . . . .	7 916 714 104	3 343 509 418	3 423 951 908	1 149 252 778
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	251 259	135 013	81 479	34 767
\$500 to \$999 . . . . .	111 005	56 834	39 686	14 485
\$1,000 to \$4,999 . . . . .	259 705	129 413	94 058	36 234
\$5,000 to \$9,999 . . . . .	94 381	44 942	35 065	14 374
\$10,000 to \$14,999 . . . . .	42 472	18 454	17 128	6 890
\$15,000 to \$19,999 . . . . .	23 202	9 515	9 857	3 830
\$20,000 to \$29,999 . . . . .	24 305	9 307	11 001	3 997
\$30,000 to \$39,999 . . . . .	12 198	4 364	5 834	2 000
\$40,000 to \$49,999 . . . . .	7 150	2 453	3 582	1 115
\$50,000 and over . . . . .	19 925	6 508	10 625	2 792
Feed for livestock and poultry . . . . . farms . . . . .	1 236 883	630 248	439 023	167 612
dollars . . . . .	6 891 578 722	3 626 244 980	2 451 843 421	813 490 321
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	340 620	185 814	107 977	46 829
\$500 to \$999 . . . . .	194 698	105 425	64 092	25 181
\$1,000 to \$4,999 . . . . .	457 522	225 229	168 371	63 922
\$5,000 to \$9,999 . . . . .	118 950	49 853	51 074	18 023
\$10,000 to \$14,999 . . . . .	45 271	20 283	18 943	6 045
\$15,000 to \$19,999 . . . . .	22 737	11 352	8 838	2 547
\$20,000 to \$29,999 . . . . .	23 002	12 164	8 595	2 243
\$30,000 to \$39,999 . . . . .	11 062	6 353	3 819	890
\$40,000 to \$49,999 . . . . .	6 419	3 822	2 130	467
\$50,000 and over . . . . .	16 602	9 953	5 184	1 465
Commercially mixed formula feeds . . . . . farms . . . . .	984 652	502 934	346 821	134 897
tons . . . . .	53 431 669	30 935 692	17 139 881	5 356 096
dollars . . . . .	4 392 290 441	2 507 107 263	1 424 382 712	460 800 466
Number of farms that purchased—				
1 to 49 tons . . . . .	805 088	410 242	279 492	115 354
50 to 99 tons . . . . .	78 206	34 692	32 575	10 939
100 to 199 tons . . . . .	49 291	24 756	19 434	5 101
200 to 499 tons . . . . .	35 042	21 729	10 959	2 354
500 to 799 tons . . . . .	8 668	5 880	2 245	543
800 to 999 tons . . . . .	2 511	1 706	663	142
1,000 tons and over . . . . .	5 846	3 929	1 453	464
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	340 824	185 730	109 627	45 467
\$500 to \$999 . . . . .	152 840	79 981	52 291	20 568
\$1,000 to \$4,999 . . . . .	324 967	152 705	122 714	49 548
\$5,000 to \$9,999 . . . . .	78 479	33 477	33 298	11 704
\$10,000 to \$14,999 . . . . .	30 455	15 032	11 980	3 443
\$15,000 to \$19,999 . . . . .	15 768	9 031	5 325	1 412
\$20,000 to \$29,999 . . . . .	16 295	10 090	5 061	1 144
\$30,000 and over . . . . .	25 024	16 888	6 525	1 611

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Feed ingredients . . . . . farms . . . . .	319 236	154 362	124 680	40 194
tons . . . . .	8 466 258	3 842 781	3 553 056	1 070 421
dollars . . . . .	605 925 817	270 269 779	258 191 800	77 464 238
Number of farms that purchased—				
1 to 49 tons . . . . .	293 541	144 440	112 019	37 082
50 to 99 tons . . . . .	15 727	6 088	7 684	1 955
100 to 199 tons . . . . .	6 319	2 343	3 267	709
200 to 499 tons . . . . .	2 520	970	1 262	288
500 to 799 tons . . . . .	452	201	193	58
800 to 999 tons . . . . .	124	55	53	16
1,000 tons and over . . . . .	553	265	202	86
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	144 287	75 446	50 958	17 883
\$500 to \$999 . . . . .	59 321	29 515	22 582	7 224
\$1,000 to \$1,999 . . . . .	51 520	23 923	20 997	6 600
\$2,000 to \$4,999 . . . . .	44 954	18 496	20 442	6 016
\$5,000 to \$9,999 . . . . .	13 172	4 734	6 686	1 752
\$10,000 and over . . . . .	5 982	2 248	3 015	719
Whole grains . . . . . farms . . . . .	413 025	196 995	155 508	60 522
tons . . . . .	35 410 585	15 801 916	14 561 143	5 047 526
dollars . . . . .	1 479 148 413	666 611 273	604 856 926	207 680 214
Number of farms that purchased—				
1 to 49 tons . . . . .	318 138	161 049	112 438	44 651
50 to 99 tons . . . . .	46 168	18 737	19 596	7 835
100 to 199 tons . . . . .	26 416	9 486	12 285	4 645
200 to 499 tons . . . . .	15 079	5 014	7 604	2 461
500 to 799 tons . . . . .	3 295	1 117	1 703	475
800 to 999 tons . . . . .	934	340	483	111
1,000 tons and over . . . . .	2 995	1 252	1 399	344
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	168 441	89 260	56 105	23 076
\$500 to \$999 . . . . .	76 352	37 748	27 884	10 720
\$1,000 to \$1,999 . . . . .	67 527	31 216	26 111	10 200
\$2,000 to \$4,999 . . . . .	60 935	24 723	25 989	10 223
\$5,000 to \$9,999 . . . . .	22 013	7 755	10 494	3 764
\$10,000 and over . . . . .	17 757	6 293	8 925	2 539
Hay, green chop, and silage . . . . . farms . . . . .	247 783	119 038	94 059	34 686
tons . . . . .	20 956 062	8 853 527	8 895 598	3 206 937
dollars . . . . .	414 214 051	182 256 665	164 411 983	67 545 403
Number of farms that purchased—				
1 to 49 tons . . . . .	191 945	96 410	68 760	26 775
50 to 99 tons . . . . .	26 003	11 240	11 218	3 545
100 to 199 tons . . . . .	15 031	6 037	7 006	1 988
200 to 499 tons . . . . .	8 947	3 186	4 416	1 345
500 to 999 tons . . . . .	2 954	1 040	1 435	479
1,000 tons and over . . . . .	2 903	1 125	1 224	554
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	146 552	74 276	51 427	20 849
\$500 to \$999 . . . . .	45 024	21 264	17 568	6 192
\$1,000 to \$1,999 . . . . .	27 787	12 403	11 740	3 644
\$2,000 to \$4,999 . . . . .	17 639	7 051	8 305	2 283
\$5,000 to \$9,999 . . . . .	5 420	1 956	2 717	747
\$10,000 and over . . . . .	5 361	2 088	2 302	971
Seeds, bulbs, plants, and trees . . . . . farms . . . . .	1 275 275	579 968	472 924	222 383
dollars . . . . .	838 452 013	264 307 118	413 839 982	160 304 913
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	863 120	462 939	265 294	134 887
\$500 to \$999 . . . . .	232 195	76 741	105 292	50 162
\$1,000 to \$4,999 . . . . .	164 693	36 480	93 334	34 879
\$5,000 to \$9,999 . . . . .	9 808	2 089	6 157	1 562
\$10,000 and over . . . . .	5 459	1 719	2 847	893
Commercial fertilizer purchased . . . . . farms . . . . .	1 372 796	655 831	494 027	222 938
dollars . . . . .	2 106 880 896	644 580 623	1 095 082 157	367 218 116
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	565 039	350 065	138 968	76 006
\$500 to \$999 . . . . .	297 031	144 319	101 271	51 441
\$1,000 to \$4,999 . . . . .	431 931	144 471	204 795	82 665
\$5,000 to \$9,999 . . . . .	54 915	12 088	33 510	9 317
\$10,000 to \$19,999 . . . . .	17 730	3 587	11 582	2 561
\$20,000 and over . . . . .	6 150	1 301	3 901	948
Commercial fertilizer used . . . . . farms . . . . .	1 269 199	589 294	469 555	210 350
acres fertilized . . . . .	155 549 632	42 888 445	85 141 101	27 520 086
dry materials, tons . . . . .	20 664 115	6 960 525	10 432 253	3 271 337
liquid or gas materials, tons . . . . .	5 558 233	1 143 541	3 141 922	1 272 770
Number of farms by tons of dry material used:				
1 to 49 tons . . . . .	1 134 815	556 776	396 590	181 449
50 to 99 tons . . . . .	50 619	13 134	29 885	7 600
100 to 199 tons . . . . .	16 948	4 000	10 785	2 163
200 to 499 tons . . . . .	5 612	1 380	3 497	735
500 to 999 tons . . . . .	812	240	444	128
1,000 tons and over . . . . .	444	187	186	71
Number of farms by tons of liquid material used:				
1 to 9 tons . . . . .	286 893	115 914	108 655	62 324
10 to 49 tons . . . . .	119 971	25 622	64 461	29 888
50 to 99 tons . . . . .	13 040	1 911	8 244	2 885
100 to 199 tons . . . . .	4 333	556	2 863	914
200 to 499 tons . . . . .	1 228	187	823	218
500 tons and over . . . . .	244	40	152	52

Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Lime..... farms..	262 122	128 015	104 237	29 870
tons..	18 650 044	7 449 530	8 700 801	2 499 713
dollars..	92 500 141	37 109 703	43 773 742	11 616 696
Number of farms that used—				
1 to 49 tons .....	148 178	81 308	52 343	14 527
50 to 99 tons .....	59 026	26 882	24 885	7 259
100 to 199 tons .....	36 075	13 838	17 059	5 178
200 to 499 tons .....	16 080	5 158	8 405	2 517
500 to 999 tons .....	2 183	637	1 214	332
1,000 tons and over .....	580	192	331	57
Number of farms with expenditures of—				
\$1 to \$499 .....	214 464	110 886	80 122	23 456
\$500 to \$999 .....	31 565	11 942	15 422	4 201
\$1,000 to \$4,999 .....	15 459	4 969	8 350	2 140
\$5,000 to \$9,999 .....	491	164	268	59
\$10,000 and over .....	143	54	75	14
Other agricultural chemicals				
(see text)..... farms..	1 033 536	444 615	406 842	182 079
dollars..	788 390 960	219 796 346	418 345 192	150 249 422
Number of farms with expenditures of—				
\$1 to \$499 .....	733 494	360 717	253 745	119 032
\$500 to \$999 .....	140 727	43 977	65 850	30 900
\$1,000 to \$4,999 .....	137 210	34 501	74 235	28 474
\$5,000 to \$9,999 .....	13 586	3 309	8 124	2 153
\$10,000 to \$14,999 .....	3 704	914	2 163	627
\$15,000 to \$19,999 .....	1 659	427	940	292
\$20,000 and over .....	3 156	770	1 785	601
Gasoline and other petroleum fuel and oil for the farm business..... farms..	1 721 670	871 876	580 259	269 535
dollars..	1 757 721 847	629 866 746	833 699 118	294 155 983
Number of farms with expenditures of—				
\$1 to \$499 .....	686 124	463 441	135 956	86 727
\$500 to \$999 .....	484 181	239 914	162 223	82 044
\$1,000 to \$4,999 .....	520 884	161 032	263 608	96 244
\$5,000 to \$9,999 .....	23 283	5 605	14 220	3 458
\$10,000 and over .....	7 198	1 884	4 252	1 062
Gasoline..... farms..	1 666 212	842 743	564 265	259 204
dollars..	1 061 403 420	407 035 242	481 130 265	173 237 913
Number of farms with expenditures of—				
\$1 to \$499 .....	909 833	561 000	220 513	128 320
\$500 to \$999 .....	461 610	196 682	184 701	80 227
\$1,000 to \$1,999 .....	226 725	67 855	118 339	40 531
\$2,000 to \$4,999 .....	60 379	15 109	36 186	9 084
\$5,000 and over .....	7 665	2 097	4 526	1 042
Diesel oil..... farms..	656 359	248 042	293 527	114 790
dollars..	317 854 999	80 518 208	181 034 080	56 302 711
Number of farms with expenditures of—				
\$1 to \$499 .....	472 795	206 828	185 028	80 939
\$500 to \$999 .....	108 490	26 190	61 201	21 099
\$1,000 to \$1,999 .....	50 281	10 209	31 314	8 758
\$2,000 to \$4,999 .....	20 873	4 042	13 470	3 361
\$5,000 and over .....	3 920	773	2 514	633
LP gas, butane, and propane..... farms..	431 157	179 733	175 478	75 946
dollars..	167 138 686	56 532 738	81 051 397	29 554 551
Number of farms with expenditures of—				
\$1 to \$99 .....	130 126	67 054	42 271	20 801
\$100 to \$499 .....	206 018	82 306	85 863	37 849
\$500 to \$999 .....	57 564	19 042	27 804	10 718
\$1,000 to \$2,999 .....	32 476	9 929	16 770	5 777
\$3,000 and over .....	4 973	1 402	2 770	801
Motor oil, grease, piped gas, kerosene, and fuel oil..... farms..	1 718 813	869 780	579 833	269 200
dollars..	211 324 742	85 780 558	90 483 376	35 060 808
Number of farms with expenditures of—				
\$1 to \$99 .....	1 166 551	668 004	328 730	169 817
\$100 to \$499 .....	492 824	181 861	221 999	88 964
\$500 to \$999 .....	40 522	12 863	20 218	7 441
\$1,000 to \$2,999 .....	15 559	5 375	7 632	2 552
\$3,000 and over .....	3 357	1 677	1 254	426
Hired farm labor..... farms..	1 069 095	493 010	410 682	165 403
dollars..	3 262 864 954	1 200 261 424	1 600 981 431	461 622 099
Number of farms with expenditures of—				
\$1 to \$499 .....	495 493	255 297	158 493	81 703
\$500 to \$999 .....	175 886	78 565	68 931	28 390
\$1,000 to \$4,999 .....	282 356	116 310	124 688	41 358
\$5,000 to \$9,999 .....	61 904	22 561	31 821	7 522
\$10,000 to \$14,999 .....	20 194	7 496	10 510	2 188
\$15,000 to \$19,999 .....	9 533	3 636	4 801	1 096
\$20,000 to \$29,999 .....	9 330	3 580	4 612	1 138
\$30,000 to \$39,999 .....	4 403	1 698	2 183	522
\$40,000 to \$49,999 .....	2 489	958	1 190	341
\$50,000 and over .....	7 507	2 909	3 453	1 145
Workers by number of days worked:				
150 days or more..... farms..	247 642	98 737	118 409	30 496
workers..	654 370	236 528	330 921	86 921
Less than 150 days..... farms..	963 294	446 479	364 107	152 708
workers..	5 125 604	2 184 671	2 104 711	836 222

## Farm Management, Farm Operators

1969 Census of Agriculture  
United States

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Contract labor . . . . . farms..	138 551	68 171	51 755	18 625
dollars..	462 540 062	193 596 931	196 634 804	72 308 327
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	56 277	29 976	19 198	7 103
\$500 to \$999 . . . . .	25 589	12 186	9 909	3 494
\$1,000 to \$4,999 . . . . .	41 559	19 233	16 341	5 985
\$5,000 to \$9,999 . . . . .	7 932	3 826	3 136	970
\$10,000 and over . . . . .	7 194	2 950	3 171	1 073
Machine hire and customwork . . . . . farms..	1 052 442	496 950	384 895	170 597
dollars..	875 060 910	307 825 068	418 182 086	149 053 756
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	615 196	329 535	191 902	93 759
\$500 to \$999 . . . . .	226 106	97 183	88 796	40 127
\$1,000 to \$4,999 . . . . .	192 495	65 097	93 651	33 747
\$5,000 to \$9,999 . . . . .	12 973	3 718	7 293	1 962
\$10,000 and over . . . . .	5 672	1 417	3 253	1 002
All other production expenses . . . . . farms..	1 724 949	875 542	579 335	269 572
dollars..	11 254 750 717	4 150 218 380	5 460 034 774	1 644 497 563
Number of farms with expenditures of—				
\$1 to \$499 . . . . .	153 925	94 551	33 085	26 289
\$500 to \$999 . . . . .	169 125	107 619	35 153	26 353
\$1,000 to \$4,999 . . . . .	789 710	445 747	219 060	124 903
\$5,000 to \$9,999 . . . . .	354 379	149 582	147 728	57 069
\$10,000 and over . . . . .	257 810	78 043	144 809	34 958
Selected Machinery and Equipment				
Automobiles . . . . . farms..	1 412 391	682 173	512 328	217 890
number..	1 885 119	885 270	717 678	282 171
2 or 3 . . . . . farms..	354 329	157 454	146 800	50 075
number..	762 082	336 455	318 487	107 140
4 and over . . . . . farms..	17 590	6 709	8 890	1 991
number..	82 565	30 805	42 553	9 207
Motortrucks including pickups . . . . . farms..	1 425 867	677 477	527 860	220 530
number..	2 318 129	957 673	1 010 031	350 425
2 and over . . . . . farms..	512 845	180 249	254 827	77 769
number..	1 405 107	460 445	736 998	207 664
Tractors other than garden tractors				
and motor tillers . . . . . farms..	1 543 425	755 420	547 387	240 618
number..	3 740 509	1 605 679	1 544 568	590 262
2 or 3 . . . . . farms..	844 491	393 284	311 360	139 847
number..	2 036 699	928 009	768 671	340 019
4 and over . . . . . farms..	257 956	84 556	134 086	39 314
number..	1 262 832	400 090	673 956	188 786
Wheel tractors other than garden				
tractors and motor tillers . . . . . farms..	1 527 319	746 172	542 883	238 264
number..	3 581 430	1 535 507	1 474 326	571 597
Crawler tractors . . . . . farms..	118 428	56 804	49 036	12 588
number..	159 079	70 172	70 242	18 665
Riding garden tractors 7 hp				
and over . . . . . farms..	187 491	80 606	77 767	29 118
number..	198 526	85 634	82 294	30 598
Grain and bean combines, self-				
propelled . . . . . farms..	399 630	109 849	210 891	78 890
number..	445 801	118 183	240 174	87 444
Cornpickers, corn heads, and				
picker-shellers . . . . . farms..	510 286	201 208	208 938	100 140
number..	587 817	221 225	247 820	118 772
Corn heads for combines . . . . . farms..	176 625	46 066	91 334	39 225
number..	184 032	47 706	95 673	40 653
Other cornpickers and picker-				
shellers . . . . . farms..	389 513	168 583	145 724	75 206
number..	403 785	173 519	152 147	78 119
Pickup balers . . . . . farms..	592 810	281 135	237 880	73 795
number..	612 637	288 857	247 821	75 959
Windrowers, pull and self-				
propelled . . . . . farms..	258 559	110 913	116 524	31 122
number..	276 127	116 530	126 369	33 228
Field forage harvesters,				
shear bar . . . . . farms..	202 609	85 444	93 384	23 781
number..	214 637	90 062	99 511	25 064
Value of All Machinery and Equipment				
Estimated market value of all				
machinery and equipment . . . . . farms..	1 691 175	849 743	577 120	264 312
dollars..	22 302 062 246	8 217 349 846	10 528 841 893	3 555 870 507
Number of farms by value of				
machinery and equipment:				
\$1 to \$4,999 . . . . . farms..	535 356	351 399	109 322	74 635
dollars..	1 426 870 602	917 030 926	313 112 769	196 726 907
\$5,000 to \$9,999 . . . . . farms..	400 536	218 689	120 074	61 773
dollars..	2 674 143 574	1 440 031 483	817 386 245	416 725 846
\$10,000 to \$19,999 . . . . . farms..	390 530	168 013	155 082	67 435
dollars..	5 094 593 491	2 150 389 734	2 058 370 516	885 833 241
\$20,000 to \$29,999 . . . . . farms..	184 434	62 902	89 443	32 089
dollars..	4 171 005 653	1 416 453 906	2 030 397 525	724 154 222
\$30,000 to \$49,999 . . . . . farms..	118 678	33 709	65 064	19 905
dollars..	4 199 815 446	1 189 469 493	2 309 907 229	700 438 724
\$50,000 and over . . . . . farms..	61 641	15 031	38 135	8 475
dollars..	4 735 633 480	1 103 974 304	2 999 667 609	631 991 567



Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
<b>Agricultural Chemicals</b>				
Total farms	1 467 423	704 899	524 803	237 721
dollars	2 987 758 447	901 473 122	1 557 201 091	529 084 234
Commercial fertilizer farms	1 268 840	588 982	469 515	210 343
acres on which used	155 549 632	42 888 445	85 141 101	27 520 086
tons	26 224 476	8 105 429	13 574 797	4 544 250
dollars	2 106 880 896	644 580 623	1 095 082 157	367 218 116
Lime farms	262 121	128 014	104 236	29 871
acres on which used	10 099 663	4 007 893	4 801 800	1 289 970
tons	18 650 044	7 449 530	8 700 801	2 499 713
dollars	92 500 141	37 109 703	43 773 742	11 616 696
<b>Sprays, dusts, fumigants, etc. to control—</b>				
Insects on hay crops farms	49 911	21 473	22 248	6 190
acres on which used	2 180 223	719 659	1 179 364	281 200
dollars	8 627 706	2 605 782	4 767 605	1 254 319
Insects on other crops farms	403 484	158 909	160 903	83 672
acres on which used	39 881 566	8 895 425	21 954 548	9 031 593
dollars	296 971 125	86 489 084	154 616 803	55 865 238
Nematodes in crops farms	34 059	12 401	13 886	7 772
acres on which used	1 267 101	269 993	711 520	285 588
dollars	17 334 850	3 965 287	9 393 560	3 976 003
Diseases in crops and orchards farms	45 669	25 734	15 026	4 909
acres on which used	4 088 038	1 705 946	1 903 094	478 998
dollars	54 803 096	28 439 676	20 990 904	5 372 516
Weeds or grass in crops farms	644 984	238 835	279 938	126 211
acres on which used	84 913 547	17 849 668	49 204 113	17 859 766
dollars	345 683 739	76 150 539	195 680 109	73 853 091
Weeds or brush in pasture farms	78 056	35 256	32 755	10 045
acres on which used	4 967 459	1 750 944	2 698 003	518 512
dollars	9 678 717	3 504 169	5 267 885	906 663
Chemicals for defoliation or for growth control of crops or thinning of fruit farms	68 788	23 269	31 143	14 376
acres on which used	5 780 991	1 025 810	3 539 678	1 215 503
dollars	23 095 545	5 112 742	13 396 081	4 586 722
Insect control on livestock and poultry farms	352 047	159 066	145 073	47 908
dollars	26 428 158	10 863 989	12 117 922	3 446 247
<b>Livestock</b>				
Cattle and calves farms	1 177 723	598 901	426 656	152 166
number	98 226 994	39 030 552	47 281 512	11 914 930
<b>Farms with—</b>				
1 to 9	98 269	55 778	27 634	14 857
10 to 19	140 783	87 063	35 695	18 025
20 to 49	407 088	235 288	119 272	52 528
50 to 99	305 212	142 825	122 899	39 488
100 to 199	145 653	53 909	73 735	18 009
200 to 499	62 567	19 107	36 167	7 293
500 to 999	12 189	3 233	7 639	1 317
1,000 to 2,499	4 535	1 198	2 864	473
2,500 and over	1 427	500	751	176
Cows and heifers that had calved farms	1 018 131	517 579	374 328	126 224
number	41 942 427	17 224 152	20 067 871	4 650 404
<b>Farms with—</b>				
1 to 4	87 838	49 067	26 073	12 698
5 to 9	94 984	55 319	26 657	13 008
10 to 19	220 025	127 582	63 122	29 321
20 to 29	186 680	101 459	61 874	23 347
30 to 49	213 282	103 121	84 965	25 196
50 to 99	142 216	57 104	69 717	15 395
100 to 199	49 700	16 893	27 898	4 909
200 to 499	19 034	5 865	11 273	1 896
500 to 999	3 162	842	1 999	321
1,000 and over	1 210	327	750	133
Milk cows farms	452 967	236 038	163 427	53 502
number	10 836 826	5 015 848	4 504 812	1 316 166
<b>Farms with—</b>				
1 to 4	126 382	64 008	47 950	14 424
5 to 9	38 900	22 690	11 193	5 017
10 to 19	82 030	49 880	21 914	10 236
20 to 29	73 216	40 704	23 778	8 734
30 to 49	84 118	40 441	33 859	9 818
50 to 99	38 467	15 002	19 445	4 020
100 to 199	7 368	2 417	4 169	782
200 and over	2 486	896	1 119	471
Heifers and helper calves farms	950 671	475 176	355 796	119 699
number	25 672 959	10 172 505	12 315 475	3 184 979
Bulls and steers, including calves farms	1 008 813	504 116	375 815	128 882
number	30 611 608	11 633 895	14 898 166	4 079 547
Milk sold to plants or dealers farms	329 877	175 736	114 549	39 592

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Cattle and calves sold . . . . . farms . . . . .	1 188 529	607 003	427 548	153 978
number . . . . .	71 101 419	28 956 580	32 731 852	9 412 987
Farms with—				
1 to 4 sold . . . . .	87 021	48 680	25 384	12 957
5 to 19 sold . . . . .	420 126	243 972	122 784	53 370
20 to 49 sold . . . . .	415 896	215 864	148 898	51 134
50 to 99 sold . . . . .	149 058	61 038	67 861	20 159
100 to 199 sold . . . . .	68 896	23 579	35 401	9 916
200 to 499 sold . . . . .	35 140	10 354	19 891	4 895
500 and over sold . . . . .	12 392	3 516	7 329	1 547
Value of sales . . . . . farms . . . . .	1 188 529	607 003	427 548	153 978
dollars . . . . .	14 017 374 386	5 645 498 210	6 440 527 301	1 931 348 875
Cattle sold . . . . . farms . . . . .	891 203	450 152	330 705	110 346
number . . . . .	41 131 336	16 500 011	18 976 242	5 655 083
Farms with—				
1 to 4 sold . . . . .	286 330	160 505	90 886	34 939
5 to 19 sold . . . . .	361 577	188 382	132 500	40 695
20 to 49 sold . . . . .	133 584	63 122	52 983	17 479
50 to 99 sold . . . . .	51 578	20 229	23 103	8 246
100 to 199 sold . . . . .	29 964	9 851	15 137	4 976
200 to 499 sold . . . . .	19 577	5 601	11 020	2 956
500 and over sold . . . . .	8 593	2 462	5 076	1 055
Fattened on grain and concentrates . . . . . farms . . . . .	146 748	61 947	59 960	24 841
number . . . . .	22 988 615	9 567 803	9 951 314	3 469 498
Farms with—				
1 to 4 sold . . . . .	19 710	10 314	6 718	2 678
5 to 19 sold . . . . .	44 979	22 544	15 868	6 567
20 to 49 sold . . . . .	33 002	13 679	13 308	6 015
50 to 99 sold . . . . .	19 352	6 611	8 596	4 145
100 to 199 sold . . . . .	14 083	4 196	6 924	2 963
200 to 499 sold . . . . .	10 760	3 019	5 880	1 861
500 and over sold . . . . .	4 862	1 584	2 666	612
Calves sold . . . . . farms . . . . .	947 389	491 522	338 440	117 427
number . . . . .	29 970 083	12 456 569	13 755 610	3 757 904
Farms with—				
1 to 4 sold . . . . .	107 763	62 124	31 149	14 490
5 to 19 sold . . . . .	409 995	234 567	124 769	50 659
20 to 49 sold . . . . .	294 909	146 434	113 157	35 318
50 to 99 sold . . . . .	85 935	32 999	42 293	10 643
100 to 199 sold . . . . .	33 481	10 899	18 208	4 374
200 to 499 sold . . . . .	12 499	3 720	7 201	1 578
500 and over sold . . . . .	2 807	779	1 663	365
Fattened on grain and concentrates . . . . . farms . . . . .	90 888	40 441	35 757	14 690
number . . . . .	2 926 818	1 119 312	1 298 051	509 455
Farms with—				
1 to 4 sold . . . . .	13 040	6 677	4 462	1 901
5 to 19 sold . . . . .	35 135	17 040	12 559	5 536
20 to 49 sold . . . . .	26 464	11 266	10 916	4 282
50 to 99 sold . . . . .	10 262	3 564	4 834	1 864
100 to 199 sold . . . . .	4 843	1 531	2 396	916
200 to 499 sold . . . . .	1 059	337	547	175
500 and over sold . . . . .	85	26	43	16
Hogs and pigs on place . . . . . farms . . . . .	532 204	247 778	192 481	91 945
number . . . . .	53 540 028	20 668 284	22 152 105	10 719 639
Farms with—				
1 to 9 . . . . .	89 826	48 784	28 990	12 052
10 to 24 . . . . .	85 328	44 642	28 080	12 606
25 to 99 . . . . .	187 722	91 144	65 290	31 288
100 to 199 . . . . .	92 971	37 165	36 444	19 362
200 to 499 . . . . .	62 762	21 610	27 250	13 902
500 to 999 . . . . .	11 144	3 511	5 268	2 365
1,000 and over . . . . .	2 451	922	1 159	370
Used or to be used for breeding . . . . . farms . . . . .	408 541	189 066	147 867	71 608
number . . . . .	8 153 267	3 258 442	3 271 157	1 623 668
Other hogs and pigs . . . . . farms . . . . .	487 656	223 831	178 533	85 292
number . . . . .	45 386 761	17 409 842	18 880 948	9 095 971
Hogs and pigs sold . . . . . farms . . . . .	536 351	249 600	193 412	93 339
number . . . . .	86 770 765	34 586 019	35 482 798	16 701 948
Farms with—				
1 to 9 sold . . . . .	36 228	18 276	12 617	5 335
10 to 49 sold . . . . .	141 715	74 411	46 512	20 792
50 to 99 sold . . . . .	109 219	55 455	36 049	17 715
100 to 199 sold . . . . .	113 197	51 447	40 870	20 880
200 to 499 sold . . . . .	102 999	38 978	41 972	22 049
500 to 999 sold . . . . .	25 904	8 496	11 951	5 457
1,000 and over sold . . . . .	7 089	2 537	3 441	1 111
Feeder pigs sold . . . . . farms . . . . .	119 104	62 150	38 396	18 558
number . . . . .	14 033 703	6 961 489	4 741 797	2 330 417
Farms with—				
1 to 9 sold . . . . .	9 398	4 758	3 201	1 439
10 to 49 sold . . . . .	45 052	23 960	14 431	6 661
50 to 99 sold . . . . .	24 717	13 176	7 758	3 783
100 to 199 sold . . . . .	21 044	11 171	6 449	3 424
200 to 499 sold . . . . .	14 297	7 078	4 787	2 432
500 to 999 sold . . . . .	3 511	1 505	1 357	649
1,000 and over sold . . . . .	1 085	502	413	170

Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Litters of pigs farrowed between December 1 of preceding year and November 30 . . . . . farms . . . . . number . . . . .	434 485 10 204 534	202 234 4 071 385	155 950 4 098 472	76 301 2 034 677
Farms with—				
1 litter . . . . .	19 145	9 686	6 565	2 894
2 to 4 litters . . . . .	70 043	37 329	22 768	9 946
5 to 9 litters . . . . .	70 020	37 129	22 851	10 040
10 to 19 litters . . . . .	102 650	50 352	35 089	17 209
20 to 49 litters . . . . .	121 873	50 344	46 492	25 037
50 to 99 litters . . . . .	38 376	13 264	16 372	8 740
100 to 199 litters . . . . .	10 144	3 270	4 757	2 117
200 litters and over . . . . .	2 234	860	1 056	318
Sheep and lambs of all ages . . . . . farms . . . . . number . . . . .	123 345 19 769 115	58 314 6 427 321	45 593 10 429 196	19 438 2 912 598
Farms with—				
1 to 24 . . . . .	50 812	23 878	17 433	9 501
25 to 99 . . . . .	44 156	22 531	15 466	6 159
100 to 299 . . . . .	17 240	8 289	6 763	2 188
300 to 999 . . . . .	7 421	2 710	3 737	974
1,000 to 2,499 . . . . .	2 474	653	1 404	417
2,500 to 4,999 . . . . .	811	180	503	128
5,000 and over . . . . .	431	73	287	71
Lambs under 1 year old . . . . . farms . . . . . number . . . . .	82 790 7 156 247	39 001 2 418 763	31 198 3 567 450	12 591 1 170 034
Ewes 1 year old or older . . . . . farms . . . . . number . . . . .	115 690 12 022 221	54 915 3 799 531	42 702 6 570 120	18 073 1 652 570
Rams and wethers 1 year old or older . . . . . farms . . . . . number . . . . .	97 469 590 647	46 419 209 027	36 304 291 626	14 746 89 994
Sheep and lambs sold . . . . . farms . . . . . number . . . . .	120 829 17 149 332	57 111 5 948 559	44 649 8 345 577	19 069 2 855 196
Horses and ponies . . . . . farms . . . . . number . . . . .	347 797 1 595 024	159 948 752 711	143 023 659 173	44 826 183 140
Sold . . . . . farms . . . . . number . . . . .	51 146 223 062	24 904 113 199	20 070 82 720	6 172 27 143
Horses . . . . . farms . . . . . number . . . . .	277 254 1 268 551	128 936 595 300	114 144 529 602	34 174 143 649
Sold . . . . . farms . . . . . number . . . . .	43 152 185 691	21 124 92 787	16 859 69 522	5 169 23 382
Ponies . . . . . farms . . . . . number . . . . .	132 384 326 473	58 866 157 411	55 009 129 571	18 509 39 491
Sold . . . . . farms . . . . . number . . . . .	11 026 37 371	5 316 20 412	4 338 13 198	1 372 3 761
Mules, burros, and donkeys . . . . . farms . . . . . number . . . . .	34 309 66 128	18 941 34 825	11 555 23 811	3 813 7 492
Sold . . . . . farms . . . . . number . . . . .	2 651 7 230	1 459 3 235	878 2 750	314 1 245
Any goats . . . . . farms . . . . . number . . . . .	19 203 2 248 094	9 933 877 791	6 915 956 298	2 355 414 005
Sold . . . . . farms . . . . . number . . . . .	5 895 564 639	3 037 206 165	2 112 244 715	746 103 759
Angora goats . . . . . farms . . . . . number . . . . .	5 431 1 927 365	2 692 719 578	2 040 829 215	699 378 572
Sold . . . . . farms . . . . . number . . . . .	2 553 435 080	1 203 147 722	969 196 734	381 90 624
Milk goats . . . . . farms . . . . . number . . . . .	3 965 30 967	2 211 19 183	1 279 7 632	475 4 152
Sold . . . . . farms . . . . . number . . . . .	868 9 117	497 5 861	271 2 135	100 1 121
Other goats . . . . . farms . . . . . number . . . . .	11 860 289 762	6 087 139 030	4 323 119 451	1 450 31 281
Sold . . . . . farms . . . . . number . . . . .	2 867 110 442	1 540 52 582	999 45 846	328 12 014
Hives of bees . . . . . farms . . . . . number . . . . .	12 745 1 424 360	7 449 1 067 811	4 196 200 823	1 100 155 726
Honey sold . . . . . farms . . . . . pounds . . . . .	7 541 126 393 297	4 586 95 928 802	2 281 17 085 150	674 13 379 345
Mink . . . . . farms . . . . . number . . . . .	1 990 1 868 406	1 723 1 631 759	148 114 242	119 122 405
Mink and pelts sold . . . . . farms . . . . . number . . . . .	2 214 4 576 135	1 918 4 040 781	159 256 570	137 278 784
Rabbits . . . . . farms . . . . . number . . . . .	13 381 343 100	6 330 246 724	5 111 66 562	1 940 29 814
Rabbits and pelts sold . . . . . farms . . . . . number . . . . .	3 332 1 409 169	1 734 1 237 241	1 134 118 462	464 53 466
Chinchillas . . . . . farms . . . . . number . . . . .	1 793 213 611	1 102 166 480	499 31 524	192 15 607
Chinchillas and pelts sold . . . . . farms . . . . . number . . . . .	1 695 211 182	1 049 166 286	464 29 399	182 15 497

## Farm Management, Farm Operators

1969 Census of Agriculture  
United States

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total		Full owners		Part owners		Tenants	
<b>Poultry</b>								
Chickens 3 months old or older . . . . farms . . . . .	293	340	155	920	98	805	38	615
number . . . . .	363	208 766	266	311 933	71	375 104	25	521 729
Farms with—								
1 to 99 . . . . .	174	498	90	263	61	279	22	956
100 to 399 . . . . .	74	940	37	605	25	463	11	872
400 to 1,599 . . . . .	21	938	11	690	7	454	2	794
1,600 to 3,199 . . . . .	3	867	2	570	1	037		260
3,200 to 9,999 . . . . .	9	183	6	862	1	950		371
10,000 to 19,999 . . . . .	5	068	3	946		933		189
20,000 to 49,999 . . . . .	2	870	2	245		527		98
50,000 to 99,999 . . . . .	631		483			108		40
100,000 and over . . . . .	345		256			54		35
Number sold . . . . . farms . . . . .	103	035	58	336	31	691	13	008
number . . . . .	344	983 270	258	812 102	65	304 575	20	866 593
Farms with—								
1 to 1,999 sold . . . . .	82	252	42	604	27	537	12	111
2,000 to 3,999 sold . . . . .	4	468	3	212	1	016		240
4,000 to 7,999 sold . . . . .	6	129	4	630	1	257		242
8,000 to 15,999 sold . . . . .	5	031	3	878		984		169
16,000 to 29,999 sold . . . . .	2	713	2	101		484		128
30,000 to 59,999 sold . . . . .	1	613	1	292		257		64
60,000 to 99,999 sold . . . . .	488		373			90		25
100,000 and over sold . . . . .	341		246			66		29
Hens and pullets of laying age excluding started pullets . . . . . farms . . . . .								
number . . . . .	280	007	148	021	95	020	36	966
	290	900 729	211	127 585	58	168 803	21	604 341
Pullets not yet of laying age . . . . . farms . . . . .								
number . . . . .	17	875	10	499	5	409	1	967
	66	830 807	51	132 287	12	098 861	3	599 659
Other chickens . . . . . farms . . . . .								
number . . . . .	40	688	21	093	13	934	5	661
	5	477 230	4	052 061	1	107 440		317 729
Broilers and other meat-type chickens less than 3 months old sold . . . . . farms . . . . .								
number . . . . .	32	348	25	479	5	329	1	540
	2	427 378 308	1	931 199 864	433	893 879	62	284 565
Turkeys of all ages . . . . . farms . . . . .								
number . . . . .	8	833	4	591	3	262		980
Sold . . . . . farms . . . . .	13	107 467	8	298 386	3	970 922	838	159
number . . . . .	5	425	3	402	1	622		401
	103	454 667	65	418 365	32	568 515	5	467 787
Turkey hens kept for breeding . . . . . farms . . . . .								
number . . . . .	6	389	3	261	2	410		718
	2	767 863	1	537 179	1	009 246		221 438
Other turkeys . . . . . farms . . . . .								
number . . . . .	5	344	2	767	1	963		614
	10	339 604	6	761 207	2	961 676		616 721
Ducks . . . . . farms . . . . .								
number . . . . .	25	040	12	434	8	828	3	778
Sold . . . . . farms . . . . .	1	971 946	1	315 033	354	025	302	888
number . . . . .	5	005	2	507	1	679		819
	14	180 751	9	994 854	2	282 719	1	903 178
Geese . . . . . farms . . . . .								
number . . . . .	15	054	7	508	5	546	2	000
Sold . . . . . farms . . . . .	259	659	125	836	107	250	26	573
number . . . . .	3	257	1	573	1	186		498
	487	966	241	040	215	447		31 479
Other poultry . . . . . farms . . . . .								
number . . . . .	6	015	3	348	1	990		677
Sold . . . . . farms . . . . .	2	683 670	2	088 845	443	604	151	221
number . . . . .	2	075	1	291		561		223
	8	431 730	6	561 026	1	451 912		418 792
<b>Crops Harvested</b>								
Field corn for all purposes . . . . . farms . . . . .	883	975	399	103	325	508	159	364
acres . . . . .	58	389 434	17	115 947	28	423 132	12	850 355
Farms with—								
1 to 19 acres . . . . .	228	430	141	648	60	253	26	529
20 to 49 acres . . . . .	270	879	146	579	83	887	40	413
50 to 74 acres . . . . .	128	473	52	533	48	800	27	140
75 to 99 acres . . . . .	76	300	23	186	33	831	19	283
100 to 149 acres . . . . .	90	617	20	857	45	532	24	228
150 to 199 acres . . . . .	39	057	6	775	21	747	10	535
200 acres and over . . . . .	50	219	7	525	31	458	11	236
Commercial fertilizer used . . . . . farms . . . . .								
acres . . . . .	680	437	289	980	263	896	126	561
Dry materials . . . . . farms . . . . .	47	541 038	13	039 153	23	836 141	10	665 744
tons . . . . .	623	709	271	658	239	977	112	074
Liquid or gas materials . . . . . farms . . . . .	6	573 523	1	943 659	3	326 225	1	303 639
tons . . . . .	302	321	101	745	129	481	71	095
	2	984 825	660	479	1	594 333		730 013
Field corn for grain . . . . . farms . . . . .								
acres . . . . .	795	646	354	149	289	513	151	984
bushels . . . . .	50	693 604	14	331 969	24	415 208	11	946 427
Irrigated . . . . . farms . . . . .	4	356 718 862	1	168 604 551	2	105 725 630	1	082 388 681
acres . . . . .	31	670	8	919	15	196	7	555
	3	252 060	651	562	1	868 748		731 750
Field corn for silage . . . . . farms . . . . .								
acres . . . . .	286	091	127	593	121	248	37	250
tons, green weight . . . . .	7	262 348	2	610 788	3	795 734		855 826
Irrigated . . . . . farms . . . . .	90	541 265	31	879 400	47	446 803	11	215 062
acres . . . . .	20	446	6	789	10	075	3	582
	937	792	252	625	523	209		161 958
Field corn cut for green or dry fodder, hogged or grazed . . . . . farms . . . . .								
acres . . . . .	25	971	12	283	10	584	3	104
Irrigated . . . . . farms . . . . .	433	482	173	190	212	190	48	102
acres . . . . .	1	099		456		487		156
	25	611	8	837	12	810	3	964

Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Sorghums for all purposes . . . . . farms..	163 019	46 814	82 115	34 090
acres..	15 151 367	2 706 494	9 028 020	3 416 853
Commercial fertilizer used . . . . . farms..	108 318	28 978	56 850	22 490
acres..	9 711 256	1 608 817	5 882 131	2 220 308
Dry materials . . . . . farms..	74 385	21 937	38 835	13 613
tons..	524 592	116 276	305 090	103 226
Liquid or gas materials . . . . . farms..	53 871	11 160	29 246	13 465
tons..	537 102	78 603	323 376	135 123
Sorghums for grain or seed . . . . . farms..	125 567	32 414	64 003	29 150
acres..	12 737 518	2 138 635	7 504 847	3 094 036
bushels..	674 838 043	111 652 625	397 497 701	165 687 717
Irrigated . . . . . farms..	25 095	5 652	12 789	6 654
acres..	3 429 895	568 158	1 926 620	935 117
Sorghums for silage . . . . . farms..	31 438	9 231	17 721	4 486
acres..	856 451	209 108	539 111	108 232
tons, green weight..	9 827 681	2 349 560	6 234 841	1 243 280
Irrigated . . . . . farms..	2 208	539	1 363	306
acres..	90 596	24 094	55 779	10 723
Sorghums cut for dry forage or hay . . . . . farms..	30 067	9 361	16 244	4 462
acres..	1 007 897	237 546	634 122	136 229
tons, dry weight..	2 370 004	533 387	1 516 791	319 826
Irrigated . . . . . farms..	1 806	551	974	281
acres..	53 685	13 297	32 307	8 081
Sorghums hogged or grazed . . . . . farms..	13 296	3 832	7 503	1 961
acres..	549 501	121 205	349 940	78 356
Irrigated . . . . . farms..	790	224	442	124
acres..	27 460	6 249	16 877	4 334
Wheat . . . . . farms..	503 635	185 217	233 617	84 801
acres..	44 074 658	8 829 936	28 120 268	7 124 454
bushels..	1 296 134 964	260 966 824	823 315 711	211 852 429
Irrigated . . . . . farms..	28 608	10 338	13 121	5 149
acres..	1 993 688	428 326	1 143 546	421 816
Commercial fertilizer used . . . . . farms..	337 751	116 898	164 453	56 400
acres..	24 182 158	4 549 933	15 721 701	3 910 524
Dry materials . . . . . farms..	304 706	109 289	146 736	48 681
tons..	1 453 273	349 000	882 442	221 831
Liquid or gas materials . . . . . farms..	57 261	13 472	31 518	12 271
tons..	440 287	63 518	288 933	87 836
Winter wheat . . . . . farms..	418 249	153 963	190 765	73 521
acres..	33 574 933	6 473 294	21 208 565	5 893 074
bushels..	1 001 345 340	195 569 969	628 488 453	177 286 918
Irrigated . . . . . farms..	21 047	6 779	10 093	4 175
acres..	1 760 273	349 574	1 020 435	390 264
Commercial fertilizer used . . . . . farms..	290 291	102 172	138 250	49 869
acres..	18 201 567	3 374 906	11 623 367	3 203 294
Dry materials . . . . . farms..	259 234	94 992	121 770	42 472
tons..	1 232 088	300 527	736 243	195 318
Liquid or gas materials . . . . . farms..	53 949	12 749	29 459	11 741
tons..	404 490	60 004	261 508	82 978
Oats for grain . . . . . farms..	463 129	210 019	180 265	72 845
acres..	16 354 035	5 600 491	8 288 784	2 464 760
bushels..	880 293 214	298 617 373	449 952 626	131 723 215
Irrigated . . . . . farms..	9 283	3 981	4 097	1 205
acres..	266 477	87 958	144 332	34 187
Commercial fertilizer used . . . . . farms..	217 385	90 311	96 257	30 817
acres..	7 567 859	2 272 007	4 255 841	1 040 011
Dry materials . . . . . farms..	208 904	87 882	91 851	29 171
tons..	629 313	218 412	330 787	80 114
Liquid or gas materials . . . . . farms..	11 940	3 329	6 514	2 097
tons..	45 872	9 101	29 592	7 179
Barley for grain . . . . . farms..	120 666	42 935	60 986	16 745
acres..	8 924 758	1 961 251	5 721 530	1 241 977
bushels..	394 141 342	87 369 052	252 448 820	54 323 470
Irrigated . . . . . farms..	20 394	8 365	9 149	2 880
acres..	1 539 079	403 649	919 157	216 273
Commercial fertilizer used . . . . . farms..	76 699	25 941	40 122	10 636
acres..	5 666 279	1 157 978	3 721 439	786 862
Dry materials . . . . . farms..	70 376	24 518	36 410	9 448
tons..	356 762	90 707	218 902	47 153
Liquid or gas materials . . . . . farms..	10 633	2 384	6 324	1 925
tons..	99 805	13 665	69 179	16 961
Rye for grain . . . . . farms..	29 244	9 774	15 894	3 576
acres..	1 115 260	270 102	716 915	128 243
bushels..	25 703 130	6 262 878	16 593 929	2 846 323
Irrigated . . . . . farms..	481	170	240	71
acres..	18 788	7 790	8 620	2 378
Commercial fertilizer used . . . . . farms..	13 250	4 331	7 562	1 357
acres..	415 134	99 234	273 999	41 901
Dry materials . . . . . farms..	12 187	4 063	6 895	1 229
tons..	39 302	11 007	24 936	3 359
Liquid or gas materials . . . . . farms..	2 171	558	1 401	212
tons..	8 382	1 577	5 961	844

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Soybeans for beans . . . . . farms . . . . .	445 311	160 429	181 107	103 775
acres . . . . .	37 261 646	8 109 312	19 764 680	9 387 654
bushels . . . . .	1 013 450 159	219 947 895	528 315 601	265 186 663
Irrigated . . . . . farms . . . . .	7 900	1 705	3 800	2 395
acres . . . . .	692 767	142 350	351 748	198 669
Commercial fertilizer used . . . . . farms . . . . .	136 407	46 977	63 311	26 119
acres . . . . .	9 875 643	2 206 072	5 776 207	1 893 364
Dry materials . . . . . farms . . . . .	127 329	44 473	58 859	23 997
tons . . . . .	1 014 552	238 834	600 009	175 709
Liquid or gas materials . . . . . farms . . . . .	11 366	3 140	5 616	2 610
tons . . . . .	89 163	17 620	53 016	18 527
Peanuts for nuts . . . . . farms . . . . .	35 941	13 280	15 727	6 934
acres . . . . .	1 377 068	304 132	836 139	236 797
pounds . . . . .	2 409 194 777	519 237 980	1 468 228 446	421 728 351
Irrigated . . . . . farms . . . . .	3 280	948	1 708	624
acres . . . . .	170 558	35 065	105 603	29 890
Commercial fertilizer used . . . . . farms . . . . .	26 494	8 905	12 696	4 893
acres . . . . .	1 126 033	228 288	709 541	188 204
Dry materials . . . . . farms . . . . .	25 531	8 621	12 225	4 685
tons . . . . .	249 167	53 752	154 991	40 424
Liquid or gas materials . . . . . farms . . . . .	1 615	481	791	343
tons . . . . .	10 907	2 002	6 751	2 154
Cotton . . . . . farms . . . . .	136 530	44 737	60 332	31 461
acres . . . . .	11 060 977	1 922 754	6 426 085	2 712 138
bales . . . . .	10 029 493	1 717 964	6 046 228	2 265 301
Irrigated . . . . . farms . . . . .	24 780	6 635	11 746	6 399
acres . . . . .	3 105 829	507 084	1 831 066	767 679
Commercial fertilizer used . . . . . farms . . . . .	108 461	33 677	50 022	24 762
acres . . . . .	8 587 534	1 432 981	5 118 860	2 035 693
Dry materials . . . . . farms . . . . .	89 256	29 078	40 976	19 202
tons . . . . .	1 096 838	209 247	674 125	213 466
Liquid or gas materials . . . . . farms . . . . .	34 859	8 658	17 318	8 883
tons . . . . .	454 787	65 192	281 186	108 409
Irish potatoes . . . . . farms . . . . .	55 455	29 603	20 033	5 819
acres . . . . .	1 260 261	337 011	749 482	173 768
hundredweight . . . . .	273 643 552	70 632 664	163 746 308	39 264 580
Irrigated . . . . . farms . . . . .	8 991	3 476	4 195	1 320
acres . . . . .	706 584	178 885	407 474	120 225
Commercial fertilizer used . . . . . farms . . . . .	35 124	17 611	13 753	3 760
acres . . . . .	1 246 046	331 354	742 676	172 016
Dry materials . . . . . farms . . . . .	34 575	17 426	13 483	3 666
tons . . . . .	631 267	182 425	367 500	81 342
Liquid or gas materials . . . . . farms . . . . .	1 983	614	1 058	311
tons . . . . .	45 276	6 733	28 045	10 498
Tobacco . . . . . farms . . . . .	163 194	90 213	44 635	28 346
acres . . . . .	789 155	312 772	298 683	177 700
pounds . . . . .	1 484 697 398	594 526 109	559 196 527	330 974 762
Irrigated . . . . . farms . . . . .	14 621	6 556	5 385	2 680
acres . . . . .	109 630	37 153	52 914	19 563
Commercial fertilizer used . . . . . farms . . . . .	163 181	90 203	44 632	28 346
acres . . . . .	781 852	309 310	296 002	176 540
Dry materials . . . . . farms . . . . .	162 097	89 595	44 329	28 173
tons . . . . .	759 771	298 347	292 832	168 592
Liquid or gas materials . . . . . farms . . . . .	2 868	1 502	859	507
tons . . . . .	5 446	2 085	2 205	1 156
Hay crops:				
Alfalfa and alfalfa mixtures for				
hay or dehydrating . . . . . farms . . . . .	524 605	242 833	205 316	76 456
acres . . . . .	22 139 038	8 625 623	10 823 982	2 689 433
tons, dry . . . . .	62 515 776	23 940 785	30 392 944	8 182 047
Irrigated . . . . . farms . . . . .	62 245	27 249	26 772	8 224
acres . . . . .	4 886 939	1 727 222	2 560 671	599 046
Clover, timothy, and mixtures of				
clover and grasses for hay . . . . . farms . . . . .	307 587	173 635	102 426	31 526
acres . . . . .	10 525 103	5 377 485	4 243 612	904 006
tons, dry . . . . .	19 479 871	9 927 991	7 816 271	1 735 609
Irrigated . . . . . farms . . . . .	8 827	4 521	3 625	681
acres . . . . .	843 908	333 427	454 830	55 651
Small grain hay . . . . . farms . . . . .	69 516	32 116	30 225	7 175
acres . . . . .	2 249 185	831 397	1 173 266	244 522
tons, dry . . . . .	3 442 538	1 304 450	1 759 027	379 061
Irrigated . . . . . farms . . . . .	5 226	2 408	2 251	567
acres . . . . .	193 964	72 309	98 977	22 678
Other hay . . . . . farms . . . . .	221 146	97 845	99 384	23 917
acres . . . . .	11 306 918	3 699 793	6 456 827	1 150 298
tons, dry . . . . .	14 418 325	5 166 226	7 883 382	1 368 717
Irrigated . . . . . farms . . . . .	9 280	3 718	4 636	926
acres . . . . .	1 590 146	512 804	953 329	124 013
Grass silage . . . . . farms . . . . .	41 665	18 341	18 952	4 372
acres . . . . .	1 364 316	531 478	121 499	121 339
tons, green . . . . .	9 118 613	3 504 120	4 750 298	864 195
Irrigated . . . . . farms . . . . .	957	359	494	104
acres . . . . .	59 804	17 854	35 691	6 259
Hay crops cut and fed green . . . . . farms . . . . .	31 185	14 386	13 013	3 786
acres . . . . .	695 397	291 035	319 801	84 561
tons, green . . . . .	4 262 953	1 686 587	2 018 943	557 423
Irrigated . . . . . farms . . . . .	1 656	646	761	249
acres . . . . .	91 543	27 792	49 259	14 492
Commercial fertilizer used on				
hay crops . . . . . farms . . . . .	186 429	89 912	77 906	18 611
acres . . . . .	7 917 453	3 211 141	3 958 807	747 505
Dry materials . . . . . farms . . . . .	178 597	86 956	74 218	17 423
tons . . . . .	1 106 763	494 667	518 617	93 479
Liquid or gas materials . . . . . farms . . . . .	13 518	5 246	6 569	1 703
tons . . . . .	78 016	27 291	41 767	8 958

Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
<b>Field seeds:</b>				
Red clover seed . . . . . farms . . . . .	20 652	9 526	8 796	2 330
acres . . . . .	324 703	135 925	153 247	35 531
pounds . . . . .	34 490 819	14 412 786	16 716 776	3 361 257
Irrigated . . . . . farms . . . . .	572	244	245	83
acres . . . . .	13 199	4 745	6 495	1 959
Alfalfa seed . . . . . farms . . . . .	8 596	2 696	4 744	1 156
acres . . . . .	404 702	98 220	254 100	52 382
pounds . . . . .	89 905 712	20 815 321	57 769 565	11 320 826
Irrigated . . . . . farms . . . . .	2 227	845	1 091	291
acres . . . . .	210 367	50 263	131 274	28 830
<b>Commercial fertilizer used on</b>				
field seeds . . . . . farms . . . . .	9 610	3 934	4 830	846
acres . . . . .	720 041	190 139	460 729	69 173
Dry materials . . . . . farms . . . . .	8 920	3 721	4 440	759
tons . . . . .	123 734	28 718	82 961	12 055
Liquid or gas materials . . . . . farms . . . . .	1 145	348	650	147
tons . . . . .	11 132	2 730	6 959	1 443
<b>Vegetables:</b>				
Total, all vegetables . . . . . farms . . . . .	70 559	29 795	30 167	10 597
acres . . . . .	3 260 349	643 309	1 870 665	746 375
Irrigated . . . . . farms . . . . .	18 545	6 563	8 447	3 535
acres . . . . .	1 624 551	243 638	912 295	468 618
Commercial fertilizer used . . . . . farms . . . . .	57 145	22 951	25 429	8 765
acres . . . . .	2 918 138	542 448	1 694 708	680 982
Dry materials . . . . . farms . . . . .	54 588	22 280	24 153	8 155
tons . . . . .	1 049 525	184 321	577 444	287 760
Liquid or gas materials . . . . . farms . . . . .	9 873	2 717	5 028	2 128
tons . . . . .	173 739	19 196	95 235	59 308
Tomatoes . . . . . farms . . . . .	21 418	9 769	8 674	2 975
acres . . . . .	387 833	57 061	220 351	110 421
Irrigated . . . . . farms . . . . .	5 837	2 108	2 596	1 133
acres . . . . .	261 555	27 524	143 336	90 695
Sweet corn . . . . . farms . . . . .	25 876	11 729	10 852	3 295
acres . . . . .	631 064	158 293	360 194	112 577
Irrigated . . . . . farms . . . . .	4 708	1 779	2 282	647
acres . . . . .	176 004	36 046	110 280	29 678
Cucumbers and pickles . . . . . farms . . . . .	14 035	5 977	5 972	2 086
acres . . . . .	109 998	23 270	65 452	21 276
Irrigated . . . . . farms . . . . .	3 121	1 122	1 431	568
acres . . . . .	47 832	8 180	26 821	12 831
Watermelons . . . . . farms . . . . .	12 648	4 771	5 974	1 903
acres . . . . .	203 159	35 731	121 785	45 643
Irrigated . . . . . farms . . . . .	1 745	567	850	328
acres . . . . .	54 725	8 484	29 687	16 554
Snap beans, bush and pole . . . . . farms . . . . .	10 865	4 954	4 549	1 362
acres . . . . .	268 666	47 477	173 880	47 309
Irrigated . . . . . farms . . . . .	2 857	1 019	1 355	483
acres . . . . .	125 471	23 211	73 758	28 502
<b>Berries:</b>				
Strawberries . . . . . farms . . . . .	10 182	5 757	3 501	924
acres . . . . .	46 521	16 603	21 749	8 169
pounds . . . . .	421 366 834	92 918 830	172 476 789	155 971 215
Irrigated . . . . . farms . . . . .	3 421	1 586	1 342	493
acres . . . . .	29 466	8 241	14 281	6 944
Commercial fertilizer used on . . . . . farms . . . . .	7 691	4 630	2 338	723
acres . . . . .	94 639	50 080	34 527	10 032
Dry materials . . . . . farms . . . . .	7 556	4 564	2 301	691
tons . . . . .	31 193	14 255	11 939	4 999
Liquid or gas materials . . . . . farms . . . . .	484	224	135	125
tons . . . . .	2 031	393	627	1 011
<b>Land in orchards (see text)</b>				
Land in orchards . . . . . farms . . . . .	83 838	58 355	20 956	4 527
acres . . . . .	4 009 597	2 695 581	1 124 272	189 744
Irrigated . . . . . farms . . . . .	36 997	28 115	7 067	1 815
acres . . . . .	2 303 646	1 587 975	610 246	105 425
Commercial fertilizer used . . . . . farms . . . . .	62 639	45 375	14 204	3 060
acres . . . . .	3 509 298	2 406 897	947 402	154 999
Dry materials . . . . . farms . . . . .	59 825	43 319	13 597	2 909
tons . . . . .	1 275 136	994 392	241 961	38 783
Liquid or gas materials . . . . . farms . . . . .	5 688	4 118	1 298	272
tons . . . . .	82 545	55 420	22 324	4 801
Apples . . . . . farms . . . . .	21 290	14 470	5 842	978
acres . . . . .	525 826	324 391	182 718	18 717
Trees not of bearing age . . . . . number . . . . .	9 277 795	6 116 819	2 884 050	276 926
Trees of bearing age . . . . . number . . . . .	22 697 525	14 307 286	7 573 823	816 416
pounds . . . . .	6 001 482 743	3 659 189 700	2 132 903 588	209 389 455
Peaches . . . . . farms . . . . .	14 731	9 348	4 589	794
acres . . . . .	300 608	154 247	126 762	19 599
Trees not of bearing age . . . . . number . . . . .	5 380 241	2 770 706	2 188 664	420 871
Trees of bearing age . . . . . number . . . . .	22 727 468	11 565 796	9 701 940	1 459 732
pounds . . . . .	2 990 021 283	1 577 919 635	1 251 053 266	161 048 382
Peaches, clingstone . . . . . farms . . . . .	5 352	3 330	1 711	311
acres . . . . .	123 009	62 685	52 898	7 426
Trees not of bearing age . . . . . number . . . . .	2 334 618	1 145 687	1 016 947	171 984
Trees of bearing age . . . . . number . . . . .	9 570 792	5 007 922	3 995 132	567 738
pounds . . . . .	1 618 161 102	894 903 815	649 218 788	74 038 499
Peaches, freestone . . . . . farms . . . . .	11 989	7 603	3 750	636
acres . . . . .	177 597	91 561	73 863	12 173
Trees not of bearing age . . . . . number . . . . .	3 045 623	1 625 019	1 171 717	248 887
Trees of bearing age . . . . . number . . . . .	13 156 676	6 557 874	5 706 808	891 994
pounds . . . . .	1 371 860 181	683 015 820	601 834 478	87 009 883

## Farm Management, Farm Operators

1969 Census of Agriculture  
United States

## Class 1-5 Farms

Table 21. Summary by Tenure of Operator: 1969—Continued

	Total	Full owners	Part owners	Tenants
Pears.....farms..	9 847	6 656	2 727	464
acres..	111 625	68 423	36 570	6 632
Trees not of bearing age...number..	2 395 534	1 477 025	821 594	96 915
Trees of bearing age...number..	8 607 894	5 353 240	2 668 876	585 778
pounds..	1 346 321 841	794 403 901	459 445 442	92 472 498
Pears, Bartlett.....farms..	8 088	5 499	2 215	374
acres..	83 126	50 702	26 976	5 448
Trees not of bearing age...number..	1 711 359	1 034 961	600 215	76 183
Trees of bearing age...number..	6 741 609	4 201 108	2 040 023	500 478
pounds..	983 372 269	581 281 916	324 141 960	77 948 393
Pears, other than Bartlett.....farms..	4 767	3 227	1 331	209
acres..	28 500	17 723	9 593	1 184
Trees not of bearing age...number..	684 175	442 064	221 379	20 732
Trees of bearing age...number..	1 866 285	1 152 132	628 853	85 300
pounds..	362 949 572	213 121 985	135 303 482	14 524 105
Cherries.....farms..	9 527	6 494	2 607	426
acres..	129 232	87 433	37 712	4 057
Trees not of bearing age...number..	1 998 218	1 345 332	584 094	68 792
Trees of bearing age...number..	7 780 745	5 294 404	2 262 216	224 125
pounds..	472 365 746	311 772 256	146 357 910	14 235 580
Cherries, tart.....farms..	5 401	3 668	1 515	218
acres..	65 710	45 516	18 878	1 316
Trees not of bearing age...number..	856 656	594 167	248 047	14 442
Trees of bearing age...number..	4 812 280	3 334 085	1 390 040	88 155
pounds..	269 790 738	178 286 672	85 309 255	6 194 811
Cherries, sweet.....farms..	6 727	4 612	1 824	291
acres..	63 494	41 920	18 833	2 741
Trees not of bearing age...number..	1 141 562	751 165	336 047	54 350
Trees of bearing age...number..	2 968 465	1 960 319	872 176	135 970
pounds..	202 575 008	133 485 584	61 048 655	8 040 769
Plums.....farms..	5 084	3 398	1 443	243
acres..	37 320	23 772	11 861	1 687
Trees not of bearing age...number..	751 990	545 945	167 633	38 412
Trees of bearing age...number..	2 934 364	1 846 477	949 614	138 273
pounds, fresh..	177 176 586	111 557 927	59 212 420	6 406 239
Prunes.....farms..	5 123	3 464	1 361	298
acres..	123 695	77 261	37 602	8 832
Trees not of bearing age...number..	1 764 809	1 100 192	552 797	111 820
Trees of bearing age...number..	9 257 206	5 853 151	2 739 488	664 567
pounds, fresh..	803 833 137	510 557 209	238 527 595	54 748 333
Grapes, total.....farms..	14 570	10 409	3 332	829
acres..	542 620	314 562	193 599	34 459
Vines not of bearing age...number..	14 324 901	8 267 832	5 564 176	492 893
Vines of bearing age...number..	250 674 859	147 254 380	87 487 123	15 933 356
pounds..	6 592 711 926	3 801 738 709	2 393 560 767	397 412 450