

Table 1. Estimated Census Farm Coverage Error for Selected Operation Characteristics: 1987

[Detail may not add to total due to rounding]

Geographic area and item	Estimated farms ¹		Census published farms		Estimated undercounted farms					Estimated overcounted farms		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
UNITED STATES												
Total	2 243 648	.4	2 082 315	.01	296 933	1.9	54 080	6.0	242 853	1.9	135 600	4.2
Farms by value of sales:												
Less than \$2,500	662 600	.8	488 652	.02	214 014	2.2	31 034	7.6	182 980	2.2	40 066	7.4
\$2,500 or more	1 581 048	.4	1 593 663	.01	82 919	3.4	23 046	9.5	59 873	2.9	95 534	5.2
\$2,500 to \$9,999	559 943	.6	536 306	.02	54 715	3.8	10 768	13.3	43 947	3.4	31 078	8.6
Less than \$10,000	1 222 543	.5	1 024 958	.01	268 729	2.0	41 802	6.6	226 927	2.0	71 144	5.6
\$10,000 or more	1 021 105	.4	1 057 357	.01	28 204	6.5	12 278	13.5	15 926	5.0	64 456	6.5
Farms by standard industrial classification:												
Crops (01)	921 373	.6	904 490	.03	90 123	3.1	19 606	9.8	70 517	2.9	73 240	5.8
Livestock (02)	1 322 274	.5	1 177 825	.03	206 809	2.2	34 474	7.5	172 335	2.2	62 360	6.3
Farms by size:												
1 to 49 acres	752 362	.8	591 229	.05	210 019	2.2	37 404	7.4	172 615	2.2	48 886	7.0
50 to 179 acres	672 674	.6	644 336	.05	67 186	3.5	11 868	11.5	55 318	3.5	38 848	7.7
180 to 499 acres	467 925	.6	478 069	.06	15 940	6.4	3 272	23.5	12 668	5.2	26 084	9.6
500 acres or more	350 689	.7	368 681	.05	3 790	12.8	1 536	29.9	2 254	7.1	21 782	11.8
Farms by tenure of operator:												
Full owners	1 369 595	.5	1 235 609	.02	237 024	2.0	41 056	6.7	195 988	2.0	103 038	4.8
Part owners	623 020	.5	608 113	.04	35 859	5.3	6 224	18.8	29 635	5.0	20 952	11.4
Tenants	251 034	1.0	238 593	.08	24 051	7.5	6 800	18.6	17 251	7.5	11 610	15.8
Farms by age of operator:												
Under 35 years	302 485	1.0	277 949	.07	43 432	4.5	7 562	20.0	35 870	3.4	18 896	12.4
35 to 54 years	959 733	.5	863 820	.04	143 285	2.6	21 258	9.1	122 027	2.6	47 372	7.1
55 years and over	981 430	.5	940 546	.04	110 216	2.9	25 260	8.3	84 956	2.9	69 332	5.9
Farms by principal occupation of operator:												
Farming	1 136 704	.4	1 135 115	.02	66 921	3.7	12 186	12.7	54 735	3.5	65 332	6.2
Other	1 106 945	.6	947 200	.03	230 013	2.1	41 894	6.8	188 119	2.1	70 268	5.8
Farms by residence of operator:												
On farm operated	1 604 380	.4	1 484 763	.03	213 369	2.2	40 814	6.9	172 555	2.2	93 752	5.0
Not on farm operated	430 043	.9	440 806	.06	31 085	6.8	13 266	11.8	17 819	8.0	41 848	7.9
Not reported	209 226	.8	156 746	.09	52 480	3.0	(?)	(?)	52 480	3.0	(?)	(?)
Farms by sex of operator:												
Male	2 094 969	.4	1 951 408	.01	264 207	1.9	46 690	6.3	217 517	1.9	120 646	4.5
Female	148 679	1.8	130 907	.11	32 726	6.0	7 390	17.3	25 336	5.8	14 954	12.1
NORTHEAST												
Total	146 446	1.0	123 482	.04	28 994	4.9	4 140	11.4	24 854	5.4	6 030	9.4
Farms by value of sales:												
Less than \$2,500	51 407	2.1	33 229	.08	19 438	5.3	1 890	17.0	17 548	5.6	1 260	20.8
\$2,500 or more	95 039	1.0	90 253	.04	9 556	8.6	2 250	15.5	7 306	10.2	4 770	10.6
\$2,500 to \$9,999	34 329	2.3	29 279	.08	6 490	11.3	1 080	22.5	5 410	12.8	1 440	19.4
Less than \$10,000	85 736	1.6	82 508	.05	25 928	5.2	2 970	13.5	22 958	5.6	2 700	14.2
\$10,000 or more	60 710	.9	60 974	.04	3 066	11.8	1 170	21.6	1 896	13.6	3 330	12.7
Farms by standard industrial classification:												
Crops (01)	60 823	1.8	50 629	.13	13 344	7.6	2 250	15.5	11 094	8.6	3 150	13.1
Livestock (02)	85 624	1.1	72 853	.12	15 651	5.4	1 890	17.0	13 761	5.7	2 880	13.7
Farms by size:												
1 to 49 acres	53 157	2.2	36 797	.21	17 890	6.4	2 610	14.4	15 280	7.1	1 530	18.9
50 to 179 acres	54 499	1.2	47 608	.19	9 141	6.2	1 170	21.6	7 971	6.4	2 250	15.5
180 acres or more	38 791	1.1	39 077	.17	1 964	13.0	360	38.9	1 604	13.3	2 250	15.5
Farms by tenure of operator:												
Full owners	97 028	1.4	77 239	.09	24 109	5.4	3 600	12.3	20 509	6.0	4 320	11.2
Part owners	39 235	1.0	36 566	.17	3 659	8.3	180	55.1	3 479	8.2	990	23.5
Tenants	10 183	3.3	9 677	.42	1 226	21.5	360	38.9	866	25.7	720	27.5
Farms by age of operator:												
Under 35 years	18 422	2.1	15 474	.30	3 488	9.6	450	34.8	3 038	9.7	540	31.8
35 to 54 years	67 712	1.5	55 012	.15	14 860	6.4	1 800	17.4	13 060	6.9	2 160	15.9
55 years and over	60 312	1.5	52 996	.16	10 646	7.8	1 890	17.0	8 756	8.7	3 330	12.7
Farms by principal occupation of operator:												
Farming	74 850	1.0	70 450	.09	8 090	7.8	1 530	18.9	6 560	8.6	3 690	12.1
Other	71 597	1.7	53 032	.15	20 905	5.7	2 610	14.4	18 295	6.2	2 340	15.2
Farms by residence of operator:												
On farm operated	121 868	1.2	102 363	.10	24 545	5.3	3 330	12.7	21 215	5.8	5 040	10.3
Not on farm operated	14 247	2.4	13 856	.33	1 381	18.1	810	25.9	571	23.8	990	23.5
Not reported	10 332	3.3	7 263	.43	3 069	11.1	(?)	(?)	3 069	11.1	(?)	(?)
Farms by sex of operator:												
Male	134 267	1.1	114 188	.04	25 479	5.2	3 600	12.3	21 879	5.7	5 400	10.0
Female	12 179	3.2	9 294	.42	3 515	9.8	540	31.8	2 975	10.1	630	29.4

See footnotes at end of table.

Table 1. Estimated Census Farm Coverage Error for Selected Operation Characteristics: 1987—Con.

[Detail may not add to total due to rounding]

Geographic area and item	Estimated farms ¹		Census published farms		Estimated undercounted farms						Estimated overcounted farms	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
MIDWEST												
Total	871 608	.6	861 982	.01	67 402	3.8	12 560	17.7	54 842	2.3	57 776	8.2
Farms by value of sales:												
Less than \$2,500	156 489	1.9	125 967	.04	43 710	4.3	5 652	26.5	38 058	2.9	13 188	17.3
\$2,500 or more	715 120	.6	736 015	.01	23 693	7.3	6 908	23.9	16 785	2.9	44 588	9.3
\$2,500 to \$9,999	180 529	1.3	180 072	.03	11 761	8.9	2 512	39.7	9 249	3.6	11 304	18.7
Less than \$10,000	337 018	1.1	306 039	.02	55 471	3.9	8 164	22.0	47 307	2.5	24 492	12.7
\$10,000 or more	534 590	.7	555 943	.02	11 931	11.4	4 396	30.0	7 535	4.6	33 284	10.8
Farms by standard industrial classification:												
Crops (01)	426 522	.9	430 260	.04	27 034	5.6	4 396	30.0	22 638	3.2	30 772	11.3
Livestock (02)	445 086	.9	431 722	.05	40 368	5.1	8 164	22.0	32 204	3.0	27 004	12.0
Farms by size:												
1 to 49 acres	201 142	1.8	171 206	.10	48 776	4.8	10 676	19.2	38 100	2.9	18 840	14.5
50 to 179 acres	250 660	1.0	252 767	.08	12 337	6.8	(S)	(S)	(S)	(S)	14 444	1
180 acres or more	419 806	.7	438 009	.06	6 289	5.0	(S)	(S)	(S)	(S)	24 492	12
Farms by tenure of operator:												
Full owners	459 745	1.0	447 410	.04	52 527	4.0	8 164	22.0	44 363	2.4	40 192	9.8
Part owners	290 593	.8	294 014	.06	7 255	13.4	1 884	45.9	5 371	8.4	10 676	19.2
Tenants	121 270	1.6	120 558	.12	7 620	13.7	2 512	39.7	5 108	5.8	6 908	23.9
Farms by age of operator:												
Under 35 years	153 188	1.7	147 479	.10	17 013	8.8	5 024	28.1	11 989	4.3	11 304	18.7
35 to 54 years	365 572	.8	352 640	.06	31 144	4.9	3 768	32.4	27 376	3.3	18 212	14.7
55 years and over	352 848	1.0	361 863	.06	19 245	7.0	3 768	32.4	15 477	3.7	28 260	11.8
Farms by principal occupation of operator:												
Farming	532 875	.7	545 723	.03	16 668	7.3	3 140	35.5	13 528	3.7	29 516	11.5
Other	338 733	1.2	316 259	.06	50 734	4.4	9 420	20.5	41 314	2.7	28 260	11.8
Farms by residence of operator:												
On farm operated	657 155	.7	645 045	.04	49 790	4.5	10 048	19.8	39 742	2.5	37 680	10.2
Not on farm operated	146 267	2.1	160 097	.10	6 266	16.7	2 512	39.7	3 754	8.6	20 096	14.0
Not reported	68 186	.9	56 840	.16	11 348	5.1	(?)	(?)	11 346	5.1	(?)	(?)
Farms by sex of operator:												
Male	832 990	.6	826 221	.01	60 149	3.8	10 048	19.8	50 101	2.3	53 380	8.5
Female	38 618	4.4	35 761	.21	7 253	15.0	2 512	39.7	4 741	9.2	4 396	30.0
SOUTH												
Total	931 014	.5	823 851	.01	157 507	2.7	31 088	6.5	126 419	2.9	50 344	5.1
Farms by value of sales:												
Less than \$2,500	351 454	1.2	252 837	.03	118 801	3.1	19 488	8.2	99 313	3.4	20 184	8.1
\$2,500 or more	579 559	.5	571 014	.02	38 705	4.5	11 600	10.7	27 105	4.6	30 160	6.6
\$2,500 to \$9,999	282 281	.7	267 161	.02	29 736	4.9	6 032	14.8	23 704	4.8	14 616	9.5
Less than \$10,000	633 736	.7	519 998	.02	148 538	2.8	25 520	7.2	123 018	3.0	34 800	6.1
\$10,000 or more	297 278	.6	303 853	.02	8 969	10.7	5 568	15.4	3 401	12.4	15 544	9.2
Farms by standard industrial classification:												
Crops (01)	307 827	.9	295 326	.05	38 949	5.0	10 672	11.1	28 277	5.4	26 448	7.0
Livestock (02)	623 185	.6	528 525	.04	118 556	3.0	20 416	8.0	98 140	3.2	23 896	7.4
Farms by size:												
1 to 49 acres	348 998	1.1	259 626	.08	108 164	3.2	19 256	8.3	88 908	3.4	18 792	8.4
50 to 179 acres	313 717	.8	292 030	.08	39 551	5.1	8 584	12.4	30 967	5.6	17 864	8.6
180 acres or more	268 299	.6	272 195	.07	9 792	8.1	3 248	20.2	6 544	6.8	13 688	9.8
Farms by tenure of operator:												
Full owners	619 412	.7	535 279	.03	126 357	2.9	25 288	7.2	101 069	3.1	42 224	5.6
Part owners	226 416	.7	211 683	.07	20 301	7.0	3 016	21.0	17 285	7.4	5 568	15.4
Tenants	85 186	1.6	76 889	.15	10 849	11.6	2 784	21.8	8 065	13.7	2 552	22.8
Farms by age of operator:												
Under 35 years	98 323	1.3	86 233	.13	17 426	5.6	2 088	25.2	15 338	5.4	5 336	15.8
35 to 54 years	394 796	.8	339 495	.06	75 005	3.9	13 688	9.8	61 317	4.2	16 704	8.9
55 years and over	437 894	.7	401 123	.06	65 075	3.9	15 312	9.3	49 763	4.2	28 304	6.8
Farms by principal occupation of operator:												
Farming	382 377	.6	370 561	.05	31 072	5.5	5 800	15.1	25 272	5.8	19 256	8.3
Other	548 637	.8	453 290	.05	126 435	2.9	25 288	7.2	101 147	3.2	31 088	6.5
Farms by residence of operator:												
On farm operated	614 204	.7	540 775	.04	107 301	3.2	23 432	7.5	83 869	3.5	33 872	6.2
Not on farm operated	209 589	1.1	206 872	.09	19 189	8.7	7 656	13.1	11 533	11.6	16 472	8.9
Not reported	107 221	1.1	76 204	.14	31 017	3.9	(?)	(?)	31 017	3.9	(?)	(?)
Farms by sex of operator:												
Male	859 178	.5	761 703	.01	141 323	2.8	27 608	6.9	113 715	3.0	43 848	5.4
Female	71 836	2.3	62 148	.16	16 184	8.6	3 480	19.5	12 704	9.5	6 496	14.3

See footnotes at end of table.

Table 1. Estimated Census Farm Coverage Error for Selected Operation Characteristics: 1987—Con.

[Detail may not add to total due to rounding]

Geographic area and item	Estimated farms ¹		Census published farms		Estimated undercounted farms					Estimated overcounted farms		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
WEST												
Total	294 580	1.0	273 000	.02	43 030	5.2	6 292	16.8	36 738	5.3	21 450	9.0
Farms by value of sales:												
Less than \$2,500	103 250	2.1	76 619	.04	32 065	5.9	4 004	21.2	28 061	6.0	5 434	18.1
\$2,500 or more	191 330	1.0	196 381	.02	10 965	9.4	2 288	28.0	8 677	9.3	16 016	10.5
\$2,500 to \$9,999	62 804	1.8	59 794	.05	6 728	11.2	1 144	39.7	5 584	10.7	3 718	22.0
Less than \$10,000	166 053	1.5	136 413	.03	38 792	5.3	5 148	18.6	33 644	5.4	9 152	13.9
\$10,000 or more	128 527	1.3	136 587	.02	4 238	16.4	1 144	39.7	3 094	17.0	12 298	12.0
Farms by standard industrial classification:												
Crops (01)	126 201	1.4	128 275	.06	10 796	8.4	2 288	28.0	8 508	7.6	12 870	11.7
Livestock (02)	168 379	1.4	144 725	.07	32 234	6.0	4 004	21.2	28 230	6.2	8 580	14.4
Farms by size:												
1 to 49 acres	149 065	1.6	123 600	.10	35 189	5.7	4 862	19.2	30 327	5.8	9 724	13.5
50 to 179 acres	53 798	2.1	51 931	.16	6 157	11.1	858	45.8	5 299	10.5	4 290	20.4
180 acres or more	91 717	1.4	97 469	.09	1 684	30.3	572	56.1	1 112	35.6	7 436	15.5
Farms by tenure of operator:												
Full owners	193 410	1.3	175 681	.05	34 031	5.6	4 004	21.2	30 027	5.7	16 302	10.4
Part owners	66 776	1.6	65 850	.10	4 644	14.9	1 144	39.7	3 500	14.9	3 718	22.0
Tenants	34 395	2.6	31 469	.19	4 356	16.9	1 144	39.7	3 212	18.0	1 430	35.5
Farms by age of operator:												
Under 35 years	32 552	2.7	28 763	.20	5 505	12.0	-	-	5 505	12.0	1 716	32.4
35 to 54 years	131 653	1.6	119 673	.09	22 276	7.0	2 002	30.0	20 274	7.1	10 296	13.1
55 years and over	130 376	1.4	124 564	.09	15 250	8.4	4 290	20.4	10 960	8.6	9 438	13.7
Farms by principal occupation of operator:												
Farming	146 602	1.3	148 381	.06	11 091	10.0	1 716	32.4	9 375	10.3	12 870	11.7
Other	147 978	1.5	124 619	.09	31 939	5.7	4 576	19.8	27 363	5.8	8 580	14.4
Farms by residence of operator:												
On farm operated	211 153	1.2	196 580	.06	31 733	5.9	4 004	21.2	27 729	6.0	17 160	1.1
Not on farm operated	59 940	1.9	59 981	.14	4 249	17.2	2 288	28.0	1 961	18.0	4 290	20.4
Not reported	23 487	3.4	16 439	.25	7 048	11.2	(²)	(²)	7 048	11.2	(²)	(²)
Farms by sex of operator:												
Male	268 534	1.0	249 296	.02	37 256	5.5	5 434	18.1	31 822	5.6	18 018	9.9
Female	26 046	4.2	23 704	.23	5 774	13.1	858	45.8	4 916	13.1	3 432	22.9

¹Census published farms plus estimated undercounted farms minus estimated overcounted farms.

²All cases edited to either "on farm operated" or "not on farm operated" categories.

Table 2. Estimated Undercount for Selected Agricultural Items: 1987

[Detail may not add to total due to rounding]

Geographic area and item	Census published and undercounted farms ¹		Census published farms		Estimated undercounted farms					
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)
UNITED STATES										
Farms	2 379 248	.2	2 082 315	.01	296 933	1.9	54 080	6.0	242 853	1.9
Land in farms	980 072 515	.1	961 722 372	.02	18 350 143	6.4	4 557 964	15.4	13 792 179	6.9
Average size of farm	411.9	.3	462.0	.02	61.8	6.7	84.0	16.5	56.0	7.1
Market value of agricultural products										
sold										
\$1,000	137 077 713	.1	135 420 801	.01	1 656 912	8.4	807 922	14.8	848 990	8.3
Corn for grain	652 550	.3	627 602	.03	24 948	8.8	2 986	24.6	21 962	9.4
acres	59 264 383	.2	58 701 505	.04	562 878	18.5	73 444	39.8	489 434	20.4
Wheat for grain	358 222	.3	352 231	.05	5 991	20.1	1 768	27.8	4 223	26.0
acres	53 713 718	.4	53 224 055	.05	489 683	42.6	161 514	55.4	328 149	57.5
Soybeans for beans	451 625	.3	441 899	.04	9 726	13.7	1 556	39.2	8 170	14.5
acres	55 787 803	.2	55 291 205	.04	496 598	19.8	60 024	47.5	436 574	21.6
Hay	1 069 759	.3	994 253	.03	75 506	4.9	11 226	11.9	64 280	5.4
acres	59 330 280	.2	57 943 823	.04	1 386 457	9.1	290 618	26.0	1 095 839	9.2
Tobacco	145 565	1.0	136 682	.07	8 883	16.8	3 180	24.1	5 703	22.4
acres	6 544 916	1.0	6 333 104	.10	211 812	32.1	202 584	33.6	9 228	23.8
Cattle and calves inventory	1 323 567	.4	1 175 173	.02	148 394	3.5	21 468	9.4	126 926	3.8
number	97 472 804	.1	95 626 821	.02	1 845 983	6.6	461 530	18.1	1 384 453	6.4
Hogs and pigs inventory	279 372	1.0	242 981	.07	36 391	7.6	3 920	25.6	32 471	7.9
number	53 382 391	.5	52 222 983	.06	1 159 408	21.0	446 488	36.5	712 920	25.4
Hens and pullets of laying age										
inventory	192 106	1.7	141 622	.10	50 484	6.6	3 110	20.4	47 374	6.9
number	321 972 049	.9	315 507 008	.05	6 465 041	44.7	5 274 634	54.7	1 190 407	16.9

See footnotes at end of table.