

# 1991-92 CALIFORNIA ALMOND ACREAGE SURVEY

RELEASED: February 21, 1992  
12:00 NOON PDT



CALIFORNIA AGRICULTURAL  
STATISTICS SERVICE

## OBJECTIVES

The California Agricultural Statistics Service (CASS) conducted an almond acreage survey to provide the Almond Board of California (ABC) with current acreage, variety and year of plant data.

## PROCEDURES

Survey preparation began in July 1991. Almond industry sources provided input regarding the survey structure and questionnaire design. The CASS grower list was updated with the assistance from independent and co-op handlers. The acreage questionnaire was mailed to the updated grower list on October 15, 1991. After an allowance of three weeks for a mail return, CASS personnel contacted non-respondents by telephone. Field personnel made personal visits to large growers and to those CASS could not contact by mail or telephone. Survey data continued to be edited and included up to an extended cutoff of February 3, 1992. Final analysis and summary work was completed on February 19, 1992.

## RESULTS

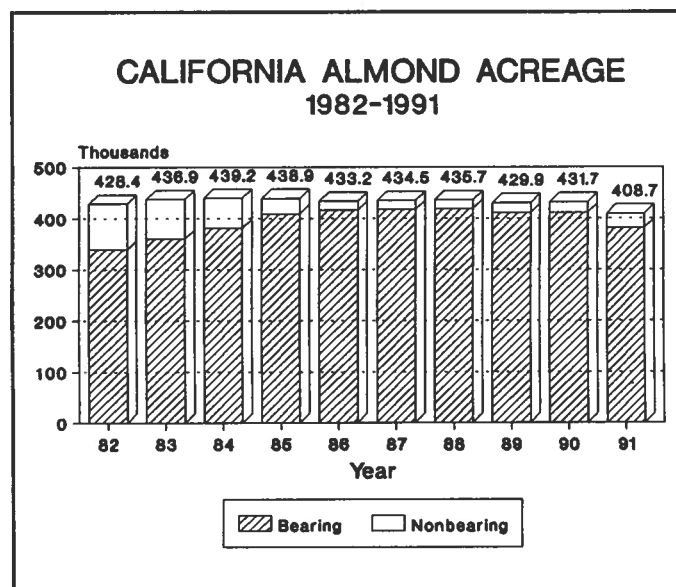
The almond industry showed strong support for the survey. Over 11,000 parcels were mailed to 7,000 plus owners. Over 95 percent of the parcels were completed. Efforts continue toward obtaining information from the remaining non-respondents.

The attached summary tables show the results of the 1991-92 acreage survey. These data are for dissemination to the almond industry and other interested parties. Only state totals have been published; individual reports remain confidential.

The 1991-92 acreage survey results show total acres of 408,700, of which 380,900 and 27,800 acres are bearing and non-bearing, respectively. Most of the reduction in acres can be attributed to removal of over 48,000 acres within the 1979 and before age category; most major counties showed pulls of four thousand acres or more with Kern the largest, 9,355. Most of the trees on these acres were likely pulled within the last three to five years but had not been previously reported. Non-bearing acres, 1989-91 plantings, show a slow upward trend starting in the late 1980's. Plantings were heaviest in Kern (8,245), Merced (6,302) and Stanislaus (3,548) counties, primarily to Non-Pareil, Carmel and Butte varieties.

## ACKNOWLEDGEMENTS

A special thanks goes to the almond farm operators and owners who provided information on their operations. Likewise, thanks to the ABC for their funding and support of this special acreage update survey.



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State Statistician

Ron Radenz & Dwaine Nelson  
Deputy State Statisticians

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Agricultural Statistician

Comments or questions should be directed to:

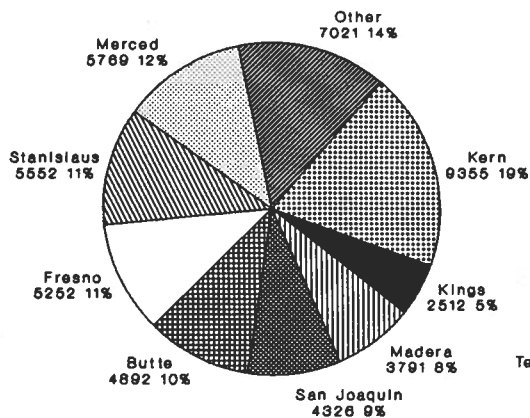
California Agricultural Statistics Service (CASS)  
P.O. Box 1258  
Sacramento, CA 95812  
(916) 654-0799  
(916) 551-1528 (FAX)

CALIFORNIA FRUIT AND NUT ACREAGE ESTIMATES BY COUNTY AND STATE TOTALS AS OF 1991

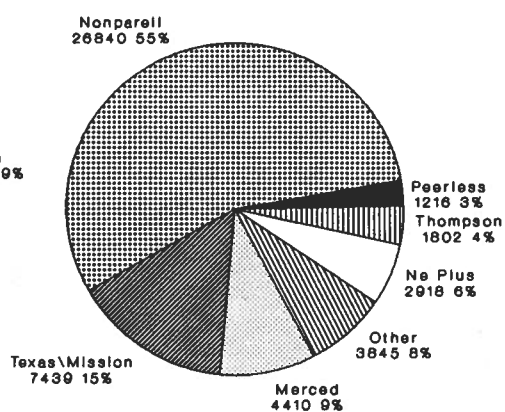
ALMONDS							
County	Bearing	Non-Bearing	Total	County	Bearing	Non-Bearing	Total
	----- Acres -----				----- Acres -----		
Alameda	0	0	0	Orange	0	0	0
Alpine	0	0	0	Placer	81	0	81
Amador	0	0	0	Plumas	0	0	0
Butte	35,002	1,028	36,030	Riverside	20	1	21
Calaveras	61	0	61	Sacramento	121	0	121
Colusa	12,810	1,294	14,104	San Benito	0	0	0
Contra Costa	218	0	218	San Bernardino	35	0	35
Del Norte	0	0	0	San Diego	0	0	0
El Dorado	0	0	0	San Francisco	0	0	0
Fresno	25,737	1,117	26,854	San Joaquin	33,499	1,454	34,953
Glenn	15,119	1,408	16,527	San Luis Obispo	3,082	0	3,082
Humboldt	0	0	0	San Mateo	0	0	0
Imperial	0	0	0	Santa Barbara	0	0	0
Inyo	0	0	0	Santa Clara	0	0	0
Kern	66,796	8,245	75,041	Santa Cruz	0	0	0
Kings	1,457	523	1,980	Shasta	8	0	8
Lake	1	0	1	Sierra	0	0	0
Lassen	0	0	0	Siskiyou	0	0	0
Los Angeles	1	0	1	Solano	1,345	1	1,346
Madera	32,047	2,029	34,076	Sonoma	0	0	0
Marin	0	0	0	Stanislaus	62,619	3,548	66,167
Mariposa	0	0	0	Sutter	3,491	178	3,669
Mendocino	0	0	0	Tehama	7,270	26	7,296
Merced	62,907	6,302	69,209	Trinity	0	0	0
Modoc	0	0	0	Tulare	9,131	461	9,592
Mono	0	0	0	Tuolumne	0	0	0
Monterey	3	0	3	Ventura	0	0	0
Napa	0	0	0	Yolo	5,863	86	5,949
Nevada	0	0	0	Yuba	2,163	69	2,232
				STATE TOTAL	380,887	27,770	408,657

## ALMOND REMOVALS 1979 & BEFORE

Counties



Varieties



**1991-92 CALIFORNIA ALMOND ACREAGE SUMMARY 1/**

County	All Varieties			Nonpareil			Variety	1959 & Earlier	1960-69	1970-79
	1959 & Earlier	1960-69	1970-79	1959 & Earlier	1960-69	1970-79				
Butte	5,030	10,053	10,464	2,979	5,681	5,171	Ballico	7	52	2
Calaveras	40	4	13	13	1	7	Butte	4	145	495
Colusa	3,281	2,253	1,618	1,317	1,139	832	Carmel	19	261	18,667
Contra Costa	131	34	18	21	17	15	Davey	322	198	24
Fresno	273	2,929	12,081	155	1,451	6,877	Drake	1,072	84	41
Glenn	801	2,337	6,025	507	1,591	2,837	Early Mission	2		51
Kern		3,216	40,124		1,989	25,104	Fritz	2	6	759
Kings		1	559		1	359	Harvey	4	168	1,854
Lake	1			1			Hasham			307
Los Angeles	1			1			IXL	376	19	1
Madera	390	4,576	12,289	266	2,767	6,399	Jeffries			215
Merced	1,458	12,333	24,813	848	7,283	12,866	Jordanolo	177	11	8
Monterey		1					Kapareil	1	140	64
Placer	57	24		21	12		Le Grand		10	704
Riverside		3	17		2	13	Livingston			91
Sacramento	4	1		3	1		Merced	131	5,745	10,742
San Joaquin	3,363	9,070	11,236	2,021	5,641	6,254	Milo		103	89
San Luis Obispo	2,354	560	141	1,376	378	93	Mono			927
Shasta	7	1		5	1		Monterey	1	1	388
Solano	606	409	283	209	161	122	Ne Plus Ultra	2,369	4,590	5,401
Stanislaus	1,477	9,214	30,510	914	5,374	15,741	Nonpareil	12,414	36,588	86,995
Sutter	1,297	842	946	588	389	485	Norman	17	389	277
Tehama	145	1,530	1,586	86	953	878	Other	151	212	450
Tulare		1,001	4,260		614	2,349	Peerless	1,783	1,692	2,100
Yolo	2,441	948	797	1,001	487	270	Price Cluster	28	447	6,077
Yuba	191	1,037	596	82	655	323	Ruby	7	248	615
STATE	23,348	62,377	158,376	12,414	36,588	86,995	Sauret #1			226
							Sauret #2			215
							Scheletter			80
							Texas/Mission	4,440	8,382	14,925
							Thompson	21	2,871	4,521
							Tokoyo			561
							Yosemite		15	504
							ALL ALMOND	23,348	62,377	158,376

1/ The totals for each category may be slightly different than the February 21 report because of rounding.

**1991-92 CALIFORNIA ALMOND ACREAGE SUMMARY 1/**

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Fresno	273	2,929	12,081	155	1,451	6,877	Drake	1,072	84	41
Glenn	801	2,337	6,025	507	1,591	2,837	Early Mission	2		51
Kern		3,216	40,124		1,989	25,104	Fritz	2	6	759
Kings		1	559		1	359	Harvey	4	168	1,854
Lake	1			1			Hasham			307
Los Angeles	1			1			IXL	376	19	1
Madera	390	4,576	12,289	266	2,767	6,399	Jeffries			215
Merced	1,458	12,333	24,813	848	7,283	12,866	Jordanolo	177	11	8
Monterey		1					Kapareil	1	140	64
Placer	57	24		21	12		Le Grand		10	704
Riverside		3	17		2	13	Livingston			91
Sacramento	4	1		3	1		Merced	131	5,745	10,742
San Joaquin	3,363	9,070	11,236	2,021	5,641	6,254	Milo		103	89
San Luis Obispo	2,354	560	141	1,376	378	93	Mono			927
Shasta	7	1		5	1		Monterey	1	1	388
Solano	606	409	283	209	161	122	Ne Plus Ultra	2,369	4,590	5,401
Stanislaus	1,477	9,214	30,510	914	5,374	15,741	Nonpareil	12,414	36,588	86,995
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Tulare		1,001	4,260		614	2,349	Peerless	1,783	1,692	2,100
Yolo	2,441	948	797	1,001	487	270	Price Cluster	28	447	6,077
Yuba	191	1,037	596	82	655	323	Ruby	7	248	615
STATE	23,348	62,377	158,376	12,414	36,588	86,995	Sauret #1			226
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							Yosemite		15	504
							ALL ALMOND	23,348	62,377	158,376

1/ The totals for each category may be slightly different than the February 21 report because of rounding.

ALMOND ACREAGE BY MAJOR COUNTIES BY YEAR PLANTED COMPARISON OF 1990 AND 1991

County & Year	1979 & Earlier	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	Acres <sup>g/</sup>		
														Bearing	Non-Bearing	Total
Butte	90	30436	2832	1506	154	212	118	67	101	188	0	39	37831	227	38058	
	91	25544	3054	1556	327	466	309	432	322	441	253	547	35002	1028	36030	
	+/-	-4892	222	50	173	254	191	365	221	253	253	508	228	-2829	801	-2028
Colusa	90	7909	1147	819	351	351	270	365	113	531	364	36	12406	931	13337	
	91	7154	1342	1061	277	227	388	458	117	517	687	570	12810	1294	14104	
	+/-	-755	188	242	-74	-124	118	93	4	-14	323	534	37	404	363	767
Fresno	90	20538	4123	1108	1108	426	438	32	82	182	119	165	29262	466	29728	
	91	15286	2181	1043	1043	386	546	381	354	665	371	431	25737	1117	26854	
	+/-	-5252	166	-65	-15	-40	108	349	272	483	252	266	315	-3525	651	-2874
Glenn	90	9734	1329	936	209	208	255	50	56	1232	887	403	14654	2522	17176	
	91	9162	1453	959	174	201	220	50	102	1233	923	405	15119	1408	16527	
	+/-	-572	124	23	-35	-7	-35	0	46	1	36	2	80	465	-649	
Kern	90	52694	4213	3411	3411	894	572	666	651	1659	3380	2790	73677	7829	81506	
	91	43339	4136	3269	1009	558	718	898	649	1844	3685	3202	1358	66796	8245	75041
	+/-	-9355	-77	-142	115	22	146	232	-2	185	305	412	1358	-6881	416	-6465
Madera	90	21048	3246	3405	3405	852	582	518	205	328	490	188	34298	1006	35304	
	91	17257	3117	3861	716	1060	881	735	711	571	1028	467	534	32047	2029	34076
	+/-	-3791	-129	456	-175	208	299	217	506	243	538	279	534	-2251	1023	-1228
Merced	90	44375	6461	4130	4130	1768	1135	590	1667	1247	1098	26	66365	2371	68736	
	91	38606	6442	3994	1531	1971	1164	670	1703	1900	2351	1637	2314	62907	6302	69209
	+/-	-5769	-19	-136	116	203	29	80	36	653	1253	1611	2314	-3458	3931	473
San Joaquin	90	27993	1871	1287	1287	607	637	474	337	378	50	11	36580	439	37019	
	91	23667	1837	1300	648	574	770	596	550	698	557	512	385	33499	1454	34953
	+/-	-4326	-34	13	21	-33	133	122	213	320	507	501	385	-3081	1015	-2066
Stanislaus	90	46753	3815	3210	1630	1325	1405	998	1582	2531	959	483	65112	3973	69085	
	91	41201	3777	3154	1667	1370	1300	1049	1687	2794	1557	991	1000	62619	3548	66167
	+/-	-5552	-38	-56	37	45	-105	51	105	263	598	508	1000	-2493	-425	-2918
Tehama	90	3588	784	869	869	28	33	102	168	340	0	0	6901	340	7241	
	91	3259	775	838	577	30	89	102	168	138	0	3	7270	26	7296	
	+/-	-329	-9	-31	478	2	56	0	0	-202	0	3	369	-314	55	
Tulare	90	5574	662	477	434	259	26	0	224	139	173	74	8985	386	9371	
	91	5261	737	517	422	530	26	0	225	139	173	159	9131	461	9592	
	+/-	-313	75	40	-12	271	0	0	1	0	0	85	129	146	75	221
Yolo	90	6009	70	401	692	41	47	29	18	20	20	0	7548	40	7588	
	91	4184	51	402	715	41	38	105	24	55	49	22	5863	86	5949	
	+/-	-1825	-19	1	23	0	-9	76	6	35	29	22	15	-1685	46	-1639
All Others	90	15913	471	458	184	40	13	150	35	76	35	15	17675	126	17801	
	91	10174	297	531	199	39	47	273	57	159	119	47	12087	772	12859	
	+/-	-5739	-174	73	15	-1	34	123	22	83	84	32	606	-5588	646	-4942
STATE TOTAL	90	292564	28489	22017	8080	6653	5531	4041	5239	8851	7575	4230	411294	20656	431950	
	91	244094	28696	22485	8747	7453	6496	5749	6669	11154	11753	8993	380887	27770	408657	
	+/-	-48470	207	468	667	800	965	1708	1430	2303	4178	4763	7024	-30407	7114	-23293

g/ Non-bearing includes plantings for 1989-91.

CALIFORNIA FRUIT AND NUT ACREAGE AS OF 1991 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY -- ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 1991

Variety	1979 & Earlier	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	Acres a/		Total	
														Bearing	Non-Bearing		
Ballico	61													61	5,838	2,902	8,740
Butte	645	535	1,413	846	377	262	216	197	407	940	803	1,079	1,020				
California/CA																	
Papershell	18																
Carmel	18,946	6,201	9,414	6,421	2,589	2,401	1,718	1,642	1,919	2,740	2,695	1,706	1,353	53,991	5,754	59,745	72
Carriens	29	84	50	9	18		1	4	11	13	12			219	12	231	
Davey	546								1					547			547
Dottie Won	20	5										5	5	40	10	50	
Drake	1,198							1	3	1				1,203	3	1,206	
Early Mission	53	1	5								5			59	5	64	
Fritz	766	246	669	256	103	142	371	214	176	403	634	215	349	3,346	1,198	4,544	
Harvey	2,026	87	57	3		5	2	4			5	3	1	2,184	9	2,193	
Hasham	307	170		77	36		31	40						661		661	
IXL	394							1						395		395	
Jeffries	215	131	225										7	571	7	578	
Jordanolo	195				1				1			2		197	2	199	
Kapareil	205	25	4	32	11	1	2					1		280	1	281	
Le Grand	714	414	116	57	41		3	8	8			8		1,361	8	1,369	
Livingston	91	30	7	11	4		40			28	6	12	93	211	111	322	
Merced	16,617	206	98	15	26	29	111	23	14	58	13	13	23	17,197	49	17,246	
Milo	192													192		192	
Mono	927	174	54	107	24	117	17	34		5		28	8	1,459	36	1,495	
Monterey	390	432	560	1,112	353	163	131	38	339	314	214	189	132	3,832	535	4,367	
N-43		77												77		77	
Ne Plus Ultra	12,357	632	925	377	80	81	55	62	46	105	28	18	24	14,720	70	14,790	
Non-pareil	135,993	12,898	17,628	8,500	3,092	2,822	2,594	2,446	2,510	4,110	4,841	3,590	2,377	192,593	10,808	203,401	
Norman	682	1		12										695		695	
Other	703	88	88	84	16	23	4	12	6	13	34	9	155	1,037	198	1,235	
Padre	5			37	19	4	6	32	100	284	240	437	407	487	1,084	1,571	
Peerless	5,574	1,146	1,328	763	197	240	213	153	120	212	131	102	61	9,946	294	10,240	
Price Cluster	6,553	2,534	4,280	1,731	655	577	675	365	445	674	759	636	232	18,489	1,627	20,116	
Ruby	871	404	452	472	179	176	65	87	164	268	130	85	118	3,138	333	3,471	
Sauret #1	226	110	64	37	7	2	15		1	3		8		465	8	473	
Sauret #2	215	123	44	10		3	10						1	405	1	406	
Scheletter	80													80		80	
Sonora						18	40	8	27	142	686	434	98	235	1,218	1,453	
Texas/Mission	27,748	1,607	1,694	1,169	716	342	161	329	320	737	354	315	398	34,823	1,067	35,890	
Thompson	7,413	102	56	184	172	23	9		3	28	5	10	11	7,990	26	8,016	
Tioga	30	22	12	1										65		65	
Tokoyo	561	74	49	44		4	24		21	6	14		14	783	28	811	
Wood Colony	1	23				2	6		14	38	108	75	71	84	254	338	
Yosemite	520	114	52	99	11	4						4		800	4	804	
ALL ALMOND	244,094	28,696	39,344	22,485	8,747	7,453	6,496	5,749	6,669	11,154	11,753	8,993	7,024	380,887	27,770	408,657	

a/ Non-bearing includes plantings for 1989-91.

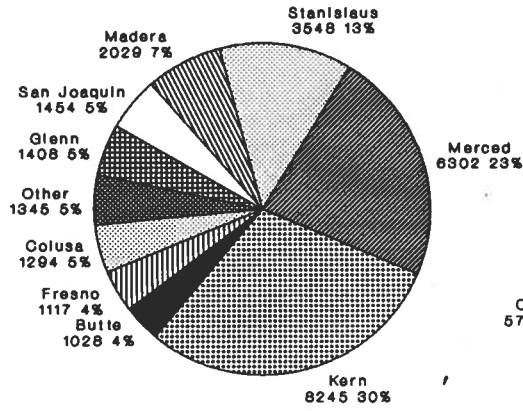
1991 NON-PAREIL VARIETY ACREAGE SUMMARY BY YEAR PLANTED

Variety	1979 & Earlier	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	Acres a/		Total
														Bearing	Non-Bearing	
Butte	13,830	1,349	1,253	471	46	139	119	182	134	0	78	148	52	17,701	278	17,979
Calaveras	20	3												23		23
Colusa	3,288	610	479	347	91	52	61	172	2	201	259	214	18	5,303	491	5,794
Contra Costa	53	1	1	1										56		56
Fresno	8,483	864	1,780	450	238	192	330	143	114	293	145	104	146	12,887	395	13,282
Glenn	4,935	589	742	467	57	96	71	425	29	425	407	184	34	7,411	625	8,036
Kern	27,093	2,001	5,117	1,589	505	285	362	473	310	808	1,742	1,518	380	38,543	3,640	42,183
Kings	359	63	87	68	35		1	51	2	12	17	2	240	678	259	937
Lake	1													1		1
Los Angeles	1													1		1
Medera	9,432	1,164	1,554	1,535	310	488	424	380	318	159	454	230	157	15,764	841	16,605
Merced	20,998	2,873	2,011	1,246	422	691	384	231	641	520	846	568	663	30,017	2,077	32,094
Placer	33													33		33
Riverside	15													15		15
Sacramento	4							58						62		62
San Bernardino					17									17		17
San Joaquin	13,916	829	1,100	452	265	229	259	245	181	255	215	183	159	17,731	557	18,288
San Luis Obispo	1,847			7	7									1,861		1,861
Shasta	6													6		6
Solano	491			20										511		511
Stanislaus	22,029	1,722	2,040	1,166	569	477	515	422	574	1,057	565	379	404	30,571	1,348	31,919
Sutter	1,462	31	12	20	17	7	11	2	6	31	11	11	25	1,599	47	1,646
Tehama	1,917	367	651	405	272		38	48	74	57		2	11	3,829	13	3,842
Tulare	2,963	405	680	237	189	159	13		104	70	87	39	43	4,820	169	4,989
Yolo	1,757	10	96	14	45	7	6	39	10	26	8	7	5	2,010	20	2,030
Yuba	1,060	17	25	5	7				11	18	7	1	40	1,143	48	1,191
STATE	135,993	12,898	17,628	8,500	3,092	2,822	2,594	2,446	2,510	4,110	4,841	3,590	2,377	192,593	10,808	203,401

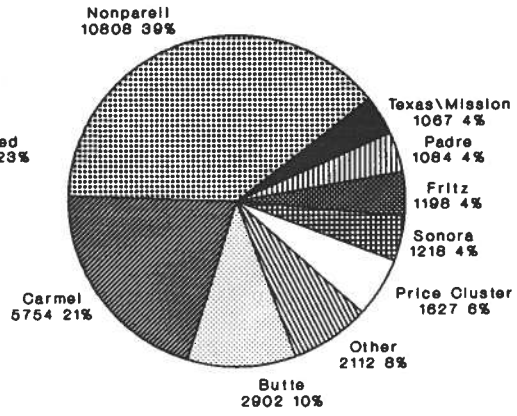
a/ Non-bearing includes plantings for 1989-91.

# ALMOND PLANTINGS 1989-91

## Counties



## Varieties



STATE OF CALIFORNIA  
DEPARTMENT OF FOOD AND AGRICULTURE  
1220 N STREET  
SACRAMENTO, CA 95814