

Merger of SOV/Reg precincts

Mergers of the Statement of Vote (SOV) to Registration Precincts (Reg) are done as follows:

RG##AD%.TYR
RR##AD%.TYR
SA##AD%.TYR
SR##AD%.TYR
SS##AD%.TYR
SV##AD%.TYR

Here, the ## is the alphabetic number of the county (1-58), %% is the Assembly District, and TYR is the type of election (T can be either G for General or P for Primary, YR is the year). So, for example, for the 72cd Assembly District in Orange County, there would be six files:

RG30AD72.G92
RR30AD72.G92
SA30AD72.G92
SR30AD72.G92
SS30AD72.G92
SV30AD72.G92

A description of the files follows:

RG file

This has the registration precinct as obtained from the Secretary of State 29-day close of registration tape and the total number of registered voters, also obtained from this file. Example:

0002016A	710
0002016B	114
0002017A	414
0002017B	928

SV file

This has the SOV precinct the total number of registered voters, and the polling place vote for that SOV precinct. All of this information is obtained from a tape or hardcopy provided by the county. Example:

0002001N	448	275
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SA file

This has precincts which are absentee precincts. Example:

8000001Y

RR file

This has consolidations between registration precincts made to facilitate the merger of SOV, Reg, and census data. The left-hand column is the precinct which is mapped to the census geography. If a Reg precinct is not in the RR file but is in the RG file then it is mapped to the census geography.

Example:

0002016 0002016A

SS file

This has consolidations between SOV precincts made to facilitate the merger of SOV, Reg, and census data. The left-hand column is the precinct which is mapped to the census geography. Example:

0002702N 0002701N

SR file

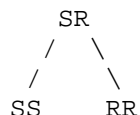
This has consolidations between SOV and Reg precincts. If an SOV precinct is in the left-hand column of the SS file, it will appear in the left-hand column of the SR file. If it is in the right-hand column of the SS file, it may not appear in the left-hand column of the SR file. If the SOV precinct is not in the SS file but is in the SV file, it will appear in the left-hand column of the SR file.

Similarly, if a Reg precinct is in the left-hand column of the RR file, it will appear in the right-hand column of the SR file. If the Reg precinct is in the right-hand column of the RR file, it will not appear in the right-hand column of the SR file. If the Reg precinct is not in the RR file but is in the RG file, it will appear in the right-hand column of the SR file.

Example:

0002702N 0002016

This scheme can be conceptualized as follows: SOV precincts are associated with Reg precincts in the SR file. Both SOV precincts and Reg precincts may be consolidated with one another, the SOV precincts in the SS file and the Reg precincts in the RR file. If there is a consolidation, the consolidated precinct is the precinct which is used in the SR file--if not, the precinct from the lower-level file (SV or RG) is used in the SR file. Schematically,





Mergers of census data to the precinct are done to precincts at the RR level, or, if the precinct is not in that file, at the RG file.

Here is an example taken from Butte county, AD 03

Master Precinct 10000101 totreg from sov, totreg from sor 1137 1137

SOV precincts and reg in merger

```

10000104  793
10000101  344
  
```

Reg precincts and reg in merger

```

0001801  222
0001851  107
                                0001851A  106
                                0001851B   1
0001835   16
                                0001835A  16
0001850  792
                                0001850A  792
  
```

The following entries are in the following files:

SR04AD03.G92

```

10000101 0001801
10000101 0001835
10000101 0001851
10000101 0001850
  
```

SS04AD03.G92

```

10000101 10000104
  
```

RR04AD03.G92

```

0001851 0001851A
0001851 0001851B
0001835 0001835A
0001850 0001850A
  
```

RG04AD03.G92

```

0001801  222
0001835A  16
0001850A  792
0001851A  106
0001851B   1
  
```

SV04AD03.G92

10000101	344	183
10000104	793	501

There are five merged files created from this process.

MTYR###%.TYR
 RTYR###%.TYR
 STYR###%.TYR
 SG90###%.TYR
 PL94###%.TYR

MTYR###%.TYR is the merged 1992G SOV data, 1990G SOV data, Reg data, and PL94-171 census data. Its format is as follows:

Variable	Start	End	Format
MSOVPREC	1	8	A8
COUNTY	9	16	F8.0
ABSENTEE	17	24	F8.0
REGDT\$R	25	32	F8.0
BIRDT\$R	33	40	F8.0
REGDN\$R	41	48	F8.0
BIRDN\$R	49	56	F8.0
LATDEM\$R	57	64	F8.0
LATREP\$R	65	72	F8.0
LATDCL\$R	73	80	F8.0
LATOTH\$R	81	88	F8.0
JEWDEM\$R	89	96	F8.0
JEWREP\$R	97	104	F8.0
JEWDCL\$R	105	112	F8.0
JEWOTH\$R	113	120	F8.0
MR\$R	121	128	F8.0
MRS\$R	129	136	F8.0
MISS\$R	137	144	F8.0
MS\$R	145	152	F8.0
MALE\$R	153	160	F8.0
FEM\$R	161	168	F8.0
DEM\$R	169	176	F8.0
REP\$R	177	184	F8.0
AIP\$R	185	192	F8.0
PAF\$R	193	200	F8.0
MISC\$R	201	208	F8.0
LIB\$R	209	216	F8.0
DCL\$R	217	224	F8.0
RENTER\$R	225	232	F8.0
RUNITS\$R	233	240	F8.0
DEMDEM\$R	241	248	F8.0
REPREP\$R	249	256	F8.0
OTHOTH\$R	257	264	F8.0
DEMREP\$R	265	272	F8.0
DEMOTH\$R	273	280	F8.0
REPOTH\$R	281	288	F8.0
MAGEUN\$R	289	296	F8.0
M1825\$R	297	304	F8.0
M2635\$R	305	312	F8.0
M3645\$R	313	320	F8.0

M4655\$R	321	328	F8.0
M5664\$R	329	336	F8.0
M65PL\$R	337	344	F8.0
FAGEUN\$R	345	352	F8.0
F1825\$R	353	360	F8.0
F2635\$R	361	368	F8.0
F3645\$R	369	376	F8.0
F4655\$R	377	384	F8.0
F5664\$R	385	392	F8.0
F65PL\$R	393	400	F8.0
DREGM2\$R	401	408	F8.0
DREGM4\$R	409	416	F8.0
DREGM6\$R	417	424	F8.0
DREGM8\$R	425	432	F8.0
DREGMA\$R	433	440	F8.0
RREGM2\$R	441	448	F8.0
RREGM4\$R	449	456	F8.0
RREGM6\$R	457	464	F8.0
RREGM8\$R	465	472	F8.0
RREGMA\$R	473	480	F8.0
KORDEM\$R	481	488	F8.0
KORREP\$R	489	496	F8.0
KORDCL\$R	497	504	F8.0
KOROTH\$R	505	512	F8.0
JAPDEM\$R	513	520	F8.0
JAPREP\$R	521	528	F8.0
JAPDCL\$R	529	536	F8.0
JAPOTH\$R	537	544	F8.0
ASNDEM\$R	545	552	F8.0
ASNREP\$R	553	560	F8.0
ASNDCL\$R	561	568	F8.0
ASNOTH\$R	569	576	F8.0
DM1835\$R	577	584	F8.0
DM3655\$R	585	592	F8.0
DM56PL\$R	593	600	F8.0
DMUNK\$R	601	608	F8.0
DF1835\$R	609	616	F8.0
DF3655\$R	617	624	F8.0
DF56PL\$R	625	632	F8.0
DFUNK\$R	633	640	F8.0
RM1835\$R	641	648	F8.0
RM3655\$R	649	656	F8.0
RM56PL\$R	657	664	F8.0
RMUNK\$R	665	672	F8.0
RF1835\$R	673	680	F8.0
RF3655\$R	681	688	F8.0
RF56PL\$R	689	696	F8.0
RFUNK\$R	697	704	F8.0
IM1835\$R	705	712	F8.0
IM3655\$R	713	720	F8.0
IM56PL\$R	721	728	F8.0
IMUNK\$R	729	736	F8.0
IF1835\$R	737	744	F8.0
IF3655\$R	745	752	F8.0
IF56PL\$R	753	760	F8.0
IFUNK\$R	761	768	F8.0
TOTREG	769	776	F8.0

DEMREG	777	784	F8.0
REPREG	785	792	F8.0
LIBREG	793	800	F8.0
PAFREG	801	808	F8.0
AIPREG	809	816	F8.0
DCLREG	817	824	F8.0
MSCREG	825	832	F8.0
TOTVOT	833	840	F8.0
DEMVOT	841	848	F8.0
REPVOT	849	856	F8.0
LIBVOT	857	864	F8.0
PAFVOT	865	872	F8.0
AIPVOT	873	880	F8.0
DCLVOT	881	888	F8.0
MSCVOT	889	896	F8.0
PRSDEM	897	904	F8.0
PRSREP	905	912	F8.0
PRSLIB	913	920	F8.0
PRSPAF	921	928	F8.0
PRSAIP	929	936	F8.0
PRSPER	937	944	F8.0
CNGDEM	945	952	F8.0
CNGREP	953	960	F8.0
CNGLIB	961	968	F8.0
CNGPAF	969	976	F8.0
CNGAIP	977	984	F8.0
SENDEM	985	992	F8.0
SENREP	993	1000	F8.0
SENLIB	1001	1008	F8.0
SENPAF	1009	1016	F8.0
SENAIP	1017	1024	F8.0
ASSDEM	1025	1032	F8.0
ASSREP	1033	1040	F8.0
ASSLIB	1041	1048	F8.0
ASSPAF	1049	1056	F8.0
ASSAIP	1057	1064	F8.0
USLDEM	1065	1072	F8.0
USLREP	1073	1080	F8.0
USLLIB	1081	1088	F8.0
USLPAF	1089	1096	F8.0
USLAIP	1097	1104	F8.0
USSDEM	1105	1112	F8.0
USSREP	1113	1120	F8.0
USSLIB	1121	1128	F8.0
USSPAF	1129	1136	F8.0
USSAIP	1137	1144	F8.0
SUPR01	1145	1152	F8.0
SUPR02	1153	1160	F8.0
PR155Y	1161	1168	F8.0
PR155N	1169	1176	F8.0
PR156Y	1177	1184	F8.0
PR156N	1185	1192	F8.0
PR157Y	1193	1200	F8.0
PR157N	1201	1208	F8.0
PR158Y	1209	1216	F8.0
PR158N	1217	1224	F8.0
PR159Y	1225	1232	F8.0

PR159N	1233	1240	F8.0
PR160Y	1241	1248	F8.0
PR160N	1249	1256	F8.0
PR161Y	1257	1264	F8.0
PR161N	1265	1272	F8.0
PR162Y	1273	1280	F8.0
PR162N	1281	1288	F8.0
PR163Y	1289	1296	F8.0
PR163N	1297	1304	F8.0
PR164Y	1305	1312	F8.0
PR164N	1313	1320	F8.0
PR165Y	1321	1328	F8.0
PR165N	1329	1336	F8.0
PR166Y	1337	1344	F8.0
PR166N	1345	1352	F8.0
PR167Y	1353	1360	F8.0
PR167N	1361	1368	F8.0
SUDIST	1369	1379	F11.0
CDDIST	1380	1390	F11.0
SDDIST	1391	1401	F11.0
ADDIST	1402	1412	F11.0
GOVDEM	1413	1420	F8.2
GOVREP	1421	1428	F8.2
LTGDEM	1429	1436	F8.2
LTGREP	1437	1444	F8.2
SOSDEM	1445	1452	F8.2
SOSREP	1453	1460	F8.2
CONDEM	1461	1468	F8.2
CONREP	1469	1476	F8.2
TREDEM	1477	1484	F8.2
TREREP	1485	1492	F8.2
ATGDEM	1493	1500	F8.2
ATGREP	1501	1508	F8.2
INSDEM	1509	1516	F8.2
INSREP	1517	1524	F8.2
BOEDEM	1525	1532	F8.2
BOEREP	1533	1540	F8.2
CNGDEM	1541	1548	F8.0
CNGREP	1549	1556	F8.0
SENDEM	1557	1564	F8.0
SENREP	1565	1572	F8.0
ASSDEM	1573	1580	F8.0
ASSREP	1581	1588	F8.0
SCT1YE	1589	1596	F8.2
SCT1NO	1597	1604	F8.2
SCT2YE	1605	1612	F8.2
SCT2NO	1613	1620	F8.2
SCT3YE	1621	1628	F8.2
SCT3NO	1629	1636	F8.2
SCT4YE	1637	1644	F8.2
SCT4NO	1645	1652	F8.2
SCT5YE	1653	1660	F8.2
SCT5NO	1661	1668	F8.2
PR126Y	1669	1676	F8.2
PR126N	1677	1684	F8.2
PR130Y	1685	1692	F8.2
PR130N	1693	1700	F8.2

PR131Y	1701	1708	F8.2
PR131N	1709	1716	F8.2
PR134Y	1717	1724	F8.2
PR134N	1725	1732	F8.2
PR136Y	1733	1740	F8.2
PR136N	1741	1748	F8.2
PR139Y	1749	1756	F8.2
PR139N	1757	1764	F8.2
PR140Y	1765	1772	F8.2
PR140N	1773	1780	F8.2
PR143Y	1781	1788	F8.2
PR143N	1789	1796	F8.2
PR146Y	1797	1804	F8.2
PR146N	1805	1812	F8.2
PR151Y	1813	1820	F8.2
PR151N	1821	1828	F8.2
Persons	1829	1836	F8.0
White	1837	1844	F8.0
Black	1845	1852	F8.0
Amer Indian	1853	1860	F8.0
Asian	1861	1868	F8.0
Other	1869	1876	F8.0
White 18+	1877	1884	F8.0
Black 18+	1885	1892	F8.0
AmerIndian 18+	1893	1900	F8.0
Asian 18+	1901	1908	F8.0
Other 18+	1909	1916	F8.0
Latino	1917	1924	F8.0
White ~Latino	1925	1932	F8.0
Black ~Latino	1933	1940	F8.0
Indian ~Latino	1941	1948	F8.0
Asian ~Latino	1949	1956	F8.0
Other ~Latino	1957	1964	F8.0
Latino 18+	1965	1972	F8.0
White ~Lat 18+	1973	1980	F8.0
Black ~Lat 18+	1981	1988	F8.0
India ~Lat 18+	1989	1996	F8.0
Asian ~Lat 18+	1997	2004	F8.0
Other ~Lat 18+	2005	2012	F8.0
Housing units	2013	2020	F8.0

STYR###%.TYR is the 1992G SOV data by SOV precinct from the SV file. Its format is as follows:

Variable	Start	End	Format
SV precinct	1	8	A8
COUNTY	9	16	F8.0
ABSENTEE	17	24	F8.0
TOTREG	25	32	F8.0
DEMREG	33	40	F8.0
REPREG	41	48	F8.0
LIBREG	49	56	F8.0
PAFREG	57	64	F8.0
AIPREG	65	72	F8.0
DCLREG	73	80	F8.0
MSCREG	81	88	F8.0

TOTVOT	89	96	F8.0
DEMVOT	97	104	F8.0
REPVOT	105	112	F8.0
LIBVOT	113	120	F8.0
PAFVOT	121	128	F8.0
AIPVOT	129	136	F8.0
DCLVOT	137	144	F8.0
MSCVOT	145	152	F8.0
PRSDEM	153	160	F8.0
PRSREP	161	168	F8.0
PRSLIB	169	176	F8.0
PRSPAF	177	184	F8.0
PRSAIP	185	192	F8.0
PRSPER	193	200	F8.0
CDDIST	201	208	F8.0
CNGDEM	209	216	F8.0
CNGREP	217	224	F8.0
CNGLIB	225	232	F8.0
CNGPAF	233	240	F8.0
CNGAIP	241	248	F8.0
SDDIST	249	256	F8.0
SENDEM	257	264	F8.0
SENREP	265	272	F8.0
SENLIB	273	280	F8.0
SENPAF	281	288	F8.0
SENAIP	289	296	F8.0
ADDIST	297	304	F8.0
ASSDEM	305	312	F8.0
ASSREP	313	320	F8.0
ASSLIB	321	328	F8.0
ASSPAF	329	336	F8.0
ASSAIP	337	344	F8.0
USLDEM	345	352	F8.0
USLREP	353	360	F8.0
USLLIB	361	368	F8.0
USLPAF	369	376	F8.0
USLAIP	377	384	F8.0
USSDEM	385	392	F8.0
USSREP	393	400	F8.0
USSLIB	401	408	F8.0
USSPAF	409	416	F8.0
USSAIP	417	424	F8.0
SUDIST	425	432	F8.0
SUPR01	433	440	F8.0
SUPR02	441	448	F8.0
PR155Y	449	456	F8.0
PR155N	457	464	F8.0
PR156Y	465	472	F8.0
PR156N	473	480	F8.0
PR157Y	481	488	F8.0
PR157N	489	496	F8.0
PR158Y	497	504	F8.0
PR158N	505	512	F8.0
PR159Y	513	520	F8.0
PR159N	521	528	F8.0
PR160Y	529	536	F8.0
PR160N	537	544	F8.0

PR161Y	545	552	F8.0
PR161N	553	560	F8.0
PR162Y	561	568	F8.0
PR162N	569	576	F8.0
PR163Y	577	584	F8.0
PR163N	585	592	F8.0
PR164Y	593	600	F8.0
PR164N	601	608	F8.0
PR165Y	609	616	F8.0
PR165N	617	624	F8.0
PR166Y	625	632	F8.0
PR166N	633	640	F8.0
PR167Y	641	648	F8.0
PR167N	649	656	F8.0

RTYR###%.TYR is the 1992G Reg data by Reg precinct from the RG file. Its format is as follows:

Variable	Start	End	Format
RG precinct	1	8	A8
COUNTY	9	16	F8.0
TOTREG\$R	17	24	F8.0
REGDT\$R	25	32	F8.0
BIRDT\$R	33	40	F8.0
REGDN\$R	41	48	F8.0
BIRDN\$R	49	56	F8.0
LATDEM\$R	57	64	F8.0
LATREP\$R	65	72	F8.0
LATDCL\$R	73	80	F8.0
LATOTH\$R	81	88	F8.0
JEWDEM\$R	89	96	F8.0
JEWREP\$R	97	104	F8.0
JEWDCL\$R	105	112	F8.0
JEWOTH\$R	113	120	F8.0
MR\$R	121	128	F8.0
MRS\$R	129	136	F8.0
MISS\$R	137	144	F8.0
MS\$R	145	152	F8.0
MALE\$R	153	160	F8.0
FEM\$R	161	168	F8.0
DEM\$R	169	176	F8.0
REP\$R	177	184	F8.0
AIP\$R	185	192	F8.0
PAF\$R	193	200	F8.0
MISC\$R	201	208	F8.0
LIB\$R	209	216	F8.0
DCL\$R	217	224	F8.0
RENTER\$R	225	232	F8.0
RUNITS\$R	233	240	F8.0
DEMDEM\$R	241	248	F8.0
REPREP\$R	249	256	F8.0
OTHOTH\$R	257	264	F8.0
DEMREP\$R	265	272	F8.0
DEMOTH\$R	273	280	F8.0
REPOTH\$R	281	288	F8.0
MAGEUN\$R	289	296	F8.0

M1825\$R	297	304	F8.0
M2635\$R	305	312	F8.0
M3645\$R	313	320	F8.0
M4655\$R	321	328	F8.0
M5664\$R	329	336	F8.0
M65PL\$R	337	344	F8.0
FAGEUN\$R	345	352	F8.0
F1825\$R	353	360	F8.0
F2635\$R	361	368	F8.0
F3645\$R	369	376	F8.0
F4655\$R	377	384	F8.0
F5664\$R	385	392	F8.0
F65PL\$R	393	400	F8.0
DREGM2\$R	401	408	F8.0
DREGM4\$R	409	416	F8.0
DREGM6\$R	417	424	F8.0
DREGM8\$R	425	432	F8.0
DREGMA\$R	433	440	F8.0
RREGM2\$R	441	448	F8.0
RREGM4\$R	449	456	F8.0
RREGM6\$R	457	464	F8.0
RREGM8\$R	465	472	F8.0
RREGMA\$R	473	480	F8.0
KORDEM\$R	481	488	F8.0
KORREP\$R	489	496	F8.0
KORDCL\$R	497	504	F8.0
KOROTH\$R	505	512	F8.0
JAPDEM\$R	513	520	F8.0
JAPREP\$R	521	528	F8.0
JAPDCL\$R	529	536	F8.0
JAPOTH\$R	537	544	F8.0
ASNDEM\$R	545	552	F8.0
ASNREP\$R	553	560	F8.0
ASNDCL\$R	561	568	F8.0
ASNOTH\$R	569	576	F8.0
DM1835\$R	577	584	F8.0
DM3655\$R	585	592	F8.0
DM56PL\$R	593	600	F8.0
DMUNK\$R	601	608	F8.0
DF1835\$R	609	616	F8.0
DF3655\$R	617	624	F8.0
DF56PL\$R	625	632	F8.0
DFUNK\$R	633	640	F8.0
RM1835\$R	641	648	F8.0
RM3655\$R	649	656	F8.0
RM56PL\$R	657	664	F8.0
RMUNK\$R	665	672	F8.0
RF1835\$R	673	680	F8.0
RF3655\$R	681	688	F8.0
RF56PL\$R	689	696	F8.0
RFUNK\$R	697	704	F8.0
IM1835\$R	705	712	F8.0
IM3655\$R	713	720	F8.0
IM56PL\$R	721	728	F8.0
IMUNK\$R	729	736	F8.0
IF1835\$R	737	744	F8.0
IF3655\$R	745	752	F8.0

IF56PL\$R	753	760	F8.0
IFUNK\$R	761	768	F8.0

SG90###%.TYR is the 1990G SOV data by Reg precinct from the RR or RG file. Its format is as follows:

Variable	Start	End	Format
RG or RR precinct	1	8	A8
GOVDEM	9	16	F8.0
GOVREP	17	24	F8.0
LTGDEM	25	32	F8.0
LTGREP	33	40	F8.0
SOSDEM	41	48	F8.0
SOSREP	49	56	F8.0
CONDEM	57	64	F8.0
CONREP	65	72	F8.0
TREDEM	73	80	F8.0
TREREP	81	88	F8.0
ATGDEM	89	96	F8.0
ATGREP	97	104	F8.0
INSDEM	105	112	F8.0
INSREP	113	120	F8.0
BOEDEM	121	128	F8.0
BOEREP	129	136	F8.0
CNGDEM	137	144	F8.0
CNGREP	145	152	F8.0
SENDEM	153	160	F8.0
SENREP	161	168	F8.0
ASSDEM	169	176	F8.0
ASSREP	177	184	F8.0
SCT1YE	185	192	F8.0
SCT1NO	193	200	F8.0
SCT2YE	201	208	F8.0
SCT2NO	209	216	F8.0
SCT3YE	217	224	F8.0
SCT3NO	225	232	F8.0
SCT4YE	233	240	F8.0
SCT4NO	241	248	F8.0
SCT5YE	249	256	F8.0
SCT5NO	257	264	F8.0
PR126Y	265	272	F8.0
PR126N	273	280	F8.0
PR130Y	281	288	F8.0
PR130N	289	296	F8.0
PR131Y	297	304	F8.0
PR131N	305	312	F8.0
PR134Y	313	320	F8.0
PR134N	321	328	F8.0
PR136Y	329	336	F8.0
PR136N	337	344	F8.0
PR139Y	345	352	F8.0
PR139N	353	360	F8.0
PR140Y	361	368	F8.0
PR140N	369	376	F8.0
PR143Y	377	384	F8.0
PR143N	385	392	F8.0

PR146Y	393	400	F8.0
PR146N	401	408	F8.0
PR151Y	409	416	F8.0
PR151N	417	424	F8.0

PL94###%.TYR the PL94-171 Census data by Reg precinct from the RR or RG file. Its format is as follows:

Variable	Start	End	Format
RR or RG precinct	1	8	A8
Persons	9	16	F8.0
White	17	24	F8.0
Black	25	32	F8.0
Amer Indian	33	40	F8.0
Asian	41	48	F8.0
Other	49	56	F8.0
White 18+	57	64	F8.0
Black 18+	65	72	F8.0
AmerIndian 18+	73	80	F8.0
Asian 18+	81	88	F8.0
Other 18+	89	96	F8.0
Latino	97	104	F8.0
White ~Latino	105	112	F8.0
Black ~Latino	113	120	F8.0
Indian ~Latino	121	128	F8.0
Asian ~Latino	129	136	F8.0
Other ~Latino	137	144	F8.0
Latino 18+	145	152	F8.0
White ~Lat 18+	153	160	F8.0
Black ~Lat 18+	161	168	F8.0
India ~Lat 18+	169	176	F8.0
Asian ~Lat 18+	177	184	F8.0
Other ~Lat 18+	185	192	F8.0
Housing units	193	200	F8.0

Other points

For the 1992 General election in California, there are

41,888 Registration precincts
30,752 SOV precincts

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\section{Merging Process}

\subsection{Accuracy of Merging Process}

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For all blocks greater than or equal to 10 people and excluding Amador, Plumas, Santa Cruz and Siskiyou Counties, below is

the distribution of percent registered voters (values greater than 150 are set to 150).

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	3912	1.6	1.6	1.6
	1	170	.1	.1	1.7
	2	274	.1	.1	1.8
	3	292	.1	.1	1.9
	4	335	.1	.1	2.0
	5	479	.2	.2	2.2
	6	543	.2	.2	2.5
	7	548	.2	.2	2.7
	8	659	.3	.3	2.9
	9	778	.3	.3	3.3
	10	814	.3	.3	3.6
	11	884	.4	.4	4.0
	12	942	.4	.4	4.3
	13	1083	.4	.4	4.8
	14	1106	.5	.5	5.2
	15	1334	.5	.5	5.8
	16	1443	.6	.6	6.4
	17	1303	.5	.5	6.9
	18	1565	.6	.6	7.5
	19	1340	.5	.5	8.1
	20	1861	.8	.8	8.9
	21	1624	.7	.7	9.5
	22	1629	.7	.7	10.2
	23	1949	.8	.8	11.0
	24	1547	.6	.6	11.6
	25	2516	1.0	1.0	12.6
	26	2156	.9	.9	13.5
	27	2374	1.0	1.0	14.5
	28	2422	1.0	1.0	15.5
	29	2136	.9	.9	16.4
	30	2724	1.1	1.1	17.5
	31	2588	1.1	1.1	18.5
	32	2365	1.0	1.0	19.5
	33	3120	1.3	1.3	20.8
	34	2592	1.1	1.1	21.8
	35	3174	1.3	1.3	23.1
	36	3248	1.3	1.3	24.4
	37	2879	1.2	1.2	25.6
	38	3252	1.3	1.3	27.0
	39	2496	1.0	1.0	28.0
	40	3818	1.6	1.6	29.5
	41	3553	1.5	1.5	31.0
	42	3520	1.4	1.4	32.4
	43	3262	1.3	1.3	33.8
	44	3254	1.3	1.3	35.1
	45	4006	1.6	1.6	36.7
	46	4007	1.6	1.6	38.4
	47	3901	1.6	1.6	40.0
	48	3805	1.6	1.6	41.5
	49	2179	.9	.9	42.4
	50	5885	2.4	2.4	44.8

51	3587	1.5	1.5	46.3
52	4142	1.7	1.7	48.0
53	4019	1.6	1.6	49.6
54	4047	1.7	1.7	51.3
55	3989	1.6	1.6	52.9
56	4014	1.6	1.6	54.5
57	4278	1.7	1.7	56.3
58	4335	1.8	1.8	58.0
59	3253	1.3	1.3	59.4
60	4596	1.9	1.9	61.3
61	3996	1.6	1.6	62.9
62	3741	1.5	1.5	64.4
63	3770	1.5	1.5	66.0
64	3929	1.6	1.6	67.6
65	3676	1.5	1.5	69.1
66	4276	1.7	1.7	70.8
67	3152	1.3	1.3	72.1
68	3665	1.5	1.5	73.6
69	3133	1.3	1.3	74.9
70	3582	1.5	1.5	76.3
71	3149	1.3	1.3	77.6
72	3315	1.4	1.4	79.0
73	2854	1.2	1.2	80.2
74	2069	.8	.8	81.0
75	3168	1.3	1.3	82.3
76	2690	1.1	1.1	83.4
77	2231	.9	.9	84.3
78	2269	.9	.9	85.2
79	1606	.7	.7	85.9
80	2301	.9	.9	86.8
81	1875	.8	.8	87.6
82	1697	.7	.7	88.3
83	1598	.7	.7	88.9
84	1543	.6	.6	89.6
85	1513	.6	.6	90.2
86	1376	.6	.6	90.7
87	1074	.4	.4	91.2
88	1210	.5	.5	91.7
89	920	.4	.4	92.1
90	1172	.5	.5	92.5
91	924	.4	.4	92.9
92	988	.4	.4	93.3
93	829	.3	.3	93.7
94	773	.3	.3	94.0
95	695	.3	.3	94.3
96	678	.3	.3	94.5
97	496	.2	.2	94.7
98	315	.1	.1	94.9
99	86	.0	.0	94.9
100	1486	.6	.6	95.5
101	207	.1	.1	95.6
102	328	.1	.1	95.7
103	334	.1	.1	95.9
104	355	.1	.1	96.0
105	334	.1	.1	96.1
106	321	.1	.1	96.3
107	308	.1	.1	96.4

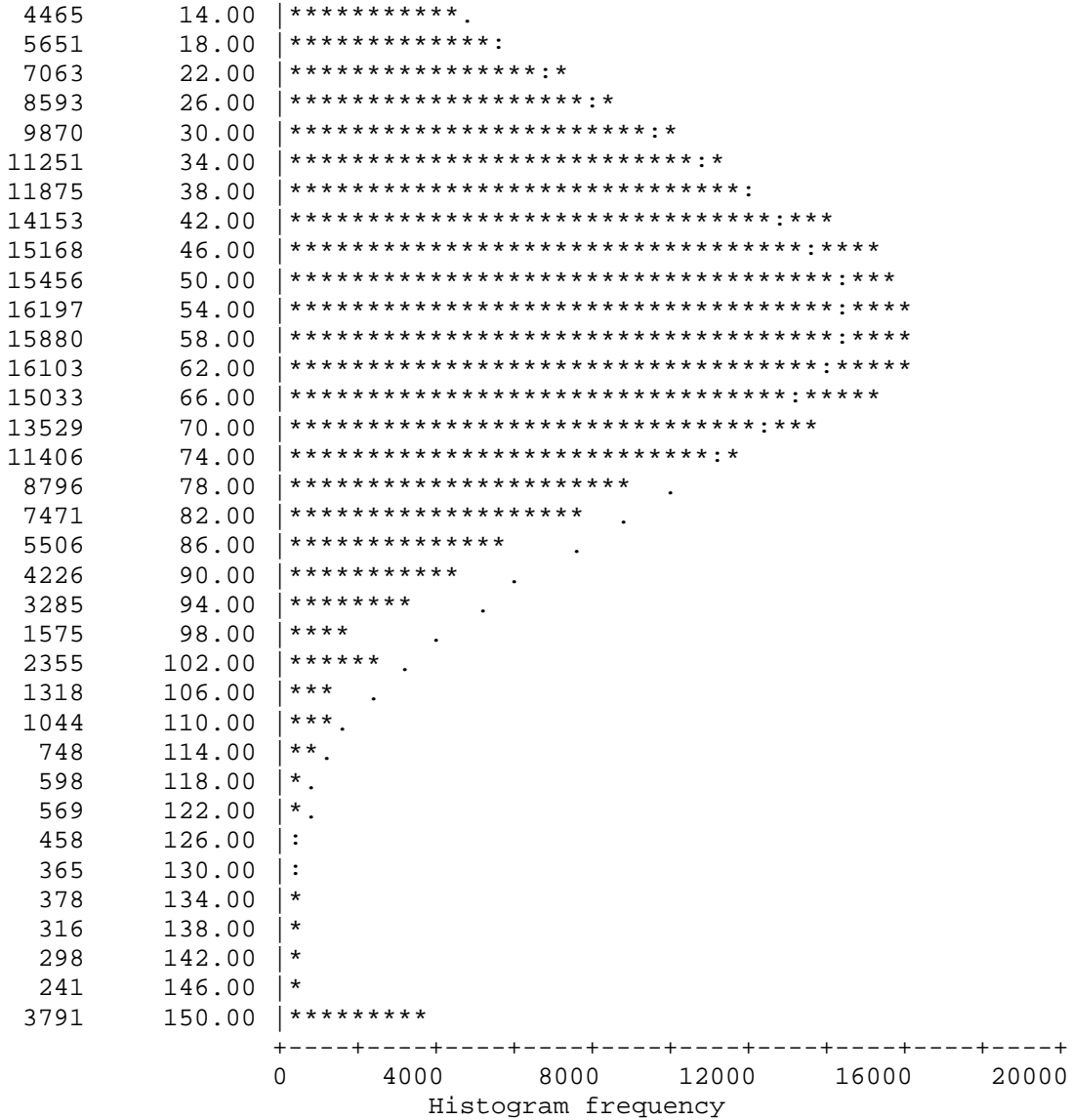
108	270	.1	.1	96.5
109	270	.1	.1	96.6
110	284	.1	.1	96.7
111	220	.1	.1	96.8
112	184	.1	.1	96.9
113	200	.1	.1	97.0
114	170	.1	.1	97.1
115	194	.1	.1	97.1
116	194	.1	.1	97.2
117	148	.1	.1	97.3
118	165	.1	.1	97.3
119	91	.0	.0	97.4
120	192	.1	.1	97.5
121	138	.1	.1	97.5
122	126	.1	.1	97.6
123	113	.0	.0	97.6
124	72	.0	.0	97.6
125	156	.1	.1	97.7
126	110	.0	.0	97.7
127	120	.0	.0	97.8
128	98	.0	.0	97.8
129	75	.0	.0	97.9
130	114	.0	.0	97.9
131	78	.0	.0	97.9
132	57	.0	.0	98.0
133	142	.1	.1	98.0
134	68	.0	.0	98.1
135	111	.0	.0	98.1
136	94	.0	.0	98.1
137	100	.0	.0	98.2
138	75	.0	.0	98.2
139	47	.0	.0	98.2
140	97	.0	.0	98.3
141	73	.0	.0	98.3
142	78	.0	.0	98.3
143	50	.0	.0	98.4
144	78	.0	.0	98.4
145	58	.0	.0	98.4
146	60	.0	.0	98.4
147	45	.0	.0	98.5
148	38	.0	.0	98.5
149	18	.0	.0	98.5
150	3735	1.5	1.5	100.0
Total	244719	100.0	100.0	

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Count	Midpoint	One symbol equals approx.	400.00 occurrences
4648	2.00	*****	
1905	6.00	***** .	
3135	10.00	*****.	



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Breakdown of non-zero population blocks with no registered voters by county.

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	128	3.3	3.3	3.3
	4	87	2.2	2.2	5.5
	6	14	.4	.4	5.9
	7	85	2.2	2.2	8.0
	9	60	1.5	1.5	9.6
	10	61	1.6	1.6	11.1
	11	1	.0	.0	11.1
	12	62	1.6	1.6	12.7

14	5	.1	.1	12.9
15	240	6.1	6.1	19.0
16	15	.4	.4	19.4
17	1	.0	.0	19.4
18	14	.4	.4	19.8
19	646	16.5	16.5	36.3
20	5	.1	.1	36.4
21	39	1.0	1.0	37.4
23	2	.1	.1	37.4
24	6	.2	.2	37.6
25	3	.1	.1	37.7
26	7	.2	.2	37.9
27	573	14.6	14.6	52.5
28	4	.1	.1	52.6
29	5	.1	.1	52.7
30	290	7.4	7.4	60.1
31	23	.6	.6	60.7
33	127	3.2	3.2	64.0
34	94	2.4	2.4	66.4
35	9	.2	.2	66.6
36	251	6.4	6.4	73.0
37	369	9.4	9.4	82.5
38	56	1.4	1.4	83.9
39	24	.6	.6	84.5
40	36	.9	.9	85.4
41	65	1.7	1.7	87.1
42	40	1.0	1.0	88.1
43	221	5.6	5.6	93.8
45	2	.1	.1	93.8
46	4	.1	.1	93.9
48	25	.6	.6	94.6
49	23	.6	.6	95.1
50	19	.5	.5	95.6
51	7	.2	.2	95.8
53	8	.2	.2	96.0
54	75	1.9	1.9	97.9
55	8	.2	.2	98.1
56	57	1.5	1.5	99.6
57	11	.3	.3	99.9
58	5	.1	.1	100.0
Total	3912	100.0	100.0	

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For all blocks greater than or equal to 10 people and excluding Amador, Plumas, Santa Cruz and Siskiyou Counties, below is the distribution of percent voters (with respect to registration--values greater than 150 are set to 150).

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
-------------	-------	-----------	---------	---------------	-------------

0	2301	.9	.9	.9
1	1	.0	.0	.9
2	3	.0	.0	.9
3	5	.0	.0	.9
4	2	.0	.0	.9
5	2	.0	.0	.9
6	2	.0	.0	.9
7	4	.0	.0	.9
8	5	.0	.0	1.0
9	4	.0	.0	1.0
10	6	.0	.0	1.0
11	5	.0	.0	1.0
12	5	.0	.0	1.0
13	6	.0	.0	1.0
14	2	.0	.0	1.0
15	12	.0	.0	1.0
16	11	.0	.0	1.0
17	11	.0	.0	1.0
18	12	.0	.0	1.0
19	14	.0	.0	1.0
20	33	.0	.0	1.0
21	30	.0	.0	1.0
22	62	.0	.0	1.0
23	60	.0	.0	1.1
24	44	.0	.0	1.1
25	130	.1	.1	1.1
26	98	.0	.0	1.2
27	95	.0	.0	1.2
28	119	.0	.0	1.3
29	125	.1	.1	1.3
30	230	.1	.1	1.4
31	167	.1	.1	1.5
32	170	.1	.1	1.5
33	509	.2	.2	1.8
34	237	.1	.1	1.8
35	367	.1	.1	2.0
36	435	.2	.2	2.2
37	655	.3	.3	2.4
38	639	.3	.3	2.7
39	447	.2	.2	2.9
40	1325	.5	.5	3.4
41	1018	.4	.4	3.8
42	1385	.6	.6	4.4
43	1076	.4	.4	4.9
44	1530	.6	.6	5.5
45	1764	.7	.7	6.2
46	1908	.8	.8	7.0
47	2114	.9	.9	7.8
48	2213	.9	.9	8.7
49	847	.3	.3	9.1
50	7579	3.1	3.1	12.2
51	2533	1.0	1.0	13.2
52	3868	1.6	1.6	14.8
53	3998	1.6	1.6	16.4
54	4202	1.7	1.7	18.2
55	5379	2.2	2.2	20.4
56	4900	2.0	2.0	22.4

57	7036	2.9	2.9	25.2
58	6770	2.8	2.8	28.0
59	4781	2.0	2.0	29.9
60	11136	4.6	4.6	34.5
61	8349	3.4	3.4	37.9
62	9856	4.0	4.0	41.9
63	9233	3.8	3.8	45.7
64	9780	4.0	4.0	49.7
65	9767	4.0	4.0	53.7
66	16892	6.9	6.9	60.6
67	7696	3.1	3.1	63.7
68	10511	4.3	4.3	68.0
69	8042	3.3	3.3	71.3
70	10961	4.5	4.5	75.8
71	9360	3.8	3.8	79.6
72	8265	3.4	3.4	83.0
73	6157	2.5	2.5	85.5
74	3042	1.2	1.2	86.8
75	8531	3.5	3.5	90.3
76	4054	1.7	1.7	91.9
77	3190	1.3	1.3	93.2
78	2386	1.0	1.0	94.2
79	1046	.4	.4	94.6
80	3756	1.5	1.5	96.2
81	1361	.6	.6	96.7
82	775	.3	.3	97.0
83	1280	.5	.5	97.5
84	488	.2	.2	97.7
85	966	.4	.4	98.1
86	239	.1	.1	98.2
87	346	.1	.1	98.4
88	305	.1	.1	98.5
89	43	.0	.0	98.5
90	219	.1	.1	98.6
91	60	.0	.0	98.6
92	64	.0	.0	98.7
93	48	.0	.0	98.7
94	33	.0	.0	98.7
95	12	.0	.0	98.7
96	8	.0	.0	98.7
97	8	.0	.0	98.7
98	3	.0	.0	98.7
99	4	.0	.0	98.7
100	2253	.9	.9	99.6
101	7	.0	.0	99.6
102	8	.0	.0	99.6
103	5	.0	.0	99.6
104	4	.0	.0	99.6
105	11	.0	.0	99.6
106	3	.0	.0	99.6
107	5	.0	.0	99.6
108	7	.0	.0	99.7
109	6	.0	.0	99.7
110	2	.0	.0	99.7
111	9	.0	.0	99.7
112	9	.0	.0	99.7
113	3	.0	.0	99.7

114	13	.0	.0	99.7
115	8	.0	.0	99.7
116	12	.0	.0	99.7
117	7	.0	.0	99.7
118	4	.0	.0	99.7
119	2	.0	.0	99.7
120	17	.0	.0	99.7
121	5	.0	.0	99.7
122	2	.0	.0	99.7
123	6	.0	.0	99.7
124	2	.0	.0	99.7
125	20	.0	.0	99.7
126	6	.0	.0	99.7
127	2	.0	.0	99.7
128	9	.0	.0	99.7
129	1	.0	.0	99.7
130	5	.0	.0	99.7
131	3	.0	.0	99.7
133	30	.0	.0	99.7
134	3	.0	.0	99.7
135	2	.0	.0	99.7
136	2	.0	.0	99.7
137	5	.0	.0	99.7
138	7	.0	.0	99.7
139	1	.0	.0	99.7
140	12	.0	.0	99.7
141	2	.0	.0	99.7
142	11	.0	.0	99.7
143	1	.0	.0	99.7
144	3	.0	.0	99.7
145	8	.0	.0	99.7
146	3	.0	.0	99.8
147	2	.0	.0	99.8
148	3	.0	.0	99.8
149	1	.0	.0	99.8
150	604	.2	.2	100.0

Total	244719	100.0	100.0
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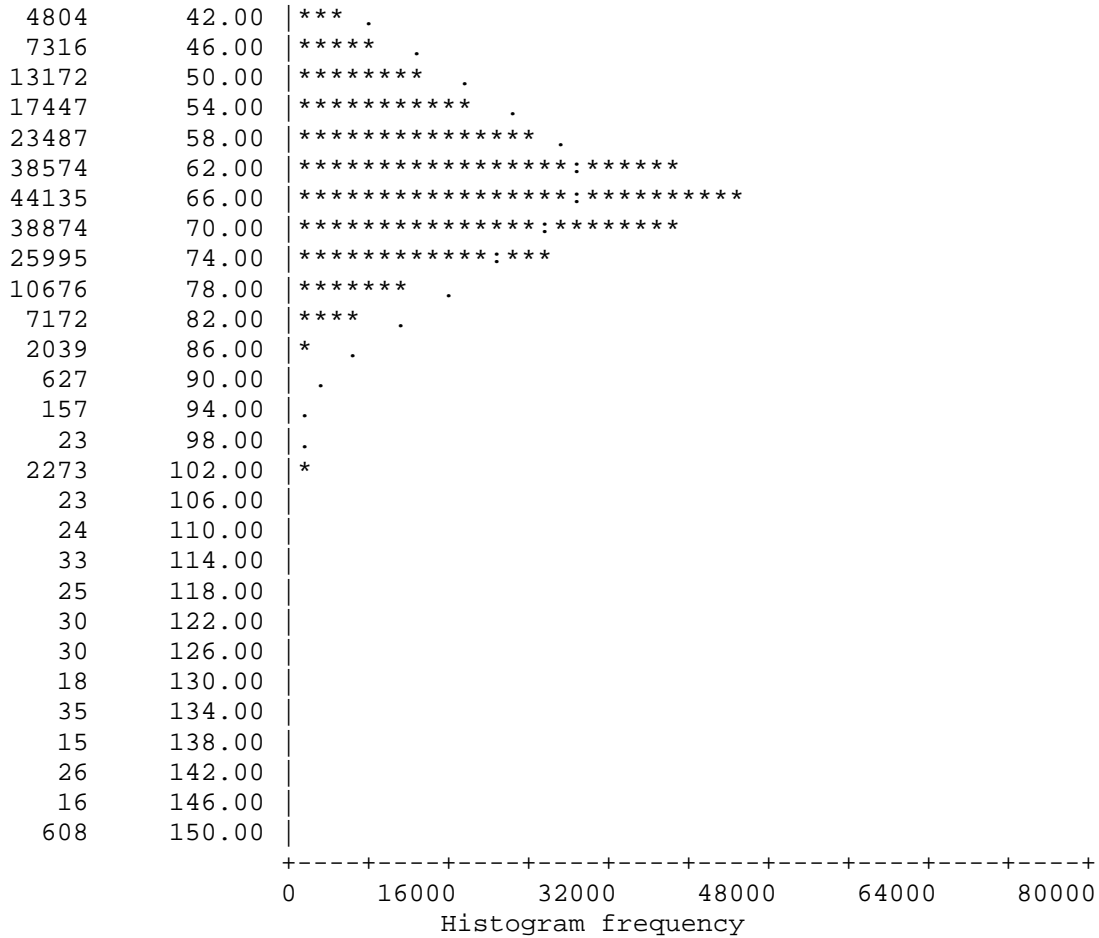
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Count Midpoint One symbol equals approx. 1600.00 occurrences

2310	2.00	*
10	6.00	
20	10.00	
25	14.00	
48	18.00	
185	22.00	
367	26.00	
641	30.00	.
1283	34.00	* .
2176	38.00	* .



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Breakdown of non-zero pop blocks (10 or greater people) with no actual voters by County

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	59	2.6	2.6	2.6
	4	75	3.3	3.3	5.8
	6	17	.7	.7	6.6
	7	41	1.8	1.8	8.3
	9	45	2.0	2.0	10.3
	10	32	1.4	1.4	11.7
	11	5	.2	.2	11.9
	12	47	2.0	2.0	14.0
	15	166	7.2	7.2	21.2
	16	11	.5	.5	21.6
	18	12	.5	.5	22.2
	19	437	19.0	19.0	41.2
	21	13	.6	.6	41.7
	24	8	.3	.3	42.1

26	7	.3	.3	42.4
27	320	13.9	13.9	56.3
29	4	.2	.2	56.5
30	147	6.4	6.4	62.8
31	3	.1	.1	63.0
33	38	1.7	1.7	64.6
34	25	1.1	1.1	65.7
35	2	.1	.1	65.8
36	187	8.1	8.1	73.9
37	185	8.0	8.0	82.0
38	39	1.7	1.7	83.7
39	5	.2	.2	83.9
40	3	.1	.1	84.0
41	29	1.3	1.3	85.3
42	20	.9	.9	86.1
43	103	4.5	4.5	90.6
45	2	.1	.1	90.7
46	5	.2	.2	90.9
48	13	.6	.6	91.5
49	8	.3	.3	91.8
50	16	.7	.7	92.5
53	8	.3	.3	92.9
54	67	2.9	2.9	95.8
55	11	.5	.5	96.3
56	83	3.6	3.6	99.9
57	3	.1	.1	100.0
Total	2301	100.0	100.0	

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Status of SOR merge for Election G92 (Total Registration)

LEVEL	CNTY	AD	DIFF1	From SOS File	From IGS File
3	1	14	0	165572	165572
		15	0	63844	63844
		16	0	201732	201732
		18	0	205174	205174
		20	0	121868	121868
	Sum		0	758190	758190
	2	4	0	702	702
	Sum		0	702	702
	3	4	17905	17905	0
	Sum		17905	17905	0
	4	2	0	4146	4146

	3	0	108271	108271
Sum		0	112417	112417
5	4	0	20753	20753
Sum		0	20753	20753
6	2	0	6914	6914
Sum		0	6914	6914
7	11	0	220356	220356
	14	10	90519	90509
	15	0	196697	196697
Sum		10	507572	507562
8	1	0	12194	12194
Sum		0	12194	12194
9	4	49	81177	81128
Sum		49	81177	81128
10	25	0	26077	26077
	29	0	154220	154220
	30	0	31061	31061
	31	0	100593	100593
Sum		0	311951	311951
11	2	0	11110	11110
Sum		0	11110	11110
3	12	100	76796	76696
Sum		100	76796	76696
13	80	0	39760	39760
Sum		0	39760	39760
14	34	0	10506	10506
Sum		0	10506	10506
15	30	653	60501	59848
	32	-653	143283	143936
	34	0	48371	48371
Sum		0	252155	252155
16	30	0	36687	36687

		Sum		0	36687	36687
		17	1	0	29467	29467
		Sum		0	29467	29467
		18	3	13	12495	12482
		Sum		13	12495	12482
		19	36	766	190072	189306
			38	0	122570	122570
			39	0	101637	101637
			40	0	159214	159214
			41	0	240886	240886
			42	0	235208	235208
			43	0	158308	158308
			44	0	206621	206621
			45	0	91408	91408
			46	0	58878	58878
			47	0	193912	193912
			48	0	120608	120608
			49	0	119653	119653
			50	0	65241	65241
			51	0	151408	151408
			52	0	127700	127700
			53	0	235484	235484
			54	0	207632	207632
			55	0	131586	131586
			56	0	178603	178603
			57	0	112919	112919
			58	0	147695	147695
			59	0	194161	194161
3		19	60	0	170986	170986
			61	0	20186	20186
		Sum		766	3742576	3741810
		20	25	0	41543	41543
			30	0	2261	2261
		Sum		0	43804	43804
		21	6	0	153255	153255
		Sum		0	153255	153255
		22	25	925	10137	9212
		Sum		925	10137	9212
		23	1	0	44513	44513
		Sum		0	44513	44513
		24	26	0	69641	69641

			Sum	0	69641	69641	
			25	3	0	5870	5870
			Sum		0	5870	5870
			26	4	0	5635	5635
			Sum		0	5635	5635
			27	27	25	96044	96019
				28	1	63965	63964
			Sum		26	160009	159983
			28	7	0	65211	65211
			Sum		0	65211	65211
			29	3	0	54676	54676
			Sum		0	54676	54676
			30	67	16	226184	226168
				68	0	161670	161670
				69	0	90632	90632
				70	0	229054	229054
				71	0	216704	216704
				72	0	197778	197778
				73	0	117326	117326
			Sum		16	1239348	1239332
3			31	4	0	113044	113044
			Sum		0	113044	113044
			32	3	12458	12458	0
			Sum		12458	12458	0
			33	64	0	179318	179318
				65	2	124145	124143
				66	0	161991	161991
				80	0	131415	131415
			Sum		2	596869	596867
			34	5	0	232418	232418
				8	0	3708	3708
				9	0	207364	207364
				10	0	185637	185637
			Sum		0	629127	629127
			35	28	0	17301	17301
			Sum		0	17301	17301

	36	34	0	125066	125066
		61	0	120114	120114
		62	0	159542	159542
		63	0	207184	207184
		65	0	71007	71007
	Sum		0	682913	682913
	37	66	0	43226	43226
		73	0	85677	85677
		74	27	216063	216036
		75	1893	228466	226573
		76	0	227809	227809
		77	495	200603	200108
		78	0	244540	244540
		79	0	135866	135866
	Sum		2415	1382250	1379835
	38	12	0	212607	212607
		13	0	265106	265106
	Sum		0	477713	477713
	39	10	0	49690	49690
		17	0	176582	176582
3	39	26	0	4530	4530
	Sum		0	230802	230802
	40	33	0	128207	128207
	Sum		0	128207	128207
	41	12	0	9242	9242
		19	0	191359	191359
		21	0	147063	147063
	Sum		0	347664	347664
	42	33	0	71610	71610
		35	0	139402	139402
	Sum		0	211012	211012
	43	20	0	72036	72036
		21	0	82050	82050
		22	0	214630	214630
		23	0	147179	147179
		24	0	240465	240465
		28	0	63459	63459
	Sum		0	819819	819819
	44	27	2002	131062	129060
		28	0	17214	17214

			Sum	2002	148276	146274	
			45	2	0	84434	84434
			Sum		0	84434	84434
			46	3	0	2328	2328
			Sum		0	2328	2328
			47	2	17316	25626	8310
			Sum		17316	25626	8310
			48	7	0	58220	58220
				8	0	114870	114870
			Sum		0	173090	173090
			49	1	0	64794	64794
				6	0	87317	87317
				7	0	93407	93407
			Sum		0	245518	245518
3			50	25	0	102219	102219
				26	0	77234	77234
			Sum		0	179453	179453
			51	2	218	34363	34145
			Sum		218	34363	34145
			52	2	2	27072	27070
			Sum		2	27072	27070
			53	2	0	8242	8242
			Sum		0	8242	8242
			54	29	0	49822	49822
				31	0	29936	29936
				32	0	45208	45208
			Sum		0	124966	124966
			55	25	0	29927	29927
			Sum		0	29927	29927
			56	35	0	92950	92950
				37	0	185395	185395
				38	0	80836	80836
			Sum		0	359181	359181

	57	2	0	1560	1560
		8	0	82528	82528
	Sum		0	84088	84088
	58	3	0	23756	23756
	Sum		0	23756	23756
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Status of SOV merge for Election G92 (Total Registration)

LEVEL	CNTY	AD	DIFF1	From SOS File	From IGS File
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		16	0	201735	201735
		18	0	204065	204065
		20	0	121396	121396
		Sum		0	756487
	2	4	0	733	733
		Sum		0	733
	3	4	.	.	0
		Sum		.	.
	4	2	0	4147	4147
		3	0	108277	108277
		Sum		0	112424
	5	4	0	20823	20823
		Sum		0	20823
	6	2	212	7174	6962
		Sum		212	7174
	7	11	0	220291	220291
		14	0	90501	90501
		15	0	196643	196643
		Sum		0	507435

	8	1	0	12272	12272
	Sum		0	12272	12272
	9	4	0	81196	81196
	Sum		0	81196	81196
	10	25	0	26073	26073
		29	0	154220	154220
		30	0	31059	31059
		31	0	100575	100575
	Sum		0	311927	311927
	11	2	0	11147	11147
	Sum		0	11147	11147
3	12	1	0	76796	76796
	Sum		0	76796	76796
	13	80	0	39797	39797
	Sum		0	39797	39797
	14	34	0	10500	10500
	Sum		0	10500	10500
	15	30	653	60581	59928
		32	0	143335	143335
		34	0	48405	48405
	Sum		653	252321	251668
	16	30	0	36691	36691
	Sum		0	36691	36691
	17	1	0	29469	29469
	Sum		0	29469	29469
	18	3	0	12503	12503
	Sum		0	12503	12503
	19	36	726	189019	188293
		38	0	122602	122602
		39	0	101611	101611
		40	0	159286	159286
		41	0	240877	240877
		42	0	235402	235402
		43	0	158387	158387

		44	0	206284	206284
		45	0	91448	91448
		46	0	58881	58881
		47	0	193994	193994
		48	0	120631	120631
		49	0	119618	119618
		50	0	65187	65187
		51	0	151365	151365
		52	0	127620	127620
		53	0	235601	235601
		54	0	207428	207428
		55	0	131430	131430
		56	0	178522	178522
		57	0	112511	112511
		58	0	147504	147504
		59	0	193748	193748
3	19	60	0	170905	170905
		61	0	20190	20190
	Sum		726	3740051	3739325
	20	25	0	41613	41613
		30	0	2256	2256
	Sum		0	43869	43869
	21	6	0	153337	153337
	Sum		0	153337	153337
	22	25	925	10139	9214
	Sum		925	10139	9214
	23	1	0	47035	47035
	Sum		0	47035	47035
	24	26	0	69659	69659
	Sum		0	69659	69659
	25	3	0	5936	5936
	Sum		0	5936	5936
	26	4	0	5687	5687
	Sum		0	5687	5687
	27	27	1168	97520	96352
		28	79	63277	63198
	Sum		1247	160797	159550
	28	7	0	65221	65221

	Sum		0	65221	65221
	29	3	0	54739	54739
	Sum		0	54739	54739
	30	56	.	.	0
		67	16	226354	226338
		68	0	161787	161787
		69	0	90829	90829
		70	0	229436	229436
		71	0	216939	216939
		72	0	197927	197927
3	30	73	0	117478	117478
	Sum		16	1240750	1240734
	31	4	0	113112	113112
	Sum		0	113112	113112
	32	3	12320	12320	0
	Sum		12320	12320	0
	33	64	0	179355	179355
		65	0	124169	124169
		66	0	162011	162011
		80	0	131458	131458
	Sum		0	596993	596993
	34	5	0	232428	232428
		8	0	3701	3701
		9	0	207372	207372
		10	0	185623	185623
	Sum		0	629124	629124
	35	28	0	17299	17299
	Sum		0	17299	17299
	36	34	0	125073	125073
		61	0	120127	120127
		62	0	159549	159549
		63	0	207192	207192
		65	0	71014	71014
	Sum		0	682955	682955
	37	66	0	43227	43227
		73	0	85676	85676
		74	0	216076	216076
		75	1414	228472	227058
		76	0	227837	227837
		77	0	200616	200616

		78	0	244576	244576
		79	0	135879	135879
	Sum		1414	1382359	1380945
	38	12	0	212609	212609
		13	0	265105	265105
	Sum		0	477714	477714
3	39	10	0	49700	49700
		17	0	176610	176610
		26	0	4529	4529
	Sum		0	230839	230839
	40	33	0	128897	128897
	Sum		0	128897	128897
	41	12	0	9243	9243
		19	0	191372	191372
		21	0	147074	147074
	Sum		0	347689	347689
	42	33	0	71371	71371
		35	0	138626	138626
	Sum		0	209997	209997
	43	19	.	.	1
		20	0	72055	72055
		21	0	82061	82061
		22	0	214693	214693
		23	0	147213	147213
		24	0	240507	240507
		27	.	.	0
		28	0	63481	63481
	Sum		0	820010	820011
	44	24	.	.	0
		27	1690	131007	129317
		28	0	17203	17203
	Sum		1690	148210	146520
	45	2	0	84455	84455
	Sum		0	84455	84455
	46	3	0	2332	2332
	Sum		0	2332	2332
	47	2	17142	25644	8502

	Sum		17142	25644	8502
	48	7	0	58250	58250
		8	0	114917	114917
	Sum		0	173167	173167
3	49	1	0	64794	64794
		6	0	87320	87320
		7	0	93414	93414
	Sum		0	245528	245528
	50	25	0	102230	102230
		26	0	77239	77239
	Sum		0	179469	179469
	51	2	0	34418	34418
	Sum		0	34418	34418
	52	2	0	27129	27129
	Sum		0	27129	27129
	53	2	0	8129	8129
	Sum		0	8129	8129
	54	29	0	49926	49926
		31	0	29947	29947
		32	0	45293	45293
	Sum		0	125166	125166
	55	25	0	29932	29932
	Sum		0	29932	29932
	56	35	0	92163	92163
		37	0	183823	183823
		38	0	80692	80692
	Sum		0	356678	356678
	57	2	0	1560	1560
		8	0	82556	82556
	Sum		0	84116	84116
	58	3	0	23768	23768
	Sum		0	23768	23768
Sum			36345	15074364	15038020

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\section*{Problems with the Data}

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Known Errors and Omissions

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Amador, Plumas, Santa Cruz, and Siskiyou counties are inaccurate due to no maps to make the registration to census consolidations (there is no information available for geocoding these counties, so maps are necessary). The odds of getting the maps for Plumas are good, for Siskiyou middling, and for Amador and Santa Cruz very poor. While there is SOV and reg data for Santa Cruz it is not based on mapping with the correct maps and it should not be used.

There are minor known errors in the merging and consolidation process, relatively inconsequential, some of which may be corrected at a later date (probably when the SOV data is adjusted by voting propensities). Lists of known errors are given below.

Differences between the Secretary of State database and IGS entries by SOV precincts by SOV, by county

COUNTY	Database Race Name	Database Race Totals	SOS Race Totals	Difference
Alameda	PRSDM	334148	334224	-76
	PRSPER	81641	81643	-2
	PRSREP	109284	109292	-8
	TOTREG	756487	758435	-1948
	USLDEM	342974	343020	-46
	USLREP	128484	128489	-5
	USSDEM	374627	374675	-48
	USSREP	113220	113223	-3
Amador	USLREP	7366	7336	30
Colusa	TOTREG	7174	7173	1
Del Norte	PR166N	5943	5933	10
Fresno	PR155Y	107212	107213	-1
	PR156N	120249	120250	-1
	PR156Y	83377	83378	-1
	PR157N	157264	157266	-2
	PR158N	128097	128099	-2
	PR159Y	65186	65188	-2
	PR160N	107435	107436	-1

	PR160Y	91984	91985	-1
	PR161N	123963	123965	-2
	PR162N	111700	111701	-1
	PR162Y	85268	85269	-1
	PR163Y	122207	122209	-2
	PR164N	79310	79311	-1
	PR164Y	124129	124130	-1
	PR165N	108782	108784	-2
	PR166N	144791	144792	-1
	PR166Y	64009	64010	-1
	PR167N	127034	127036	-2
	PRSREP	89137	89138	-1
	USLREP	117891	117893	-2
	USSPAF	4888	4890	-2
Glenn	TOTREG	11147	11145	2
Kern	PR162N	89640	89639	1
Kings	TOTREG	36691	36690	1
Lassen	TOTREG	12503	12509	-6
Los Angeles	AIPREG	50511	0	50511
	DCLREG	373619	0	373619
	DCLVOT	2831077	0	2831077
	DEMREG	2061025	0	2061025
	LIBREG	11782	0	11782
	PAFREG	15468	0	15468
	REPREG	1211010	0	1211010
Modoc	PR155N	2937	2940	-3
	PR155Y	1399	1402	-3
	PR156N	3549	3554	-5
	PR156Y	694	695	-1
	PR157N	3529	3535	-6
	PR158N	3463	3468	-5
	PR158Y	735	736	-1
	PR159N	3350	3356	-6
	PR160N	2578	2583	-5
	PR160Y	1753	1754	-1
	PR161N	2348	2351	-3
	PR161Y	2071	2073	-2
	PR162N	2379	2384	-5
	PR162Y	1925	1926	-1
	PR163N	1687	1690	-3
	PR163Y	2721	2724	-3
	PR164N	1488	1493	-5
	PR164Y	2875	2876	-1
	PR165N	2106	2108	-2
	PR165Y	2272	2276	-4
	PR166N	3316	3319	-3
	PR166Y	1093	1096	-3
	PR167N	2917	2922	-5
	PR167Y	1465	1466	-1
	PRSDEM	1485	1489	-4
	PRSREP	1802	1803	-1

	TOTVOT	4696	4702	-6
	USLAIP	357	358	-1
	USLDEM	1426	1429	-3
	USLREP	2365	2367	-2
	USSAIP	228	229	-1
	USSDEM	1568	1572	-4
	USSREP	2326	2327	-1
Monterey	TOTREG	160798	160821	-23
	USLAIP	4648	4378	270
Napa	TOTREG	65221	65171	50
San Francisco	TOTREG	477726	477740	-14
Shasta	TOTREG	84455	84450	5
Sierra	TOTREG	2332	2331	1
Stanislaus	TOTREG	179472	179471	1
Tehama	USSLIB	856	846	10
Trinity	TOTREG	8129	8248	-119
Yuba	TOTREG	23768	23766	2

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Differences between the Secretary of State database and IGS entries by SOV precincts by SOV, by District within county

COUNTY	Race Name	Database Race Totals	SOS Race Totals	Difference
Alameda	09CNGDEM	164239	164265	-26
	09CNGPAF	10471	10472	-1
	09CNGREP	53705	53707	-2
	09SENDEM	186895	0	186895
	10CNGDEM	43917	43919	-2
	10CNGREP	43284	43285	-1
	13CNGREP	57753	57754	-1
Fresno	19CNGDEM	77058	77059	-1
	30ASSREP	6875	6877	-2
Los Angeles	**CNGDEM	3928	0	3928
	**CNGDEM	4351	0	4351
	**CNGPAF	345	0	345
	**CNGPAF	394	0	394
	**CNGREP	2318	0	2318
	**CNGREP	2730	0	2730
	01CNGDEM	262	0	262
	01CNGPAF	25	0	25
	01CNGREP	204	0	204

02CNGDEM	1512	0	1512
02CNGPAF	100	0	100
02CNGREP	446	0	446
03CNGDEM	1506	0	1506
03CNGPAF	95	0	95
03CNGREP	441	0	441
04CNGDEM	1834	0	1834
04CNGPAF	187	0	187
04CNGREP	689	0	689
05CNGDEM	2487	0	2487
05CNGPAF	243	0	243
05CNGREP	1500	0	1500
06CNGDEM	3389	0	3389
06CNGPAF	326	0	326
06CNGREP	1848	0	1848
07CNGDEM	4019	0	4019
07CNGPAF	364	0	364
07CNGREP	1936	0	1936
08CNGDEM	5036	0	5036
08CNGPAF	437	0	437
08CNGREP	2262	0	2262
09CNGDEM	5685	0	5685
09CNGPAF	627	0	627
09CNGREP	2927	0	2927
10CNGDEM	6029	0	6029
10CNGPAF	554	0	554
10CNGREP	2414	0	2414
11CNGDEM	6481	0	6481
11CNGPAF	650	0	650
11CNGREP	2701	0	2701
12CNGDEM	3111	0	3111
12CNGPAF	316	0	316
12CNGREP	1852	0	1852
13CNGDEM	3461	0	3461
13CNGPAF	326	0	326
13CNGREP	1928	0	1928
14CNGDEM	5738	0	5738
14CNGPAF	553	0	553
14CNGREP	2428	0	2428
15CNGDEM	2437	0	2437
15CNGPAF	254	0	254
15CNGREP	1016	0	1016
16CNGDEM	2483	0	2483
16CNGPAF	245	0	245
16CNGREP	1138	0	1138
17CNGDEM	1512	0	1512
17CNGPAF	154	0	154
17CNGREP	843	0	843
18CNGDEM	1652	0	1652
18CNGPAF	189	0	189
18CNGREP	987	0	987
19CNGDEM	1837	0	1837
19CNGPAF	170	0	170
19CNGREP	1097	0	1097
20CNGDEM	1523	0	1523
20CNGPAF	184	0	184
20CNGREP	675	0	675

	21CNGDEM	994	0	994
	21CNGPAF	114	0	114
	21CNGREP	739	0	739
	22CNGDEM	470	0	470
	22CNGPAF	78	0	78
	22CNGREP	278	0	278
	23CNGDEM	438	0	438
	23CNGPAF	47	0	47
	23CNGREP	280	0	280
	24CNGDEM	121139	120480	659
	24CNGPAF	11111	11027	84
	24CNGREP	69493	69223	270
	25CNGDEM	72528	72233	295
	25CNGPAF	5127	5090	37
	25CNGREP	113728	113611	117
	26CNGDEM	0	73807	-73807
	26CNGLIB	0	3468	-3468
	26CNGPAF	0	7180	-7180
	26CNGREP	0	36453	-36453
	30CNGDEM	49103	48800	303
	30CNGPAF	6214	6173	41
	30CNGREP	20195	20034	161
	31CNGDEM	68699	68324	375
	31CNGPAF	41	0	41
	31CNGREP	41101	40873	228
	41ASSLIB	9625	9265	360
Modoc	01SENDEM	1447	1452	-5
	01SENREP	2558	2559	-1
	02CNGDEM	1265	1269	-4
	02CNGLIB	229	230	-1
	02CNGREP	2888	2889	-1
	03ASSDEM	1786	1790	-4
	03ASSLIB	370	371	-1
	03ASSREP	2218	2219	-1
Placer	04ASSREP	47462	47459	3
Sacramento	03CNGAIP	4	0	4
San Bernadino	62ASSDEM	51373	51372	1
	62ASSLIB	5578	5496	82
	62ASSREP	30753	30750	3
San Diego	76ASSPAF	3489	3189	300
Sutter	03CNGLIB	1929	1922	7
	03CNGREP	13492	13491	1

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Differences between total registration for the SOS tapes and that data merged to the level of the census block, excluding Amador, Plumas, Santa Cruz and Siskiyou Counties

CNTY	Assembly	Amount	From	From
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	District	Off	Reg Tapes	Block File
Contra Costa	14	10	90519	90509
El Dorado	4	49	81177	81128
Humboldt	1	100	76796	76696
Kern	30	653	60501	59848
Kern	32	-653	143283	143936
Lassen	3	13	12495	12482
Los Angeles	36	766	190072	189306
Mariposa	25	925	10137	9212
Monterey	27	25	96044	96019
Monterey	28	1	63965	63964
Orange	67	16	226184	226168
Riverside	65	2	124145	124143
San Diego	74	27	216063	216036
San Diego	75	1893	228466	226573
San Diego	77	495	200603	200108
Sutter	2	218	34363	34145
Tehama	2	2	27072	27070

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Differences between total registration from the SOV files and that data merged to the level of the census block

CNTY	Assembly District	Amount Off	From SOV Files	From Block File
Colusa	2	212	7174	6962
Kern	30	653	60581	59928
Los Angeles	36	726	189019	188293
Mariposa	25	925	10139	9214
Monterey	27	1168	97520	96352
Monterey	28	79	63277	63198
Orange	67	16	226354	226338
San Diego	75	1414	228472	227058

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\end{footnotesize}
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