

PDCENSUS2010

LAYOUT AND DATA DEFINITIONS

Below are the complete layout specifications and data definitions of **pdCensus2010** (except *pdGeoSupplement* which is provided in separate documentation). The same layout applies to the national and individual state files.

Each line below contains the following information: **FIELD NUMBER**: field position number. **FIELD NAME**: name of field. **FIELD TYPE**: field data type; “Chr” = alpha/numeric characters, “Num” = numbers. **FIELD LENGTH**: length of field. **DECIMAL PLACES**: number of decimal places (if any). **START POSITION**: field starting position. **END POSITION**: field ending position. **DESCRIPTION**: data definition of field contents.

LAYOUT OF PDCENSUS2010

Field Count: 202

Total Length: 1,891

Record Count: Pro: 14,440,956; Standard: 3,285,470

FIELD NUMBER	FIELD NAME	FIELD TYPE	FIELD LENGTH	DECIMAL PLACES	START POSITION	END POSITION	DESCRIPTION
1	PEACOCK_ID	Chr	15		1	15	Primary key; unique identifier for each record; concatenation of a one-character file identifier, plus the State FIPS Code, plus the geographic component, plus the summary level, plus a hyphen, plus a sequential number
2	GEOCOMP	Chr	2		16	17	Geographic Component Code
3	SUMLEV	Chr	3		18	20	Summary Level Code
4	NAMELSAD	Chr	90		21	110	Geographic area common name or translated legal/statistical area description
5	LATITUDE	Chr	11		111	121	Internal point latitude coordinate in degrees (7 decimal places)
6	LONGITUDE	Chr	12		122	133	Internal point longitude coordinate in degrees (7 decimal places)
7	LATRAD	Num	18	15	134	151	Internal point latitude coordinate converted to radians for use in trigonometry functions (15 numeric places)
8	LONRAD	Num	18	15	152	169	Internal point longitude coordinate converted to radians for use in trigonometry functions (15 numeric places)
9	LATDMS	Chr	14		170	183	Internal point latitude coordinate in degrees/minutes/seconds
10	LONDMS	Chr	15		184	198	Internal point longitude coordinate in degrees/minutes/seconds
11	AREA	Num	14		199	212	Total area in square meters
12	ALAND	Num	14		213	226	Total land area in square meters
13	AWATER	Num	14		227	240	Total water area in square meters

14	UR	Chr	1		241	241	Urban/Rural Indicator: U = Urban R = Rural M = Mixed
15	REGION	Chr	1		242	242	Region: 1 = Northeast 2 = Midwest 3 = South 4 = West 9 = Not in a region (insular areas)
16	DIVISION	Chr	1		243	243	Division: 1 = New England 2 = Middle Atlantic 3 = East North Central 4 = West North Central 5 = South Atlantic 6 = East South Central 7 = West South Central 8 = Mountain 9 = Pacific 0 = Not in a division (insular areas)
17	STATEFP	Chr	2		244	245	State FIPS Code
18	STATEABBR	Chr	2		246	247	State USPS Postal Abbreviation
19	COUNTYFP	Chr	3		248	250	County FIPS Code
20	TRACT	Chr	6		251	256	Census Tract
21	BLOCKGRP	Chr	1		257	257	Census Block Group
22	BLOCK	Chr	4		258	261	Census Block
23	COUSUBFP	Chr	5		262	266	County Subdivision FIPS Code
24	SUBMCDFP	Chr	5		267	271	Subminor Civil Division FIPS Code (Commonwealth of Puerto Rico subbarrio)
25	ESTATEFP	Chr	5		272	276	Estate FIPS Code (U.S. Virgin Islands only)
26	PLACEFP	Chr	5		277	281	Place FIPS Code
27	CONCITFP	Chr	5		282	286	Consolidated City FIPS Code
28	ANRCFP	Chr	5		287	291	Alaska Native Regional Corporation FIPS Code
29	AIANNH	Chr	4		292	295	American Indian Area/Alaska Native Area/Native Hawaiian Home Land
30	AIANNHFP	Chr	5		296	300	American Indian Area/Alaska Native Area/Native Hawaiian Home Land Fips Code
31	AIANNHLI	Chr	1		301	301	American Indian Area/Alaska Native Area/Native Hawaiian Home Land Reservation/Statistical Entity or Off-Reservation Trust Land/Native Hawaiian Home Land Indicator: T = Off-Reservation Trust Land R = Reservation or Statistical Entity M = Mixed
32	AITSUB	Chr	3		302	304	American Indian Tribal Subdivision
33	AITSUBFP	Chr	5		305	309	American Indian Tribal Subdivision FIPS Code
34	TTRACT	Chr	6		310	315	Tribal Census Tract
35	TBLKGRP	Chr	1		316	316	Tribal Block Group

36	CSAFP	Chr	3		317	319	Combined Statistical Area FIPS Code
37	METMICFP	Chr	5		320	324	Metropolitan/Micropolitan Statistical Area (CBSA) FIPS Code
38	METDVFP	Chr	5		325	329	Metropolitan Division FIPS Code
39	CNECTAFP	Chr	3		330	332	Combined New England City and Town Area FIPS Code
40	NECTAFP	Chr	5		333	337	New England City and Town Area FIPS Code
41	NECTDVFP	Chr	5		338	342	New England City and Town Area Division FIPS Code
42	UA	Chr	5		343	347	Urban Area
43	UGA	Chr	5		348	352	Urban Growth Area (Oregon and Washington)
44	CD	Chr	2		353	354	Congressional District FIPS Code: 01 to 53 = Congressional district codes 00 = At large (single district for state) 98 = Nonvoting delegate; District of Columbia (federal district), the Commonwealth of Puerto Rico, and other insular areas
45	SLDUPR	Chr	3		355	357	State Legislative District (Upper Chamber)
46	SLDLWR	Chr	3		358	360	State Legislative District (Lower Chamber)
47	VTD	Chr	6		361	366	Voting District
48	SDELM	Chr	5		367	371	School District (Elementary)
49	SDSEC	Chr	5		372	376	School District (Secondary)
50	SDUNI	Chr	5		377	381	School District (Unified)
51	PUMA	Chr	5		382	386	Public Use Microdata Area (PUMA 5% File)
52	ZCTA5	Chr	5		387	391	Census 5-digit ZIP Code Tabulation Area (ZCTA)
53	PP00000	Num	10		392	401	Population variable (PP000.00)
54	PP11000	Num	10		402	411	Population variable (PP110.00)
55	PP11001	Num	10		412	421	Population variable (PP110.01)
56	PP11002	Num	10		422	431	Population variable (PP110.02)
57	PP12000	Num	10		432	441	Population variable (PP120.00)
58	PP13000	Num	10		442	451	Population variable (PP130.00)
59	PP20001	Num	10		452	461	Population variable (PP200.01)
60	PP20002	Num	10		462	471	Population variable (PP200.02)
61	PP30001	Num	10		472	481	Population variable (PP300.01)
62	PP30002	Num	10		482	491	Population variable (PP300.02)
63	PP30003	Num	10		492	501	Population variable (PP300.03)
64	PP30004	Num	10		502	511	Population variable (PP300.04)
65	PP30005	Num	10		512	521	Population variable (PP300.05)
66	PP30006	Num	10		522	531	Population variable (PP300.06)
67	PP30007	Num	10		532	541	Population variable (PP300.07)
68	PP30008	Num	10		542	551	Population variable (PP300.08)
69	PP30009	Num	10		552	561	Population variable (PP300.09)
70	PP30010	Num	10		562	571	Population variable (PP300.10)
71	PP30011	Num	10		572	581	Population variable (PP300.11)
72	PP30012	Num	10		582	591	Population variable (PP300.12)
73	PP30013	Num	10		592	601	Population variable (PP300.13)

74	PP30014	Num	10		602	611	Population variable (PP300.14)
75	PP30015	Num	10		612	621	Population variable (PP300.15)
76	PP30016	Num	10		622	631	Population variable (PP300.16)
77	PP30017	Num	10		632	641	Population variable (PP300.17)
78	PP30018	Num	10		642	651	Population variable (PP300.18)
79	PP30019	Num	10		652	661	Population variable (PP300.19)
80	PP30020	Num	10		662	671	Population variable (PP300.20)
81	PP30021	Num	10		672	681	Population variable (PP300.21)
82	PP30022	Num	10		682	691	Population variable (PP300.22)
83	PP30023	Num	10		692	701	Population variable (PP300.23)
84	PP40000	Num	10	1	702	711	Population variable (PP400.00)
85	PP40001	Num	10	1	712	721	Population variable (PP400.01)
86	PP40002	Num	10	1	722	731	Population variable (PP400.02)
87	PP51000	Num	10		732	741	Population variable (PP510.00)
88	PP51001	Num	10		742	751	Population variable (PP510.01)
89	PP51002	Num	10		752	761	Population variable (PP510.02)
90	PP51003	Num	10		762	771	Population variable (PP510.03)
91	PP51004	Num	10		772	781	Population variable (PP510.04)
92	PP51005	Num	10		782	791	Population variable (PP510.05)
93	PP51006	Num	10		792	801	Population variable (PP510.06)
94	PP52000	Num	10		802	811	Population variable (PP520.00)
95	PP52100	Num	10		812	821	Population variable (PP521.00)
96	PP52101	Num	10		822	831	Population variable (PP521.01)
97	PP52102	Num	10		832	841	Population variable (PP521.02)
98	PP52103	Num	10		842	851	Population variable (PP521.03)
99	PP52104	Num	10		852	861	Population variable (PP521.04)
100	PP52105	Num	10		862	871	Population variable (PP521.05)
101	PP52106	Num	10		872	881	Population variable (PP521.06)
102	PP52107	Num	10		882	891	Population variable (PP521.07)
103	PP52108	Num	10		892	901	Population variable (PP521.08)
104	PP52109	Num	10		902	911	Population variable (PP521.09)
105	PP52110	Num	10		912	921	Population variable (PP521.10)
106	PP52111	Num	10		922	931	Population variable (PP521.11)
107	PP52112	Num	10		932	941	Population variable (PP521.12)
108	PP52113	Num	10		942	951	Population variable (PP521.13)
109	PP52114	Num	10		952	961	Population variable (PP521.14)
110	PP52115	Num	10		962	971	Population variable (PP521.15)
111	PP52200	Num	10		972	981	Population variable (PP522.00)
112	PP52201	Num	10		982	991	Population variable (PP522.01)
113	PP52202	Num	10		992	1001	Population variable (PP522.02)
114	PP52203	Num	10		1002	1011	Population variable (PP522.03)
115	PP52204	Num	10		1012	1021	Population variable (PP522.04)
116	PP61000	Num	10		1022	1031	Population variable (PP610.00)
117	PP61001	Num	10		1032	1041	Population variable (PP610.01)
118	PP61002	Num	10		1042	1051	Population variable (PP610.02)
119	PP61003	Num	10		1052	1061	Population variable (PP610.03)
120	PP61004	Num	10		1062	1071	Population variable (PP610.04)
121	PP61005	Num	10		1072	1081	Population variable (PP610.05)
122	PP61006	Num	10		1082	1091	Population variable (PP610.06)
123	PP61007	Num	10		1092	1101	Population variable (PP610.07)
124	PP62000	Num	10		1102	1111	Population variable (PP620.00)
125	PP62001	Num	10		1112	1121	Population variable (PP620.01)
126	PP62002	Num	10		1122	1131	Population variable (PP620.02)
127	PP62003	Num	10		1132	1141	Population variable (PP620.03)

128	PP62004	Num	10		1142	1151	Population variable (PP620.04)
129	PP62005	Num	10		1152	1161	Population variable (PP620.05)
130	PP62006	Num	10		1162	1171	Population variable (PP620.06)
131	PP62007	Num	10		1172	1181	Population variable (PP620.07)
132	PH00000	Num	10		1182	1191	Households variable (PH000.00)
133	PH11000	Num	10		1192	1201	Households variable (PH110.00)
134	PH11100	Num	10		1202	1211	Households variable (PH111.00)
135	PH11101	Num	10		1212	1221	Households variable (PH111.01)
136	PH11102	Num	10		1222	1231	Households variable (PH111.02)
137	PH11103	Num	10		1232	1241	Households variable (PH111.03)
138	PH11200	Num	10		1242	1251	Households variable (PH112.00)
139	PH11201	Num	10		1252	1261	Households variable (PH112.01)
140	PH11202	Num	10		1262	1271	Households variable (PH112.02)
141	PH11203	Num	10		1272	1281	Households variable (PH112.03)
142	PH12000	Num	10		1282	1291	Households variable (PH120.00)
143	PH12001	Num	10		1292	1301	Households variable (PH120.01)
144	PH12002	Num	10		1302	1311	Households variable (PH120.02)
145	PH20000	Num	10	2	1312	1321	Households variable (PH200.00)
146	PH20001	Num	10	2	1322	1331	Households variable (PH200.01)
147	PH20002	Num	10	2	1332	1341	Households variable (PH200.02)
148	PH30000	Num	10	2	1342	1351	Households variable (PH300.00)
149	PH30001	Num	10	2	1352	1361	Households variable (PH300.01)
150	PH30002	Num	10	2	1362	1371	Households variable (PH300.02)
151	PG00000	Num	10		1372	1381	Group quarter population variable (PG000.00)
152	PG10000	Num	10		1382	1391	Group quarter population variable (PG100.00)
153	PG10001	Num	10		1392	1401	Group quarter population variable (PG100.01)
154	PG10002	Num	10		1402	1411	Group quarter population variable (PG100.02)
155	PG10003	Num	10		1412	1421	Group quarter population variable (PG100.03)
156	PG10004	Num	10		1422	1431	Group quarter population variable (PG100.04)
157	PG20000	Num	10		1432	1441	Group quarter population variable (PG200.00)
158	PG20001	Num	10		1442	1451	Group quarter population variable (PG200.01)
159	PG20002	Num	10		1452	1461	Group quarter population variable (PG200.02)
160	PG20003	Num	10		1462	1471	Group quarter population variable (PG200.03)
161	HH00000	Num	10		1472	1481	Housing units variable (HH000.00)
162	HH11000	Num	10		1482	1491	Housing units variable (HH110.00)
163	HH11001	Num	10		1492	1501	Housing units variable (HH110.01)
164	HH11002	Num	10		1502	1511	Housing units variable (HH110.02)
165	HH12000	Num	10		1512	1521	Housing units variable (HH120.00)
166	HH13000	Num	10		1522	1531	Housing units variable (HH130.00)
167	HH20000	Num	10		1532	1541	Housing units variable (HH200.00)
168	HH21000	Num	10		1542	1551	Housing units variable (HH210.00)
169	HH21001	Num	10		1552	1561	Housing units variable (HH210.01)
170	HH21002	Num	10		1562	1571	Housing units variable (HH210.02)
171	HH22000	Num	10		1572	1581	Housing units variable (HH220.00)

172	HH30001	Num	10		1582	1591	Housing units variable (HH300.01)
173	HH30002	Num	10		1592	1601	Housing units variable (HH300.02)
174	HH30003	Num	10		1602	1611	Housing units variable (HH300.03)
175	HH30004	Num	10		1612	1621	Housing units variable (HH300.04)
176	HH30005	Num	10		1622	1631	Housing units variable (HH300.05)
177	HH30006	Num	10		1632	1641	Housing units variable (HH300.06)
178	HH30007	Num	10		1642	1651	Housing units variable (HH300.07)
179	HH41000	Num	10		1652	1661	Housing units variable (HH410.00)
180	HH41001	Num	10		1662	1671	Housing units variable (HH410.01)
181	HH41002	Num	10		1672	1681	Housing units variable (HH410.02)
182	HH41003	Num	10		1682	1691	Housing units variable (HH410.03)
183	HH41004	Num	10		1692	1701	Housing units variable (HH410.04)
184	HH41005	Num	10		1702	1711	Housing units variable (HH410.05)
185	HH41006	Num	10		1712	1721	Housing units variable (HH410.06)
186	HH41007	Num	10		1722	1731	Housing units variable (HH410.07)
187	HH42000	Num	10		1732	1741	Housing units variable (HH420.00)
188	HH42001	Num	10		1742	1751	Housing units variable (HH420.01)
189	HH42002	Num	10		1752	1761	Housing units variable (HH420.02)
190	HH42003	Num	10		1762	1771	Housing units variable (HH420.03)
191	HH42004	Num	10		1772	1781	Housing units variable (HH420.04)
192	HH42005	Num	10		1782	1791	Housing units variable (HH420.05)
193	HH42006	Num	10		1792	1801	Housing units variable (HH420.06)
194	HH42007	Num	10		1802	1811	Housing units variable (HH420.07)
195	HH50000	Num	10		1812	1821	Housing units variable (HH500.00)
196	HH50001	Num	10		1822	1831	Housing units variable (HH500.01)
197	HH50002	Num	10		1832	1841	Housing units variable (HH500.02)
198	HH50003	Num	10		1842	1851	Housing units variable (HH500.03)
199	HH50004	Num	10		1852	1861	Housing units variable (HH500.04)
200	HH50005	Num	10		1862	1871	Housing units variable (HH500.05)
201	HH50006	Num	10		1872	1881	Housing units variable (HH500.06)
202	HH50007	Num	10		1882	1891	Housing units variable (HH500.07)

Note that the layout above is also available in an Excel XLS file provided with the database. Programmers can use this file to create a table shell for the pdCensus2010 data.

IMPORTING DATA INTO YOUR SYSTEM

pdCensus2010 is designed to be compatible with any database system. It comes in multiple file formats, uses only the ANSI character set, and has a well-defined layout.

FILE FORMATS

The database is available in three common file formats. Each format contains the same data.

Available file formats are:

CSV-COMMA SEPARATED VALUES

Files in Comma Separated Values (CSV) format (also known as Comma Delimited) separate fields with commas, and alpha/numeric character fields are usually delimited with double quotes (in case some of the field content includes

commas). This format is the most commonly used. It is a native format for Microsoft Excel and is compatible with nearly all database management systems and spreadsheets.

TXT-FIXED LENGTH

Files in Fixed Length (TXT) format (also known as Standard Data Format or SDF) use constant field positions and lengths for all records. In other words, each field starts and ends at the same place in the text file and each record is on a separate line. While not as popular as comma separated values, this format is preferred by many due to its input precision and is widely used to transfer data between different software programs. It is compatible with most database management systems and spreadsheets.

DBF-DATABASE

Files in DBF database format (also known as xBase) are native to Microsoft FoxPro and Visual FoxPro, dataBased Intelligence dBase, Alaska Software XBase++, Apollo Database Engine, Apycom Software DBFView, Astersoft DBF Manager, DS-Datasoft Visual DBU, Elsoft DBF Commander, GrafX Software Clipper and Vulcan.NET, Multisoft FlagShip, Recital Software Recital, Software Perspectives Cule.Net, and xHarbour.com xHarbour. They are also compatible with any database management system that can import the DBF (xBase) format, such as Microsoft Access, Microsoft SQL Server, and numerous others.

CHARACTER SET

The ANSI character set is utilized for all database records. This includes ASCII values 0 to 127 and extended values 128 to 255. These are also known as the extended Latin alphabet. Some users may need to configure their database system to import the extended values. In many cases the option will be labeled the “Latin-1” character set.

DATABASE VERSION NUMBER

Depending on the file format, the version number of each copy of *pdCensus2010* is written in the first or second row of the first or second column of the database files in X.X.X format. The first number is the main version number of the release. The number after the first dot is the update for the version indicated. The number after the second dot references a minor revision.

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