

**Permit Authorized Residential Housing Units in Iowa's Counties: 1990-1999**

Area	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Adair	8	4	4	9	6	18	19	22	17	14
Adams	1	0	0	2	3	1	14	4	8	4
Allamakee	15	18	41	27	29	17	30	41	5	71
Appanoose	2	6	8	6	8	9	56	9	9	15
Audubon	0	3	2	2	2	5	10	10	8	5
Benton	18	27	26	53	95	97	109	113	122	100
Black Hawk	180	216	231	305	261	232	324	223	370	212
Boone	27	29	28	63	60	113	143	107	151	103
Bremer	56	64	71	48	71	66	78	109	79	80
Buchanan	18	19	33	20	55	23	17	48	18	50
Buena Vista	36	20	33	22	27	70	95	105	29	69
Butler	9	22	42	13	29	21	15	23	24	61
Calhoun	18	9	31	20	18	19	4	10	7	14
Carroll	71	74	97	84	103	67	79	135	92	132
Cass	17	13	6	12	13	20	33	77	49	11
Cedar	12	38	41	28	39	47	115	52	45	49
Cerro Gordo	85	64	110	69	148	64	150	110	174	70
Cherokee	7	12	17	34	10	37	13	16	60	9
Chickasaw	4	19	44	21	24	27	53	19	21	21
Clarke	23	6	2	29	0	0	28	20	94	25
Clay	47	17	21	44	34	29	23	27	50	82
Clayton	26	36	35	43	46	64	46	27	65	49
Clinton	62	56	83	84	79	92	192	85	92	134
Crawford	3	11	45	16	10	19	23	46	17	41
Dallas	114	180	296	218	194	136	185	179	256	363
Davis	2	6	8	4	21	1	2	6	8	5
Decatur	4	2	7	5	9	7	8	11	13	20
Delaware	42	41	25	25	95	28	54	27	27	38
Des Moines	31	86	55	39	181	45	86	47	113	50
Dickinson	84	92	176	224	113	122	182	129	172	154
Dubuque	346	295	462	454	439	458	331	303	364	319
Emmet	2	4	10	19	18	45	12	24	13	12
Fayette	14	9	15	35	21	29	14	23	65	40
Floyd	32	13	14	10	14	35	38	27	61	64
Franklin	24	29	5	4	6	9	24	5	13	6
Fremont	2	3	2	8	6	5	12	7	17	9
Greene	6	42	24	15	28	50	27	26	17	25
Grundy	10	9	13	19	13	22	23	12	26	34
Guthrie	20	36	52	15	29	38	49	50	34	68
Hamilton	27	11	9	13	39	44	24	29	43	27
Hancock	11	13	13	7	27	12	73	18	18	24
Hardin	7	5	12	41	32	39	31	17	31	49
Harrison	14	25	22	38	77	59	66	54	70	87
Henry	63	71	49	55	86	47	87	123	77	71
Howard	10	13	5	29	25	8	26	13	17	12
Humboldt	15	9	13	8	14	12	14	25	20	31
Ida	21	5	9	18	12	6	3	5	4	4
Iowa	9	24	46	38	50	30	38	25	17	52

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Area	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Jackson	18	34	48	47	64	53	66	43	47	67
Jasper	87	147	81	107	124	153	103	213	225	114
Jefferson	11	20	38	31	26	26	19	55	61	132
Johnson	619	686	943	968	1,173	838	907	748	794	982
Jones	12	16	50	31	31	18	83	36	26	22
Keokuk	3	6	6	6	12	16	13	8	4	14
Kossuth	5	14	9	39	26	16	17	18	21	19
Lee	15	15	40	29	24	30	22	21	74	30
Linn	682	994	1,214	1,217	1,127	1,236	1,065	1,035	1,195	1,630
Louisa	35	14	23	8	10	12	17	14	14	36
Lucas	3	1	3	1	2	3	3	1	8	7
Lyon	10	13	19	33	45	31	22	30	23	34
Madison	25	69	50	59	95	60	42	76	94	151
Mahaska	21	28	30	61	43	48	36	52	114	91
Marion	49	66	79	150	183	105	158	162	156	321
Marshall	37	41	70	122	70	69	42	107	91	78
Mills	6	19	27	10	47	20	19	24	19	17
Mitchell	11	16	28	12	19	44	19	12	14	10
Monona	8	13	26	12	34	21	15	66	60	43
Monroe	5	12	21	8	11	14	13	12	10	20
Montgomery	7	11	27	31	58	8	13	18	17	14
Muscatine	72	72	105	96	111	108	228	105	138	140
O'Brien	26	28	28	31	23	48	39	36	66	17
Osceola	5	12	13	7	14	7	10	8	11	30
Page	38	11	25	13	21	87	45	11	39	9
Palo Alto	4	3	7	0	10	9	29	12	40	36
Plymouth	78	86	95	143	127	77	112	123	124	104
Pocahontas	3	1	6	5	8	4	9	15	3	32
Polk	2,280	1,879	2,902	2,381	3,440	2,780	2,762	2,052	3,108	2,914
Pottawattamie	169	124	231	333	213	452	412	464	689	406
Poweshiek	48	39	54	51	55	41	62	53	114	85
Ringgold	2	1	3	4	6	7	3	6	6	0
Sac	0	2	7	11	12	10	15	9	24	14
Scott	439	478	502	649	418	529	676	769	742	702
Shelby	11	18	11	23	20	8	12	11	8	29
Sioux	100	115	91	95	118	101	92	92	85	80
Story	290	358	443	514	473	459	385	667	777	835
Tama	35	29	49	42	37	32	22	28	38	32
Taylor	1	17	4	0	2	7	7	5	11	4
Union	2	34	4	4	8	11	30	3	11	4
Van Buren	11	5	4	4	8	7	14	6	5	10
Wapello	29	56	47	47	76	130	102	45	42	55
Warren	256	178	217	212	213	305	424	112	154	273
Washington	57	44	76	50	53	42	31	20	70	29
Wayne	0	1	0	1	3	3	1	0	3	0
Webster	28	37	54	28	34	90	112	52	72	72
Winnebago	11	34	9	17	16	8	13	11	21	70
Winneshiek	36	44	41	31	33	49	82	55	178	45

## Permit Authorized Residential Housing Units in Iowa's Counties: 1990-1999

Area	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Woodbury	190	219	322	380	723	366	295	338	180	179
Worth	9	8	8	23	2	5	18	4	4	6
Wright	9	33	14	48	13	28	19	9	25	28

**Note:** Statistics on construction authorized by building permits are based upon reports submitted by local building permit officials in response to a mail survey using Form C-404, "Report of Building or Zoning Permits Issued and Local Public Construction". Annual statistics are not based upon a sample, but are obtained by cumulating data for all places in the county, both monthly and annual reporters.

**Limitations of the Data:** Although these statistics are not subject to sampling variability, they are subject to various response and operational errors which can be attributed to many sources: inability to obtain information about all cases, differences in interpretation of questions, inability or unwillingness of respondents to provide correct information and errors made in processing the data. Explicit measures of the effects of these errors are not available. Other limitations of the data: (1) For the nation as a whole, less than 5 percent of all privately owned housing units built are constructed in areas that do not require building permits. (2) Some building permit jurisdictions close their books a few days before the end of the years, so that the time reference for permits is not, in all cases, strictly the calendar year. (3) A study spanning 4 years showed that about 3 percent of the single-family houses built in permit-issuing places are built without a permit.

**Warning:** If an incorporated place crosses county lines, all permits for that place are allocated to only one county. For example, all permits issued by the city of West Des Moines are allocated to Polk County; none are allocated to Dallas County. The data in this table are reported data only, i.e., when a report is not received from a jurisdiction, the missing data are not included in this table. Building permit data reported on web sites for the U.S. Census Bureau (<http://www.census.gov/const/www/C40/table2.html#annual>) and HUD (<http://socds.huduser.org/permits/>) may include imputed data. Imputations are based on the assumption that the ratio of a missing year's authorizations to those of a year ago should be the same for both respondents and non-respondents. For more information about imputation techniques, see <http://www.census.gov/const/C40/Sample/impute.pdf>.

**Source:** U.S. Bureau of the Census, Manufacturing, Mining and Construction Division;

1999 Building Permits - Diskette "Permit Authorized Construction in Permit-Issuing Places by State and County" (Reported Only Units)

1990-1998 Annual Published Listing: "State/County Permit Authorized Construction in Permit Issuing Places"

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<http://www.iowadatacenter.org>