

Construction Put in Place Estimated for the United States

Millions of Current Dollars

1st Quarter 2020 Forecast (based on Q4 2019 Actuals)

	2015	2016	2017	2018	2019	2020F	2021F	2022F	2023F	2024F
RESIDENTIAL BUILDINGS										
Single-family	221,683	242,939	270,365	289,855	272,634	266,326	271,489	281,331	293,429	306,805
Multifamily	58,686	66,835	66,404	65,670	67,142	66,018	64,502	62,555	64,374	67,759
Improvements*	148,857	163,913	194,986	190,611	181,591	176,551	178,496	181,921	187,450	194,226
Total Residential Buildings	429,226	473,687	531,755	546,136	521,368	508,895	514,488	525,806	545,252	568,790
NONRESIDENTIAL BUILDINGS										
Lodging	22,012	27,077	28,660	31,496	33,544	32,606	30,496	28,986	29,874	31,650
Office	56,013	67,907	68,685	74,450	79,228	80,131	77,191	73,481	74,746	78,506
Commercial	66,977	78,696	87,626	95,420	85,246	79,394	75,549	73,092	75,426	79,453
Health Care	39,665	40,574	43,120	42,642	44,245	45,541	46,076	45,741	46,170	47,578
Educational	85,346	91,629	96,685	97,777	97,991	99,225	101,383	104,532	107,408	109,847
Religious	3,598	3,752	3,586	3,262	2,937	2,713	2,564	2,544	2,597	2,692
Public Safety	8,505	8,177	8,539	9,468	10,186	10,786	11,003	10,828	10,501	10,385
Amusement and Recreation	20,527	23,652	26,569	27,924	27,826	25,923	24,399	23,578	24,014	25,267
Transportation	45,106	43,339	46,137	51,446	54,712	56,667	61,511	65,232	66,931	67,396
Communication	21,691	22,179	23,696	24,645	23,499	23,776	24,304	24,987	25,820	26,855
Manufacturing	83,143	79,633	70,682	70,782	74,222	72,592	69,606	69,485	71,110	74,131
Total Nonresidential Buildings	452,583	486,615	503,985	529,312	533,636	529,354	524,082	522,488	534,599	553,760
NONBUILDING STRUCTURES										
Power	111,495	112,067	95,951	93,176	100,430	102,046	98,292	96,942	99,675	104,521
Highway and Street	91,701	93,187	89,620	91,124	98,918	101,637	106,416	110,701	112,591	113,669
Sewage and Waste Disposal	24,599	24,151	22,901	23,931	26,171	26,859	27,873	28,999	30,102	31,501
Water Supply	13,353	13,940	14,168	15,317	16,440	17,150	17,802	18,384	19,274	20,321
Conservation and Development	7,735	7,745	7,464	8,253	9,260	9,653	10,229	10,637	11,047	11,700
Total Nonbuilding Structures	248,883	251,090	230,104	231,801	251,219	257,345	260,613	265,663	272,689	281,712
Total Put in Place	\$1,130,692	\$1,211,392	\$1,265,844	\$1,307,249	\$1,306,223	\$1,295,594	\$1,299,182	\$1,313,958	\$1,352,540	\$1,404,263

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Change From Prior Year - Current Dollar Basis

1st Quarter 2020 Forecast (based on Q4 2019 Actuals)

	2015	2016	2017	2018	2019	2020F	2021F	2022F	2023F	2024F
RESIDENTIAL BUILDINGS										
Single-family	14%	10%	11%	7%	-6%	-2%	2%	4%	4%	5%
Multifamily	27%	14%	-1%	-1%	2%	-2%	-2%	-3%	3%	5%
Improvements*	11%	10%	19%	-2%	-5%	-3%	1%	2%	3%	4%
Total Residential Buildings	15%	10%	12%	3%	-5%	-2%	1%	2%	4%	4%
NONRESIDENTIAL BUILDINGS										
Lodging	32%	23%	6%	10%	7%	-3%	-6%	-5%	3%	6%
Office	20%	21%	1%	8%	6%	1%	-4%	-5%	2%	5%
Commercial	7%	17%	11%	9%	-11%	-7%	-5%	-3%	3%	5%
Health Care	3%	2%	6%	-1%	4%	3%	1%	-1%	1%	3%
Educational	7%	7%	6%	1%	0%	1%	2%	3%	3%	2%
Religious	6%	4%	-4%	-9%	-10%	-8%	-5%	-1%	2%	4%
Public Safety	-10%	-4%	4%	11%	8%	6%	2%	-2%	-3%	-1%
Amusement and Recreation	22%	15%	12%	5%	0%	-7%	-6%	-3%	2%	5%
Transportation	7%	-4%	6%	12%	6%	4%	9%	6%	3%	1%
Communication	25%	2%	7%	4%	-5%	1%	2%	3%	3%	4%
Manufacturing	37%	-4%	-11%	0%	5%	-2%	-4%	0%	2%	4%
Total Nonresidential Buildings	15%	8%	4%	5%	1%	-1%	-1%	0%	2%	4%
NONBUILDING STRUCTURES										
Power	1%	1%	-14%	-3%	8%	2%	-4%	-1%	3%	5%
Highway and Street	8%	2%	-4%	2%	9%	3%	5%	4%	2%	1%
Sewage and Waste Disposal	6%	-2%	-5%	4%	9%	3%	4%	4%	4%	5%
Water Supply	0%	4%	2%	8%	7%	4%	4%	3%	5%	5%
Conservation and Development	6%	0%	-4%	11%	12%	4%	6%	4%	4%	6%
Total Nonbuilding Structures	4%	1%	-8%	1%	8%	2%	1%	2%	3%	3%
Total Put in Place	12%	7%	4%	3%	0%	-1%	0%	1%	3%	4%

*Improvements includes additions, alterations and major replacements. It does not include maintenance and repairs.