

Construction Put in Place Estimated for the United States

Millions of Current Dollars

3rd Quarter 2019 Forecast (based on Q2 2019 Actuals)

	2014	2015	2016	2017	2018	2019E	2020F	2021F	2022F	2023F
RESIDENTIAL BUILDINGS										
Single-family	194,091	221,683	242,939	270,365	289,855	276,037	278,873	287,302	298,048	312,795
Multifamily	46,250	58,686	66,835	66,404	65,670	64,372	64,772	66,598	69,055	72,579
Improvements*	134,519	148,857	163,913	194,986	190,611	184,250	185,312	189,407	195,671	203,021
Total Residential Buildings	374,860	429,226	473,687	531,755	546,136	524,659	528,957	543,307	562,775	588,395
NONRESIDENTIAL BUILDINGS										
Lodging	16,738	22,012	27,077	28,660	31,496	33,576	34,245	33,967	33,168	34,521
Office	46,582	56,013	67,907	68,685	74,450	78,925	81,485	80,777	79,374	81,688
Commercial	62,841	66,977	78,696	87,626	95,420	92,454	90,761	89,473	90,477	94,533
Health Care	38,647	39,665	40,574	43,120	42,642	43,848	45,845	47,183	46,858	47,242
Educational	79,681	85,346	91,629	96,685	97,777	98,082	101,069	104,711	108,620	111,787
Religious	3,386	3,598	3,752	3,586	3,262	3,060	2,888	2,850	2,926	3,078
Public Safety	9,437	8,505	8,177	8,539	9,468	10,285	11,204	11,367	11,047	11,200
Amusement and Recreation	16,773	20,527	23,652	26,569	27,924	28,423	28,190	27,153	27,428	28,369
Transportation	42,043	45,106	43,339	46,137	51,446	55,405	59,901	64,324	68,359	69,687
Communication	17,298	21,691	22,179	23,696	24,645	25,357	26,452	27,624	28,595	29,800
Manufacturing	60,645	83,143	79,633	70,682	70,782	72,969	74,807	75,377	78,381	81,456
Total Nonresidential Buildings	394,071	452,583	486,615	503,985	529,312	542,384	556,848	564,805	575,232	593,360
NONBUILDING STRUCTURES										
Power	110,089	111,495	112,067	95,951	93,176	97,607	102,566	106,165	110,885	115,225
Highway and Street	84,743	91,701	93,187	89,620	91,124	96,530	101,656	106,574	110,730	112,513
Sewage and Waste Disposal	23,173	24,599	24,151	22,901	23,931	25,748	26,641	28,091	29,715	30,822
Water Supply	13,380	13,353	13,940	14,168	15,317	16,643	17,898	18,939	19,499	20,566
Conservation and Development	7,310	7,735	7,745	7,464	8,253	9,060	9,639	10,097	10,500	11,043
Total Nonbuilding Structures	238,695	248,883	251,090	230,104	231,801	245,588	258,400	269,867	281,329	290,170
Total Put in Place	\$1,007,626	\$1,130,692	\$1,211,392	\$1,265,844	\$1,307,249	\$1,312,631	\$1,344,204	\$1,377,979	\$1,419,336	\$1,471,925

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

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Change From Prior Year - Current Dollar Basis

3rd Quarter 2019 Forecast (based on Q2 2019 Actuals)

	2014	2015	2016	2017	2018	2019E	2020F	2021F	2022F	2023F
RESIDENTIAL BUILDINGS										
Single-family	13%	14%	10%	11%	7%	-5%	1%	3%	4%	5%
Multifamily	32%	27%	14%	-1%	-1%	-2%	1%	3%	4%	5%
Improvements*	10%	11%	10%	19%	-2%	-3%	1%	2%	3%	4%
Total Residential Buildings	14%	15%	10%	12%	3%	-4%	1%	3%	4%	5%
NONRESIDENTIAL BUILDINGS										
Lodging	24%	32%	23%	6%	10%	7%	2%	-1%	-2%	4%
Office	23%	20%	21%	1%	8%	6%	3%	-1%	-2%	3%
Commercial	18%	7%	17%	11%	9%	-3%	-2%	-1%	1%	4%
Health Care	-5%	3%	2%	6%	-1%	3%	5%	3%	-1%	1%
Educational	1%	7%	7%	6%	1%	0%	3%	4%	4%	3%
Religious	-6%	6%	4%	-4%	-9%	-6%	-6%	-1%	3%	5%
Public Safety	-1%	-10%	-4%	4%	11%	9%	9%	1%	-3%	1%
Amusement and Recreation	10%	22%	15%	12%	5%	2%	-1%	-4%	1%	3%
Transportation	7%	7%	-4%	6%	12%	8%	8%	7%	6%	2%
Communication	-3%	25%	2%	7%	4%	3%	4%	4%	4%	4%
Manufacturing	15%	37%	-4%	-11%	0%	3%	3%	1%	4%	4%
Total Nonresidential Buildings	9%	15%	8%	4%	5%	2%	3%	1%	2%	3%
NONBUILDING STRUCTURES										
Power	18%	1%	1%	-14%	-3%	5%	5%	4%	4%	4%
Highway and Street	4%	8%	2%	-4%	2%	6%	5%	5%	4%	2%
Sewage and Waste Disposal	3%	6%	-2%	-5%	4%	8%	3%	5%	6%	4%
Water Supply	-2%	0%	4%	2%	8%	9%	8%	6%	3%	5%
Conservation and Development	23%	6%	0%	-4%	11%	10%	6%	5%	4%	5%
Total Nonbuilding Structures	10%	4%	1%	-8%	1%	6%	5%	4%	4%	3%
Total Put in Place	11%	12%	7%	4%	3%	0%	2%	3%	3%	4%

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



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