

# Construction Put in Place Estimated for the United States

Millions of Current Dollars  
2nd Quarter 2019 Forecast (based on Q1 2019 Actuals)



	2014	2015	2016	2017	2018	2019E	2020F	2021F	2022F	2023F
<b>RESIDENTIAL BUILDINGS</b>										
Single-family	194,091	221,680	242,938	270,338	284,222	270,231	271,785	280,093	289,508	304,024
Multifamily	46,250	58,228	67,084	66,354	66,267	65,700	66,366	68,333	71,399	75,477
Improvements*	134,519	148,854	163,911	194,965	195,684	188,288	188,866	192,977	198,975	206,153
<b>Total Residential Buildings</b>	<b>374,860</b>	<b>428,762</b>	<b>473,933</b>	<b>531,657</b>	<b>546,173</b>	<b>524,219</b>	<b>527,018</b>	<b>541,403</b>	<b>559,882</b>	<b>585,654</b>
<b>NONRESIDENTIAL BUILDINGS</b>										
Lodging	16,738	21,908	26,969	28,672	31,902	31,669	30,759	30,518	31,017	32,409
Office	46,582	55,521	67,616	66,850	72,915	77,318	76,662	74,523	75,885	79,781
Commercial	62,841	65,899	78,151	87,733	89,514	91,535	89,491	88,147	90,207	94,274
Health Care	38,647	39,147	40,157	41,916	42,009	42,921	44,145	44,784	45,264	46,961
Educational	79,681	84,771	90,348	91,213	94,256	98,157	101,190	104,533	107,889	111,577
Religious	3,386	3,577	3,721	3,366	3,021	2,852	2,690	2,658	2,729	2,876
Public Safety	9,437	8,484	8,023	8,290	9,243	9,905	10,682	10,687	10,354	10,621
Amusement and Recreation	16,773	20,258	23,155	24,851	26,518	27,215	26,047	24,308	24,874	26,210
Transportation	42,043	44,843	43,274	45,173	51,782	55,903	60,174	63,817	66,696	67,203
Communication	17,298	21,696	22,178	24,831	24,634	25,372	26,547	27,744	28,709	29,913
Manufacturing	58,648	79,930	76,380	66,448	65,133	67,301	67,878	68,882	69,857	71,681
<b>Total Nonresidential Buildings</b>	<b>392,074</b>	<b>446,034</b>	<b>479,972</b>	<b>489,343</b>	<b>510,927</b>	<b>530,149</b>	<b>536,266</b>	<b>540,601</b>	<b>553,481</b>	<b>573,506</b>
<b>NONBUILDING STRUCTURES</b>										
Power	110,089	102,972	101,389	96,513	100,152	103,587	108,657	111,329	116,333	119,382
Highway and Street	84,743	90,626	92,738	89,053	92,642	98,567	103,861	108,665	112,784	114,286
Sewage and Waste Disposal	23,173	24,380	23,149	20,386	22,058	23,447	23,978	24,867	26,097	27,079
Water Supply	13,380	13,150	13,042	11,806	13,822	14,904	15,628	16,355	17,083	17,834
Conservation and Development	7,310	7,726	7,588	7,244	8,211	8,986	9,512	9,929	10,372	10,980
<b>Total Nonbuilding Structures</b>	<b>238,695</b>	<b>238,854</b>	<b>237,906</b>	<b>225,002</b>	<b>236,885</b>	<b>249,492</b>	<b>261,636</b>	<b>271,146</b>	<b>282,669</b>	<b>289,561</b>
<b>Total Put in Place</b>	<b>\$1,005,629</b>	<b>\$1,113,650</b>	<b>\$1,191,811</b>	<b>\$1,246,002</b>	<b>\$1,293,985</b>	<b>\$1,303,860</b>	<b>\$1,324,920</b>	<b>\$1,353,150</b>	<b>\$1,396,033</b>	<b>\$1,448,721</b>

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

# Construction Put in Place Estimated for the United States

Change From Prior Year - Current Dollar Basis  
2nd Quarter 2019 Forecast (based on Q1 2019 Actuals)

	2014	2015	2016	2017	2018	2019E	2020F	2021F	2022F	2023F
<b>RESIDENTIAL BUILDINGS</b>										
Single-family	13%	14%	10%	11%	5%	-5%	1%	3%	3%	5%
Multifamily	32%	26%	15%	-1%	0%	-1%	1%	3%	4%	6%
Improvements*	10%	11%	10%	19%	0%	-4%	0%	2%	3%	4%
<b>Total Residential Buildings</b>	<b>14%</b>	<b>14%</b>	<b>11%</b>	<b>12%</b>	<b>3%</b>	<b>-4%</b>	<b>1%</b>	<b>3%</b>	<b>3%</b>	<b>5%</b>
<b>NONRESIDENTIAL BUILDINGS</b>										
Lodging	24%	31%	23%	6%	11%	-1%	-3%	-1%	2%	4%
Office	23%	19%	22%	-1%	9%	6%	-1%	-3%	2%	5%
Commercial	18%	5%	19%	12%	2%	2%	-2%	-2%	2%	5%
Health Care	-5%	1%	3%	4%	0%	2%	3%	1%	1%	4%
Educational	1%	6%	7%	1%	3%	4%	3%	3%	3%	3%
Religious	-6%	6%	4%	-10%	-10%	-6%	-6%	-1%	3%	5%
Public Safety	-1%	-10%	-5%	3%	11%	7%	8%	0%	-3%	3%
Amusement and Recreation	10%	21%	14%	7%	7%	3%	-4%	-7%	2%	5%
Transportation	7%	7%	-3%	4%	15%	8%	8%	6%	5%	1%
Communication	-3%	25%	2%	12%	-1%	3%	5%	5%	3%	4%
Manufacturing	16%	36%	-4%	-13%	-2%	3%	1%	1%	1%	3%
<b>Total Nonresidential Buildings</b>	<b>9%</b>	<b>14%</b>	<b>8%</b>	<b>2%</b>	<b>4%</b>	<b>4%</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>4%</b>
<b>NONBUILDING STRUCTURES</b>										
Power	18%	-6%	-2%	-5%	4%	3%	5%	2%	4%	3%
Highway and Street	4%	7%	2%	-4%	4%	6%	5%	5%	4%	1%
Sewage and Waste Disposal	3%	5%	-5%	-12%	8%	6%	2%	4%	5%	4%
Water Supply	-2%	-2%	-1%	-9%	17%	8%	5%	5%	4%	4%
Conservation and Development	23%	6%	-2%	-5%	13%	9%	6%	4%	4%	6%
<b>Total Nonbuilding Structures</b>	<b>10%</b>	<b>0%</b>	<b>0%</b>	<b>-5%</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>	<b>4%</b>	<b>4%</b>	<b>2%</b>
<b>Total Put in Place</b>	<b>11%</b>	<b>11%</b>	<b>7%</b>	<b>5%</b>	<b>4%</b>	<b>1%</b>	<b>2%</b>	<b>2%</b>	<b>3%</b>	<b>4%</b>

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



for the Built Environment

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