

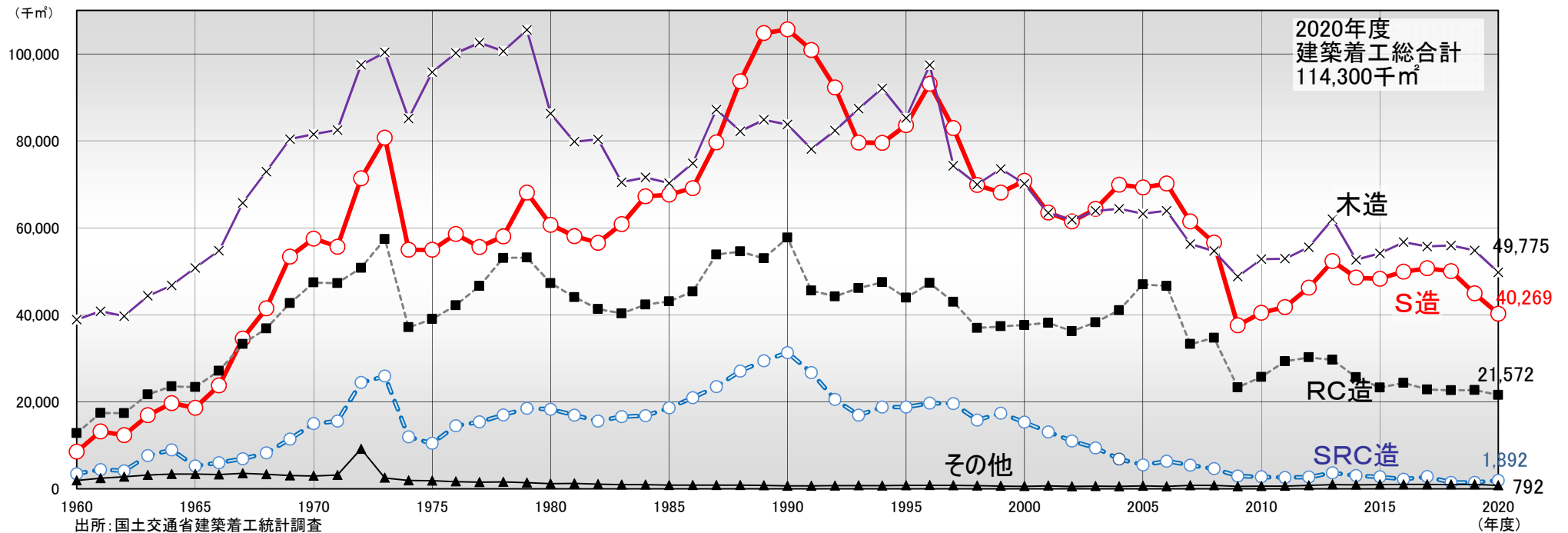
鉄骨建築関連統計・図表

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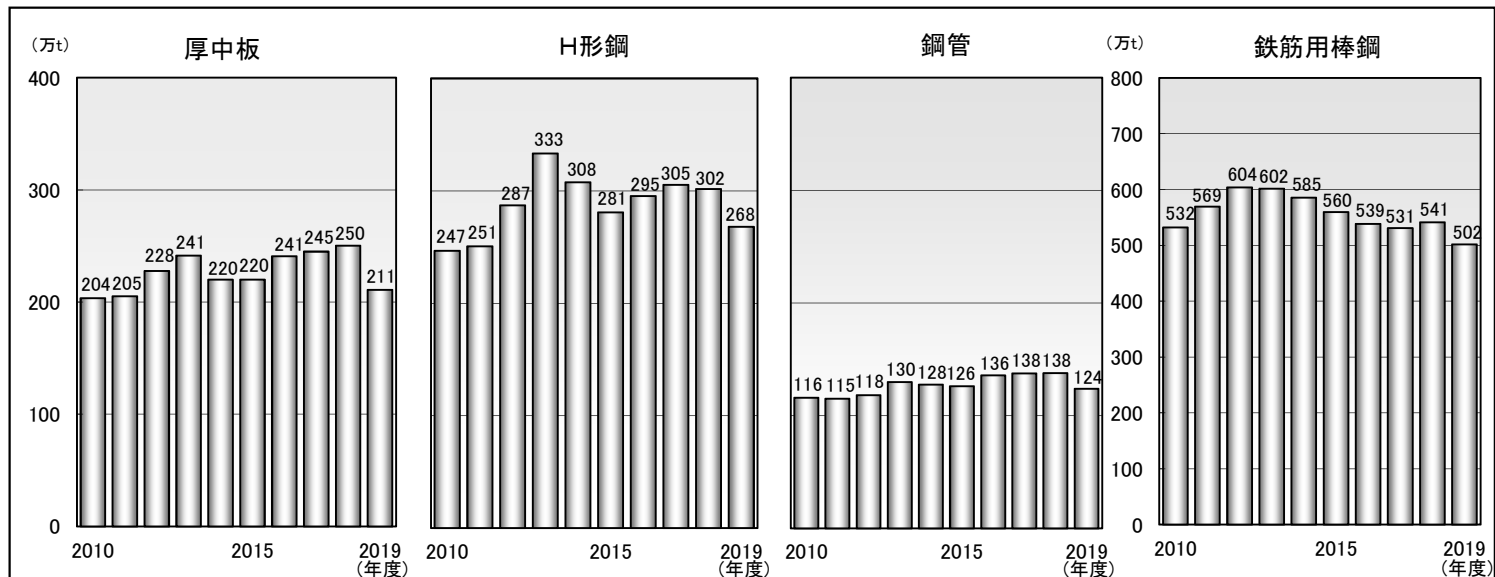
2021年10月

一般社団法人 日本鉄鋼連盟 建築委員会

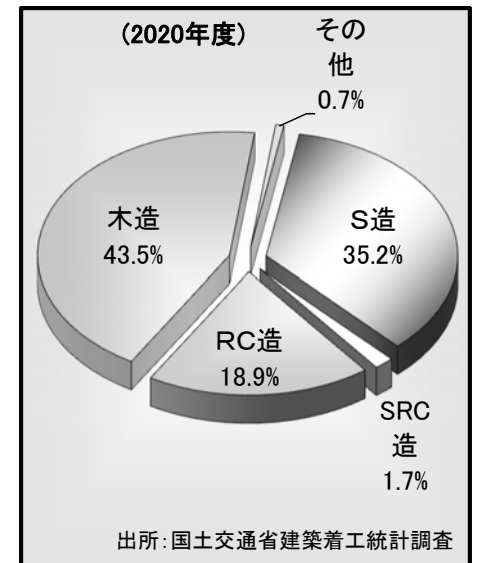
主要建築構造用鋼材関連統計図表



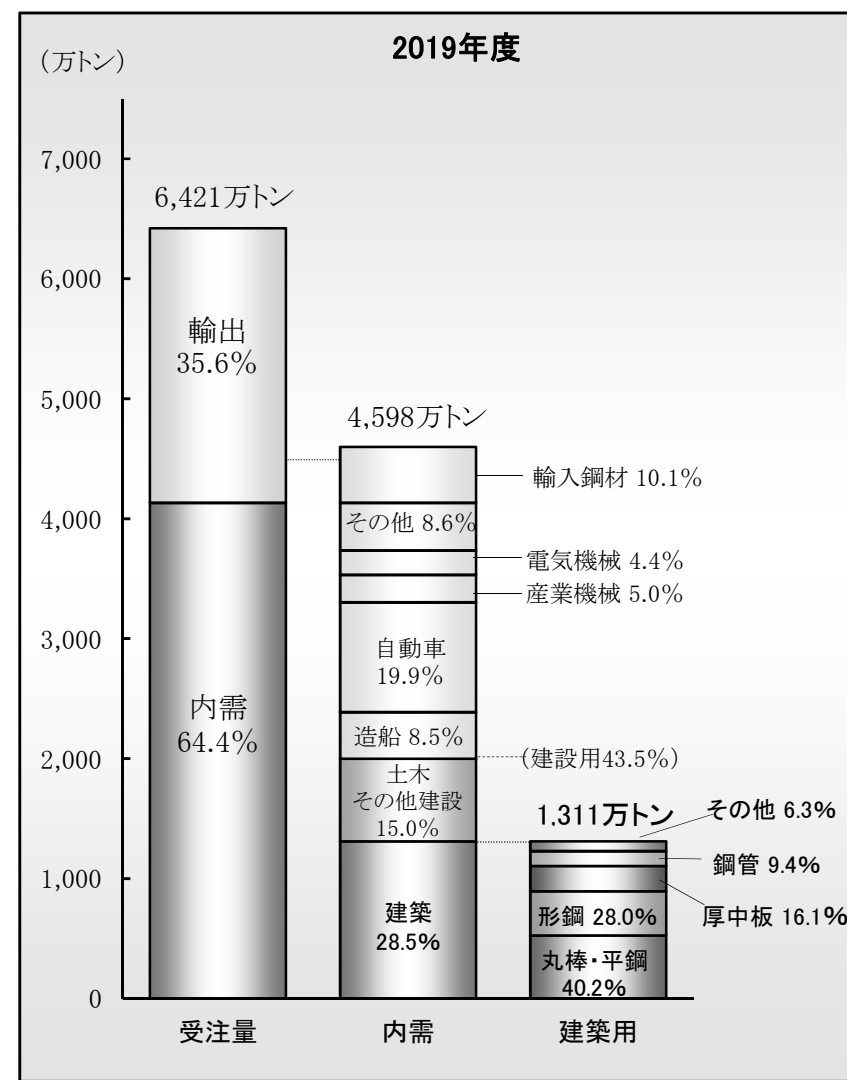
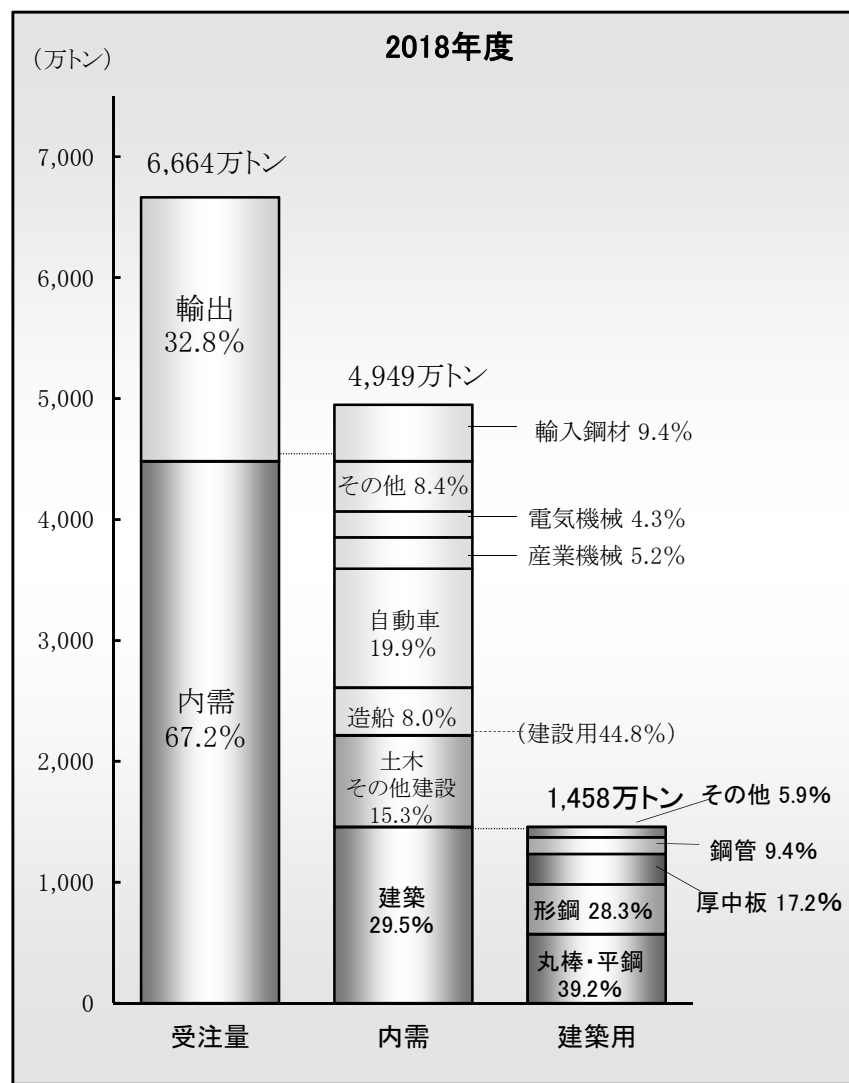
普通鋼鋼材国内最終使途ベース建築向け受注量の推計



構造種別着工床面積の構成比



普通鋼鋼材国内最終用途ベース受注量の推計



出所: 普通鋼地域別用途別受注統計表

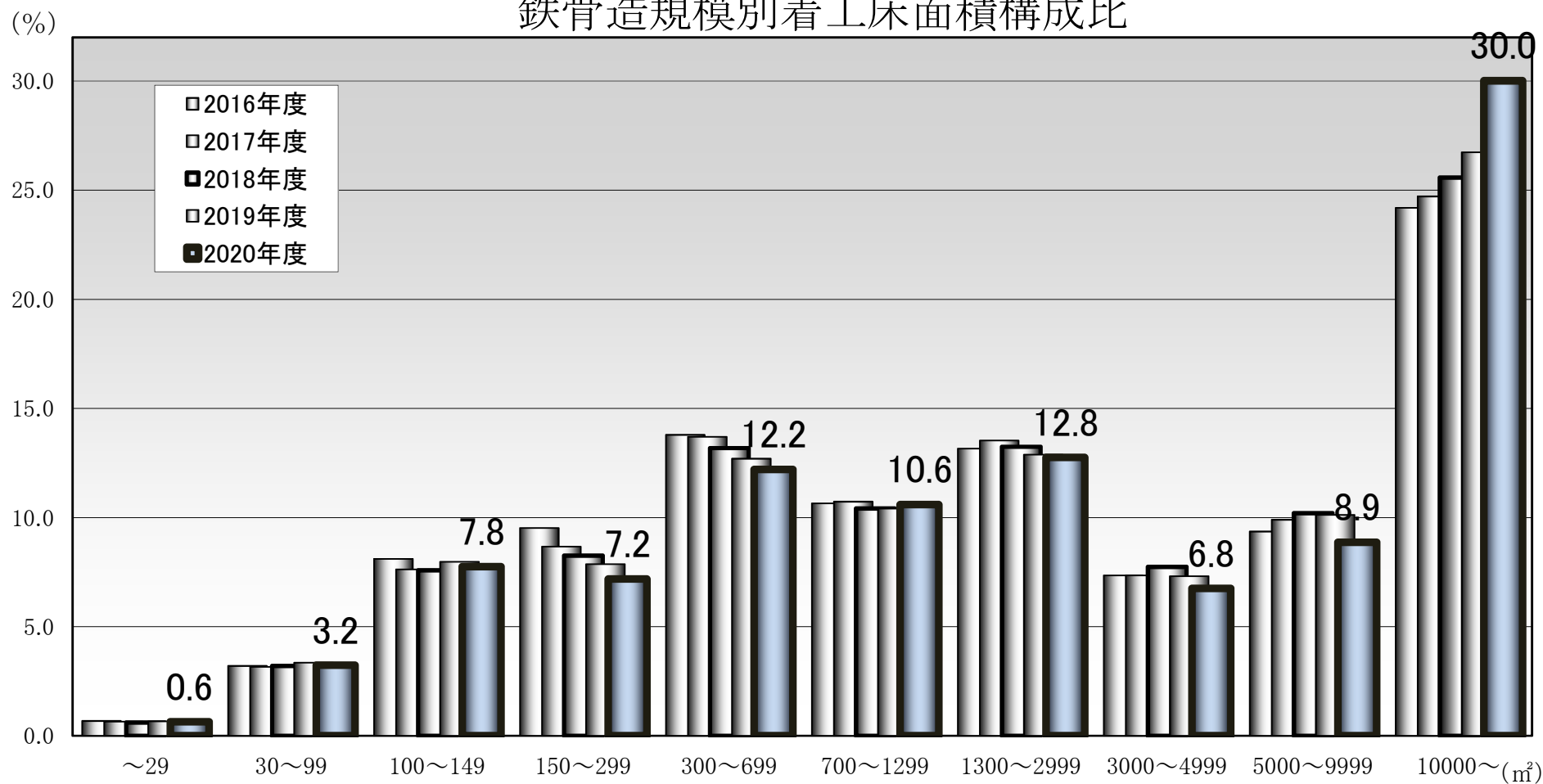
鉄骨需要量の年度別推移表(推定)

(単位:千トン, %)

年度	鉄 骨 造	前年度比	鉄骨鉄筋コンクリート造	前年度比	合 計	前年度比
1964	1,970	16.6%	447	17.2%	2,417	16.7%
1966	2,374	27.6%	299	13.9%	2,673	25.9%
1968	4,147	20.0%	412	19.4%	4,559	20.0%
1970	5,753	7.7%	749	30.8%	6,502	9.9%
1972	7,138	28.2%	1,221	56.8%	8,359	31.7%
1974	5,497	▲31.9%	598	▲53.9%	6,095	▲34.9%
1976	5,858	6.6%	725	38.9%	6,583	9.4%
1978	5,806	4.4%	848	10.4%	6,654	5.1%
1980	6,069	▲10.9%	915	▲1.1%	6,984	▲9.8%
1982	5,656	▲2.7%	778	▲8.2%	6,433	▲3.4%
1984	6,727	10.5%	841	1.5%	7,567	9.5%
1986	6,915	2.2%	1,046	12.6%	7,962	3.5%
1987	7,967	15.2%	1,175	12.3%	9,142	14.8%
1988	9,373	17.6%	1,352	15.1%	10,725	17.3%
1989	10,480	11.8%	1,472	8.9%	11,952	11.4%
1990	10,564	0.8%	1,565	6.3%	12,129	1.5%
1991	10,090	▲4.5%	1,335	▲14.7%	11,426	▲5.8%
1992	9,230	▲8.5%	1,027	▲23.1%	10,257	▲10.2%
1993	7,961	▲13.8%	846	▲17.6%	8,807	▲14.1%
1994	7,953	▲0.1%	939	10.9%	8,892	1.0%
1995	8,366	5.2%	939	0.0%	9,304	4.6%
1996	9,314	11.3%	984	4.8%	10,298	10.7%
1997	8,295	▲10.9%	979	▲0.5%	9,274	▲9.9%
1998	6,986	▲15.8%	789	▲19.4%	7,775	▲16.2%
1999	6,811	▲2.5%	868	10.0%	7,679	▲1.2%
2000	7,081	4.0%	765	▲11.8%	7,846	2.2%
2001	6,354	▲10.3%	653	▲14.7%	7,007	▲10.7%
2002	6,147	▲3.3%	548	▲16.0%	6,695	▲4.5%
2003	6,438	4.7%	470	▲14.2%	6,908	3.2%
2004	6,993	8.6%	342	▲27.3%	7,335	6.2%
2005	6,933	▲0.9%	273	▲20.2%	7,206	▲1.8%
2006	7,019	1.2%	316	15.8%	7,335	1.8%
2007	6,147	▲12.4%	272	▲13.8%	6,419	▲12.5%
2008	5,664	▲7.9%	230	▲15.4%	5,894	▲8.2%
2009	3,759	▲33.6%	147	▲36.2%	3,906	▲33.7%
2010	4,048	7.7%	137	▲7.0%	4,184	7.1%
2011	4,179	3.2%	131	▲4.3%	4,310	3.0%
2012	4,626	10.7%	134	2.5%	4,760	10.4%
2013	5,234	13.2%	182	36.1%	5,417	13.8%
2014	4,855	▲7.2%	151	▲17.2%	5,006	▲7.6%
2015	4,830	▲0.5%	136	▲9.6%	4,967	▲0.8%
2016	4,995	3.4%	109	▲20.4%	5,104	2.8%
2017	5,070	1.5%	139	28.4%	5,210	2.1%
2018	5,005	▲1.3%	73	▲47.5%	5,078	▲2.5%
2019	4,493	▲10.2%	74	1.0%	4,567	▲10.1%
2020	4,027	▲10.4%	95	27.9%	4,121	▲9.7%

(注)算出方法: S造=床面積㎡×100kg, SRC造=床面積㎡×50kg

鉄骨造規模別着工床面積構成比



	2016年度	2017年度	2018年度	2019年度	2020年度
鉄骨造着工床面積	4,995万㎡	5,070万㎡	5,005万㎡	4,493万㎡	4,027万㎡
鉄骨造着工棟数	12万7千棟	12万3千棟	11万9千棟	10万9千棟	9万5千棟
1棟当り平均床面積	394㎡	412㎡	422㎡	411㎡	424㎡
1棟当り推定鉄骨量	39トﾝ	41トﾝ	42トﾝ	41トﾝ	42トﾝ

出所:国土交通省建築着工統計調査

鉄骨造規模別着工床面積構成比の年度別推移

(単位:%)

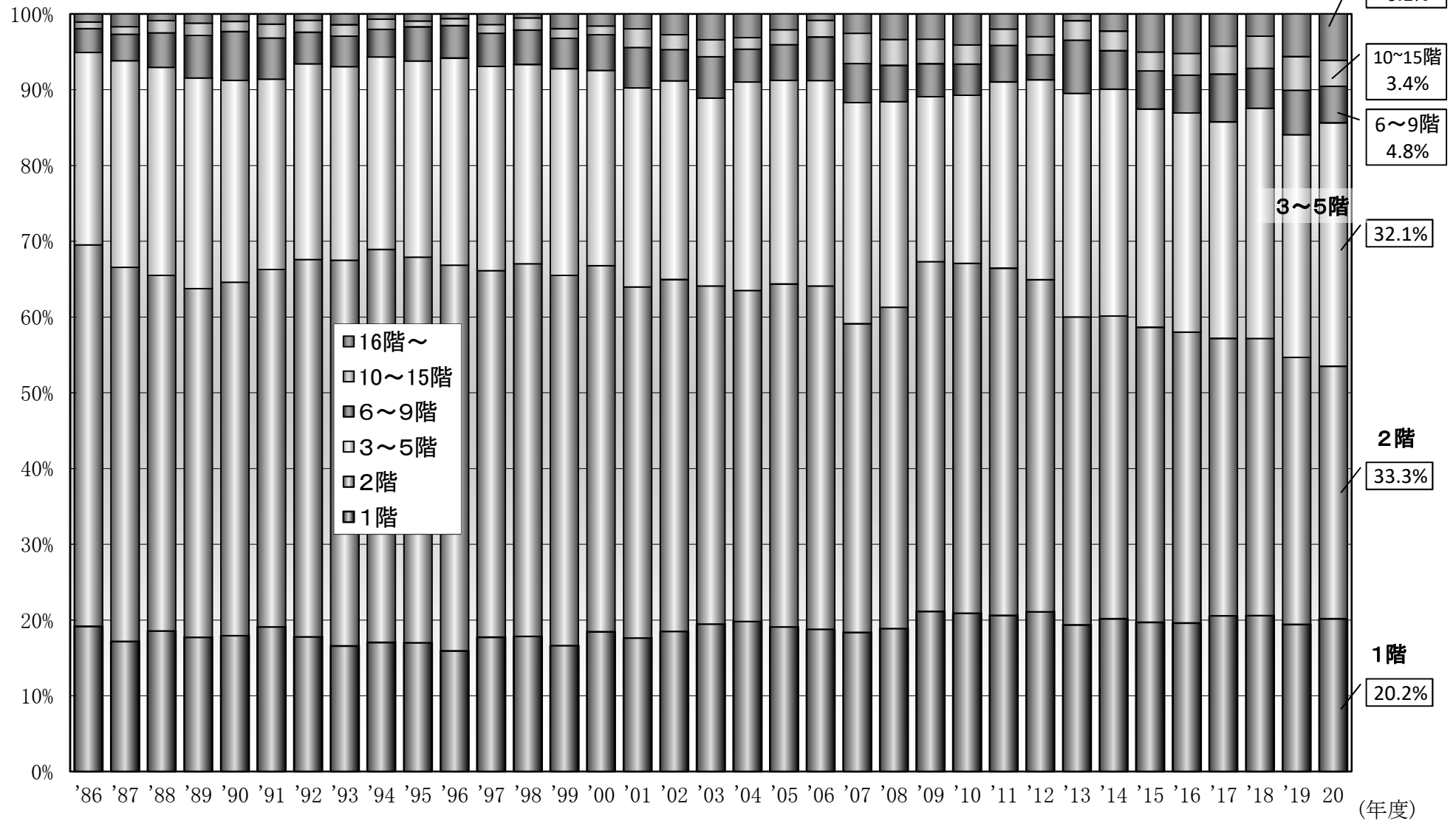
年度	29㎡以下	30～99㎡	100～149㎡	150～299㎡	300～699㎡	700～1299㎡	1300～2999㎡	3000～4999㎡	5000～9999㎡	10000㎡以上
1986	0.5	5.6	11.5	20.1	23.1	12.7	11.5	4.7	4.4	6.0
1987	0.4	4.7	11.4	20.3	22.4	12.7	11.1	4.8	4.6	6.6
1988	0.4	3.9	9.2	18.1	22.1	13.2	12.2	5.6	6.1	9.3
1989	0.4	3.4	8.5	17.2	21.1	13.3	12.9	6.1	6.3	10.8
1990	0.3	3.2	8.1	17.0	20.2	13.4	13.7	6.8	6.9	10.3
1991	0.3	3.2	7.8	17.0	20.0	12.7	13.5	6.3	7.1	12.1
1992	0.4	3.4	8.4	18.9	21.0	12.7	12.9	5.9	6.5	9.9
1993	0.4	3.8	10.4	21.2	20.3	11.8	12.0	5.3	6.0	8.8
1994	0.5	3.9	11.1	22.2	18.9	11.1	11.5	5.3	6.2	9.3
1995	0.4	4.2	11.5	21.6	17.7	10.6	11.7	6.1	6.4	9.8
1996	0.4	3.6	10.9	21.7	16.8	9.9	11.2	6.1	7.1	12.3
1997	0.4	3.5	9.7	19.1	16.3	10.2	12.3	6.5	7.8	14.2
1998	0.4	3.8	10.5	20.0	15.4	9.6	11.4	6.3	7.8	14.9
1999	0.4	3.8	11.4	20.7	15.0	9.0	10.9	5.8	6.7	16.3
2000	0.4	3.4	10.7	18.8	14.9	9.2	11.8	6.5	8.8	15.5
2001	0.4	3.6	10.4	18.4	15.7	9.8	11.7	6.4	7.7	15.9
2002	0.4	3.5	10.6	17.8	14.9	9.8	11.2	6.0	8.2	17.6
2003	0.4	3.2	10.2	16.3	14.4	9.8	12.4	6.3	8.4	18.6
2004	0.4	2.9	9.6	14.5	13.6	9.2	12.3	6.5	8.3	22.5
2005	0.4	2.8	9.2	13.6	13.1	9.1	12.5	6.8	9.1	23.4
2006	0.4	2.8	9.2	13.2	12.9	9.3	12.4	7.0	10.0	22.9
2007	0.4	2.7	9.2	11.9	11.7	8.2	10.9	6.2	9.1	29.8
2008	0.5	2.7	9.2	11.7	12.8	9.0	12.5	7.1	10.3	24.2
2009	0.7	3.7	12.6	13.8	14.1	9.3	11.9	6.3	8.0	19.6
2010	0.6	3.5	12.2	13.2	13.7	9.9	13.5	6.6	8.4	18.3
2011	0.6	3.5	11.6	12.9	13.2	10.0	13.7	7.0	8.7	18.8
2012	0.6	3.3	10.6	12.1	13.3	9.7	14.0	7.0	8.9	20.4
2013	0.6	3.2	9.4	11.2	13.1	9.7	13.3	6.9	9.8	23.0
2014	0.6	3.2	8.6	10.6	13.5	10.0	13.7	6.7	9.6	23.5
2015	0.7	3.3	8.4	10.1	14.0	10.2	13.1	7.1	8.9	24.3
2016	0.7	3.2	8.1	9.5	13.8	10.7	13.2	7.3	9.4	24.2
2017	0.6	3.2	7.6	8.7	13.7	10.7	13.5	7.4	9.9	24.7
2018	0.6	3.2	7.6	8.3	13.2	10.4	13.2	7.7	10.2	25.6
2019	0.7	3.4	8.0	7.9	12.7	10.4	12.9	7.3	10.1	26.7
2020	0.6	3.2	7.8	7.2	12.2	10.6	12.8	6.8	8.9	30.0
前年度比	▲ 0.1	▲ 0.2	▲ 0.2	▲ 0.7	▲ 0.5	0.2	▲ 0.1	▲ 0.5	▲ 1.2	3.3

注:前年度比は最新年度から前年度の構成比を差引して算出

出所:国土交通省建築着工統計調査

鉄骨造 階数別着工床面積 年度別推移(構成比)

(構成比)



(注)新築工事のみ

出所:国土交通省建築着工統計調査

鉄骨造 階数別着工床面積 年度別推移

(単位:千㎡)

年度	合計	前年比	1階	前年比	構成比	2階	前年比	構成比	3～5階	前年比	構成比	6～9階	前年比	構成比	10～15階	前年比	構成比	16階～	前年比	構成比
1986	49,040	—	9,403	—	19.2%	24,687	—	50.3%	12,460	—	25.4%	1,547	—	3.2%	429	—	0.9%	514	—	1.0%
1987	57,347	16.9%	9,854	4.8%	17.2%	28,316	14.7%	49.4%	15,634	25.5%	27.3%	2,003	29.5%	3.5%	584	36.1%	1.0%	956	86.0%	1.7%
1988	66,085	15.2%	12,273	24.5%	18.6%	31,010	9.5%	46.9%	18,146	16.1%	27.5%	3,017	50.6%	4.6%	1,073	83.7%	1.6%	566	▲40.8%	0.9%
1989	73,844	11.7%	13,093	6.7%	17.7%	33,976	9.6%	46.0%	20,531	13.1%	27.8%	4,145	37.4%	5.6%	1,199	11.7%	1.6%	900	59.0%	1.2%
1990	75,180	1.8%	13,497	3.1%	18.0%	35,065	3.2%	46.6%	20,029	▲2.4%	26.6%	4,847	16.9%	6.4%	1,011	▲15.7%	1.3%	731	▲18.8%	1.0%
1991	73,287	▲2.5%	13,999	3.7%	19.1%	34,567	▲1.4%	47.2%	18,410	▲8.1%	25.1%	3,981	▲17.9%	5.4%	1,344	32.9%	1.8%	986	34.9%	1.3%
1992	68,854	▲6.0%	12,246	▲12.5%	17.8%	34,283	▲0.8%	49.8%	17,801	▲3.3%	25.9%	2,864	▲28.1%	4.2%	1,090	▲18.9%	1.6%	570	▲42.2%	0.8%
1993	60,455	▲12.2%	10,027	▲18.1%	16.6%	30,777	▲10.2%	50.9%	15,446	▲13.2%	25.5%	2,440	▲14.8%	4.0%	911	▲16.4%	1.5%	853	49.6%	1.4%
1994	59,069	▲2.3%	10,075	0.5%	17.1%	30,633	▲0.5%	51.9%	15,010	▲2.8%	25.4%	2,156	▲11.6%	3.6%	790	▲13.3%	1.3%	405	▲52.5%	0.7%
1995	62,420	5.7%	10,623	5.4%	17.0%	31,761	3.7%	50.9%	16,166	7.7%	25.9%	2,812	30.4%	4.5%	474	▲40.0%	0.8%	583	44.0%	0.9%
1996	68,453	9.7%	10,904	2.6%	15.9%	34,851	9.7%	50.9%	18,721	15.8%	27.3%	2,924	4.0%	4.3%	641	35.2%	0.9%	412	▲29.3%	0.6%
1997	59,753	▲12.7%	10,601	▲2.8%	17.7%	28,913	▲17.0%	48.4%	16,102	▲14.0%	26.9%	2,614	▲10.6%	4.4%	687	7.2%	1.1%	836	102.9%	1.4%
1998	51,196	▲14.3%	9,142	▲13.8%	17.9%	25,172	▲12.9%	49.2%	13,474	▲16.3%	26.3%	2,321	▲11.2%	4.5%	823	19.8%	1.6%	263	▲68.5%	0.5%
1999	50,417	▲1.5%	8,387	▲8.3%	16.6%	24,629	▲2.2%	48.9%	13,764	2.2%	27.3%	2,016	▲13.1%	4.0%	641	▲22.1%	1.3%	980	272.6%	1.9%
2000	50,627	0.4%	9,343	11.4%	18.5%	24,466	▲0.7%	48.3%	13,041	▲5.3%	25.8%	2,396	18.8%	4.7%	579	▲9.7%	1.1%	802	▲18.2%	1.6%
2001	46,032	▲9.1%	8,121	▲13.1%	17.6%	21,329	▲12.8%	46.3%	12,085	▲7.3%	26.3%	2,462	2.8%	5.3%	1,135	96.0%	2.5%	900	12.2%	2.0%
2002	44,904	▲2.5%	8,309	2.3%	18.5%	20,856	▲2.2%	46.4%	11,782	▲2.5%	26.2%	1,842	▲25.2%	4.1%	889	▲21.7%	2.0%	1,226	36.2%	2.7%
2003	48,036	7.0%	9,359	12.6%	19.5%	21,426	2.7%	44.6%	11,922	1.2%	24.8%	2,616	42.0%	5.4%	1,083	21.8%	2.3%	1,631	33.0%	3.4%
2004	50,624	5.4%	10,029	7.2%	19.8%	22,119	3.2%	43.7%	13,931	16.8%	27.5%	2,195	▲16.1%	4.3%	775	▲28.4%	1.5%	1,576	▲3.4%	3.1%
2005	49,914	▲1.4%	9,529	▲5.0%	19.1%	22,594	2.1%	45.3%	13,420	▲3.7%	26.9%	2,353	7.2%	4.7%	974	25.7%	2.0%	1,044	▲33.7%	2.1%
2006	49,515	▲0.8%	9,300	▲2.4%	18.8%	22,442	▲0.7%	45.3%	13,420	▲0.0%	27.1%	2,852	21.2%	5.8%	1,087	11.7%	2.2%	415	▲60.2%	0.8%
2007	45,310	▲8.5%	8,320	▲10.5%	18.4%	18,465	▲17.7%	40.8%	13,229	▲1.4%	29.2%	2,334	▲18.2%	5.2%	1,811	66.5%	4.0%	1,152	177.5%	2.5%
2008	41,826	▲15.5%	7,893	▲15.1%	18.9%	17,736	▲21.0%	42.4%	11,356	▲15.4%	27.2%	2,007	▲29.6%	4.8%	1,427	31.2%	3.4%	1,407	238.9%	3.4%
2009	28,193	▲32.6%	5,962	▲24.5%	21.1%	13,016	▲26.6%	46.2%	6,140	▲45.9%	21.8%	1,225	▲38.9%	4.3%	911	▲36.1%	3.2%	938	▲33.3%	3.3%
2010	30,353	7.7%	6,346	6.4%	20.9%	14,019	7.7%	46.2%	6,735	9.7%	22.2%	1,243	1.4%	4.1%	774	▲15.1%	2.5%	1,236	31.8%	4.1%
2011	30,446	0.3%	6,277	▲1.1%	20.6%	13,954	▲0.5%	45.8%	7,487	11.2%	24.6%	1,464	17.8%	4.8%	657	▲15.0%	2.2%	607	▲50.9%	2.0%
2012	34,679	13.9%	7,313	16.5%	21.1%	15,199	8.9%	43.8%	9,154	22.3%	26.4%	1,146	▲21.7%	3.3%	828	25.9%	2.4%	1,039	71.1%	3.0%
2013	39,056	12.6%	7,564	3.4%	19.4%	15,870	4.4%	40.6%	11,532	26.0%	29.5%	2,737	138.9%	7.0%	1,007	21.7%	2.6%	346	▲66.7%	0.9%
2014	36,746	▲5.9%	7,414	▲2.0%	20.2%	14,684	▲7.5%	40.0%	11,000	▲4.6%	29.9%	1,870	▲31.7%	5.1%	951	▲5.6%	2.6%	828	139.5%	2.3%
2015	36,213	▲1.4%	7,136	▲3.7%	19.7%	14,103	▲4.0%	38.9%	10,431	▲5.2%	28.8%	1,826	▲2.3%	5.0%	901	▲5.3%	2.5%	1,817	119.6%	5.0%
2016	37,340	3.1%	7,325	2.6%	19.6%	14,332	1.6%	38.4%	10,800	3.5%	28.9%	1,864	2.1%	5.0%	1,077	19.6%	2.9%	1,941	6.8%	5.2%
2017	37,511	0.5%	7,713	5.3%	20.6%	13,736	▲4.2%	36.6%	10,723	▲0.7%	28.6%	2,363	26.8%	6.3%	1,391	29.1%	3.7%	1,586	▲18.3%	4.2%
2018	36,906	▲1.6%	7,599	▲1.5%	20.6%	13,496	▲1.7%	36.6%	11,217	4.6%	30.4%	1,948	▲17.6%	5.3%	1,569	12.8%	4.3%	1,076	▲32.1%	2.9%
2019	34,227	▲7.3%	6,650	▲12.5%	19.4%	12,060	▲10.6%	35.2%	10,063	▲10.3%	29.4%	2,004	2.9%	5.9%	1,524	▲2.9%	4.5%	1,925	78.8%	5.6%
2020	30,991	▲9.5%	6,253	▲6.0%	20.2%	10,328	▲14.4%	33.3%	9,960	▲1.0%	32.1%	1,496	▲25.4%	4.8%	1,064	▲30.2%	3.4%	1,890	▲1.8%	6.1%

(注)新築工事のみ

出所:国土交通省建築着工統計調査