

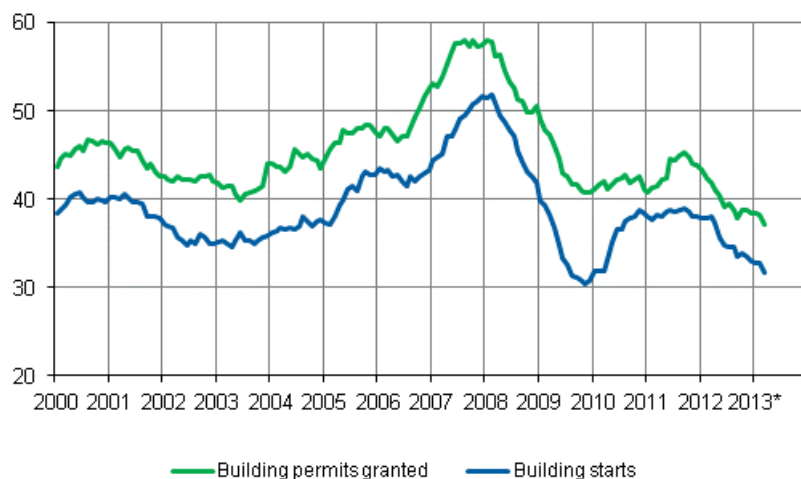
# Building and dwelling production

2013 March, 1st quarter

## Cubic volume covered by granted building permits fell by over 3 per cent in the first quarter of 2013 from last year

According to the preliminary data of Statistics Finland's statistics on building and dwelling production, in the first quarter of 2013 building permits were granted for a total of 6.3 million cubic metres, which is 3.1 per cent less than one year ago. The cubic volume covered by permits granted for residential buildings fell by 8.5 per cent over the same period.

### Building permits granted and building starts, mil. m3, variable annual sum



In the release the data indicated with an asterisk (\*) are preliminary data.

## Cubic volume covered by granted building permits decreased by nearly 16 per cent in March

In March 2013, building permits were granted for a total of 2.3 million cubic metres, which is 15.7 per cent less than one year earlier. This is indicated by Statistics Finland's preliminary data from statistics on building and dwelling production.

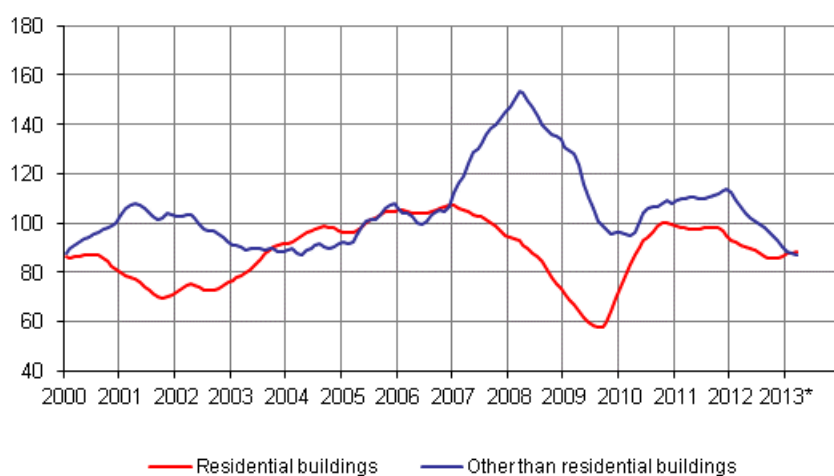
The cubic volume covered by permits granted for residential buildings decreased by 23.6 per cent in March. The cubic volume covered by permits granted for other than residential buildings fell by 12 per cent from one year ago.

***The volume of newbuilding went down in March by over 12 per cent from one year back***

In March 2013, the constant-price value of the volume of ongoing building production decreased by 12.1 per cent year-on-year.

The volume of construction of residential buildings decreased by 3.6 per cent and that of other than residential building construction by 19.5 per cent from one year back.

**Volume index for newbuilding 2005=100, trend**



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# Appendix tables

**Appendix table 1. Building permits, 1000 m3**

Building type	3/2013*	Annual change% <sup>1)</sup>	1-3/2013*	Annual change% <sup>1)</sup>	Variable annual sum*	Annual change% <sup>1)</sup>
All buildings	2 317	-16	6 301	-3	37 149	-9
Residential buildings	679	-24	2 022	-8	12 121	-10
Free-time residential buildings	60	-19	136	-17	923	-16
Commercial and office buildings	542	6	1 215	13	6 579	1
Public service buildings	78	-47	238	-52	3 012	12
Industrial and warehouse buildings	464	-25	1 456	10	7 962	-20
Agricultural buildings	318	1	828	5	3 590	-8
Other buildings	177	-11	405	-9	2 961	-5

1) Change percentages for the year on which data are preliminary have been calculated using the preliminary data of corresponding level from the previous year.

**Appendix table 2. Building permits monthly, 1000 m3**

	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings	
2010	41 208	13 956	1 303	7 096	3 124	8 217	4 354	
2011	43 801	14 167	1 136	7 189	2 750	11 164	4 173	
2012	38 420	12 768	973	6 581	3 347	8 057	3 629	
	III	3 435	1 165	86	601	173	808	367
	IV	3 592	1 411	106	409	357	692	332
	V	4 285	1 518	124	488	395	949	379
	VI	6 490	1 798	122	1 667	677	1 401	316
	VII	2 328	751	78	627	71	368	203
	VIII	2 907	1 174	79	279	210	573	264
	IX	2 903	1 000	77	328	158	768	342
	X	3 687	1 102	90	747	393	768	332
	XI	2 668	900	66	475	154	554	332
	XII	1 986	446	45	344	360	433	262
2013*	I	1 759	519	32	360	47	458	238
	II	2 225	824	44	314	113	534	272
	III	2 317	679	60	542	78	464	318

**Appendix table 3. Building permits for dwellings, No.**

Building type	3/2013*	Annual change%	1-3/2013*	Annual change%	Variable annual sum*	Annual change%
All buildings	1 768	-27	5 571	0	30 588	-7
Detached houses	587	-28	1 331	-26	9 359	-17
Attached houses	177	-7	625	6	3 971	-5
Blocks of flats	898	-16	3 471	25	16 794	2
Other than residential buildings	106	-70	144	-66	464	-54

**Appendix table 4. Building permits by region**

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
	1-3/2013*	1-3/2012	1-3/2013*	1-3/2012	1-3/2013*	1-3/2012
All regions	6 301	7 571	5 571	6 728	684	887
Continental Finland	6 286	7 533	5 566	6 712	675	875
Uusimaa	1 569	2 337	1 992	2 737	57	63
Metropolitan area	1 254	1 653	1 708	1 943	6	3
Varsinais-Suomi	460	529	284	232	87	102
Satakunta	189	324	67	136	21	23
Kanta-Häme	94	197	73	120	9	29
Pirkanmaa	613	531	763	713	52	69
Päijät-Häme	300	311	472	353	36	27
Kymenlaakso	332	178	113	53	29	30
South Karelia	173	109	62	45	13	46
Etelä-Savo	425	234	69	121	71	101
Pohjois-Savo	253	326	176	176	46	45
North Karelia	210	193	215	140	26	46
Central Finland	200	323	200	395	50	49
South Ostrobothnia	343	458	160	273	11	33
Ostrobothnia	286	321	170	322	50	35
Central Ostrobothnia	128	211	116	60	6	2
North Ostrobothnia	484	644	478	681	39	72
Kainuu	36	125	12	48	21	27
Lapland	192	182	144	107	51	76
Åland	14	38	5	16	9	12

**Appendix table 5. Volume index of newbuilding 2005=100**

	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings
2010	96,9	91,4	112,1	119,1	118,7	75,0	94,7
2011	104,0	97,7	102,2	126,6	110,2	102,1	95,8
2012	94,1	88,5	89,0	119,5	105,7	82,0	88,5
III	85,4	77,1	66,8	125,9	103,1	87,5	66,9
IV	82,5	74,7	60,8	121,4	100,2	81,4	61,4
V	85,3	76,6	66,9	119,6	102,9	78,5	70,6
VI	90,8	81,4	78,0	118,9	112,8	74,9	84,9
VII	94,2	85,2	92,7	118,4	107,8	74,8	91,4
VIII	99,5	92,7	107,3	116,9	110,0	78,0	102,2
IX	102,4	98,8	114,9	116,0	109,2	79,2	107,4
X	102,5	102,2	115,3	113,6	101,2	79,0	107,0
XI	99,8	100,6	103,7	114,6	104,1	74,7	101,9
XII	91,6	92,7	86,2	107,4	101,7	71,1	88,2
2013* I	89,3	90,5	83,2	103,5	105,7	71,0	82,2
II	80,5	79,8	66,4	97,7	105,7	68,6	64,7
III	75,1	74,3	54,0	94,1	98,4	64,0	58,1

**Appendix table 6. Newbuilding 1. quarter, 2013\*, mil. m3**

Building type	Building permits granted		Building starts		Building completions	
	1. quarter	%-change 2012/2013 <sup>1)</sup>	1. quarter	%-change 2012/2013	1. quarter	%-change 2012/2013 <sup>1)</sup>
All buildings	6,30	-3	4,40	-23	6,23	-24
Residential buildings	2,02	-8	1,94	13	2,43	-4
Free-time residential buildings	0,14	-17	0,08	-27	0,12	-14
Commercial and office buildings	1,22	13	0,76	-41	0,81	-45
Public service buildings	0,24	-52	0,30	-35	0,29	-56
Industrial and warehouse buildings	1,46	10	0,77	-51	1,43	-37
Agricultural buildings	0,83	5	0,34	4	0,71	1
Non-residential buildings	0,40	-9	0,22	-28	0,44	1

1) Change percentages for the year on which data are preliminary have been calculated using the preliminary data of corresponding level from the previous year.

**Appendix table 7. Building permits, mil. m3**

Year and quarter	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings
2004	43,44	15,01	1,39	5,69	2,80	10,92	4,16
2005	47,64	16,37	1,45	6,13	2,75	12,75	4,62
2006	52,48	16,27	1,51	10,38	2,29	12,98	5,32
2007	57,40	14,89	1,54	12,53	2,62	16,71	5,50
2008	50,55	11,74	1,46	9,19	3,06	16,31	5,36
2009	40,80	10,76	1,22	8,71	3,68	8,16	5,23
2010	41,21	13,96	1,30	7,10	3,12	8,22	4,35
2011	43,80	14,17	1,14	7,19	2,75	11,16	4,17
2012	38,42	12,77	0,97	6,58	3,35	8,06	3,63
I	7,57	2,67	0,19	1,22	0,57	1,55	0,87
II	14,37	4,73	0,35	2,56	1,43	3,04	1,03
III	8,14	2,92	0,23	1,23	0,44	1,71	0,81
IV	8,34	2,45	0,20	1,57	0,91	1,76	0,93
2013* I	6,30	2,02	0,14	1,22	0,24	1,46	0,83

**Appendix table 8. Building starts, mil. m3**

Year and quarter	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings
2004	37,69	13,51	1,09	5,46	3,12	8,78	3,35
2005	42,70	14,98	1,16	5,77	2,38	11,80	3,98
2006	43,25	15,10	1,16	8,20	1,92	9,97	4,23
2007	51,67	13,51	1,26	12,18	2,42	15,17	4,48
2008	41,87	10,57	1,14	8,52	3,08	12,54	3,54
2009	31,50	9,20	0,98	5,82	2,93	6,58	3,63
2010	38,37	13,59	1,16	6,42	3,08	7,90	3,73
2011	38,03	12,87	1,01	6,91	2,60	8,93	3,10
2012	33,01	11,63	0,83	5,75	2,65	6,88	2,91
I	5,75	1,72	0,11	1,27	0,46	1,56	0,33
II	11,30	4,53	0,33	1,89	0,77	1,73	1,22
III	9,38	3,21	0,27	1,21	0,83	2,22	0,84
IV	6,57	2,17	0,13	1,38	0,58	1,37	0,52
2013*	I	4,40	1,94	0,08	0,76	0,77	0,34

**Appendix table 9. Building completions, mil. m3**

Year and quarter	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings
2004	35,13	12,37	0,99	5,20	2,88	8,25	3,44
2005	38,59	14,41	1,06	6,04	2,10	9,12	3,75
2006	39,00	14,70	1,04	5,61	3,44	8,15	3,93
2007	45,30	15,47	1,15	8,44	1,87	11,76	4,24
2008	48,69	13,61	1,25	10,87	2,44	13,59	4,35
2009	38,64	9,95	1,15	8,55	2,44	10,66	3,45
2010	33,00	10,58	1,09	5,80	2,51	6,97	3,81
2011	35,93	12,78	1,06	5,95	3,43	6,80	3,40
2012	40,22	12,51	1,01	7,25	2,97	10,92	3,09
I	10,19	2,80	0,17	1,69	0,70	3,50	0,84
II	9,87	3,56	0,27	1,72	0,78	2,42	0,54
III	7,93	2,79	0,32	2,01	0,60	0,99	0,53
IV	12,23	3,36	0,26	1,83	0,89	4,01	1,18
2013*	I	6,23	2,43	0,12	0,81	1,43	0,71

**Appendix table 10. Volume index of newbuilding 2005=100**

Year and quarter	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings
2004	93,0	96,2	88,8	93,8	104,2	79,4	85,3
2005	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2006	103,9	104,6	101,1	112,9	93,1	101,6	99,9
2007	115,7	101,7	113,2	179,0	77,3	134,3	111,7
2008	113,4	85,5	112,8	194,7	97,7	157,4	93,3
2009	85,7	62,9	96,5	131,8	110,0	102,7	95,2
2010	96,9	91,4	112,1	119,1	118,7	75,0	94,7
2011	104,0	97,7	102,2	126,6	110,2	102,1	95,8
2012	94,1	88,5	89,0	119,5	105,7	82,0	88,5
I	93,7	85,6	80,6	129,0	106,3	97,6	82,3
II	86,2	77,6	68,5	120,0	105,3	78,3	72,3
III	98,7	92,2	105,0	117,1	109,0	77,3	100,4
IV	97,9	98,5	101,7	111,9	102,3	75,0	99,0
2013* I	81,6	81,5	67,9	98,4	103,3	67,8	68,3

**Appendix table 11. Dwelling construction by building type 2004-2013, number, building permits and building starts**

	Building permits				Starts			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2004	35 046	15 999	5 129	13 471	32 380	14 180	4 902	12 947
2005	37 135	17 327	6 182	13 455	34 275	16 411	5 435	12 100
2006	36 370	17 025	5 691	12 827	33 997	15 671	5 478	12 354
2007	33 609	15 498	4 553	13 022	30 769	14 466	4 086	11 623
2008	27 061	11 636	3 558	11 322	23 476	11 255	2 794	8 854
2009	27 513	9 650	2 728	14 181	23 130	8 915	2 111	11 389
2010	33 642	12 221	3 857	16 715	33 712	12 104	3 822	16 907
2011	34 529	11 724	4 494	17 676	31 476	11 032	3 919	16 140
2012	31 745	10 104	4 048	16 933	28 818	9 237	3 765	15 332
I	6 728	2 076	702	3 610	4 410	1 218	389	2 782
II	11 140	3 923	1 470	5 667	11 094	3 602	1 438	5 722
III	7 379	2 342	1 059	3 876	7 767	2 777	1 167	3 732
IV	6 498	1 763	817	3 780	5 547	1 640	771	3 096
2013* I	5 571	1 331	625	3 471	5 167	1 084	440	3 629

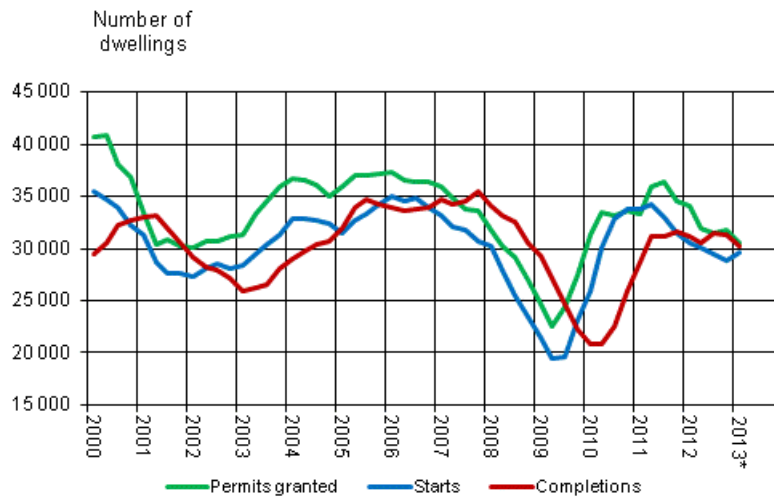


**Appendix table 12. Dwelling constructions by building type 2004-2013, number, buildings under construction and building completions**

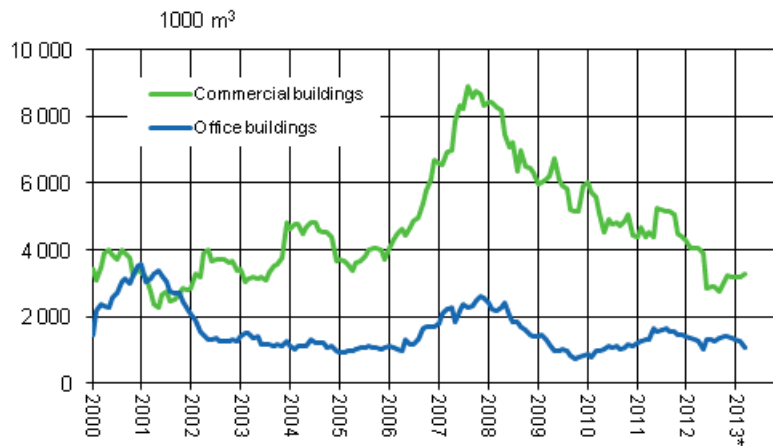
	Under construction				Completions			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2004	39 448	20 159	5 221	13 348	30 662	12 798	4 651	12 949
2005	33 847	17 443	4 271	11 617	34 177	15 393	5 453	12 908
2006	35 327	17 375	4 541	12 720	33 885	16 153	5 459	11 945
2007	32 375	16 174	3 606	11 829	35 543	16 210	5 366	13 407
2008	27 113	13 578	2 531	10 110	30 542	14 471	4 094	11 430
2009	28 515	11 893	2 418	13 306	22 201	10 620	2 325	8 493
2010	36 380	13 040	3 418	18 856	25 894	10 484	2 867	11 762
2011	38 057	13 838	3 789	19 462	31 674	11 254	3 724	16 139
2012	36 470	13 342	4 014	18 346	31 393	9 961	3 718	17 078
I	36 715	12 909	3 771	19 303	6 914	2 501	612	3 586
II	39 059	13 615	3 845	20 663	8 672	2 843	1 351	4 353
III	39 496	14 228	3 988	20 494	7 266	2 103	1 023	3 901
IV	36 470	13 342	4 014	18 346	8 541	2 514	732	5 238
2013* I	35 004	11 987	3 724	18 537	5 685	2 164	645	2 855

# Appendix figures

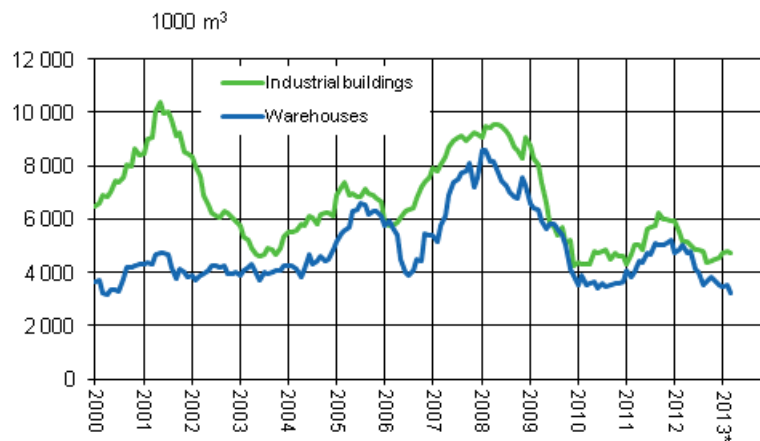
**Appendix figure 1. Housing production, sliding annual sum**



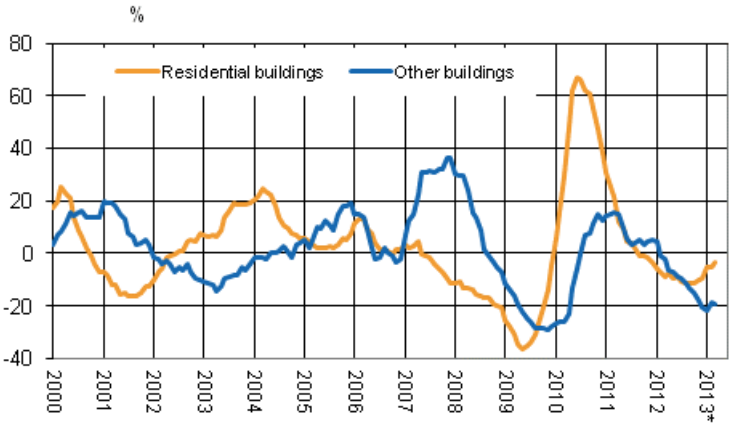
**Appendix figure 2. Office and commercial buildings, sliding annual sum**



**Appendix figure 3. Industrial buildings and warehouses, sliding annual sum**



**Appendix figure 4. Volume index for newbuilding 2005=100, annual change %**



## Revisions in these statistics

The data of the statistics have become revised according to the table below. For more information about data revisions, see Section 3 of the quality description (only in Finnish).

### Revision of annual changes in granted building permits <sup>1)</sup>

Reference period	Year-on-year change,%		Revision, percentage point
	1st release	Latest release (2013-05-31)	
2012/01	-25,4	-22,2	3,2
2012/02	-34,4	-26,0	8,4
2012/03	-23,9	-16,1	7,8
2012/04	-23,3	-16,4	6,9
2012/05	-13,9	-15,3	-1,4
2012/06	-13,4	-16,0	-2,6
2012/07	2,8	15,6	12,8
2012/08	-19,6	-19,4	0,2
2012/09	-26,4	-23,0	3,4
2012/10	26,0	35,9	9,9
2012/11	-8,2	-2,0	6,2
2012/12	-18,6	-14,6	4,0
2013/01	6,0	9,0	3,0
2013/02	8,1	4,0	-4,1

1) The 1st release refers to the time when data for the reference period were released for the first time. The revision describes the difference of annual change percentages between the first and latest release.

### Revision of annual changes in the volume index of newbuilding <sup>1)</sup>

Reference period	Year-on-year change,%		Revision, percentage point
	1st release	Latest release (2013-05-31)	
2012/01	1,1	-0,6	-1,7
2012/02	-1,5	-4,0	-2,5
2012/03	-3,1	-5,4	-2,3
2012/04	-5,1	-7,1	-2,0
2012/05	-4,5	-8,4	-3,9
2012/06	-4,3	-9,1	-4,8
2012/07	-7,8	-10,3	-2,5
2012/08	-10,3	-11,3	-1,0
2012/09	-10,9	-12,2	-1,3
2012/10	-11,4	-13,0	-1,6
2012/11	-12,5	-14,1	-1,6
2012/12	-13,4	-15,0	-1,6
2013/01	-12,8	-13,9	-1,1
2013/02	-12,1	-12,5	-0,4

1) The 1st release refers to the time when data for the reference period were released for the first time. The revision describes the difference of annual change percentages between the first and latest release.

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Source: Building and dwelling production, Statistics Finland