

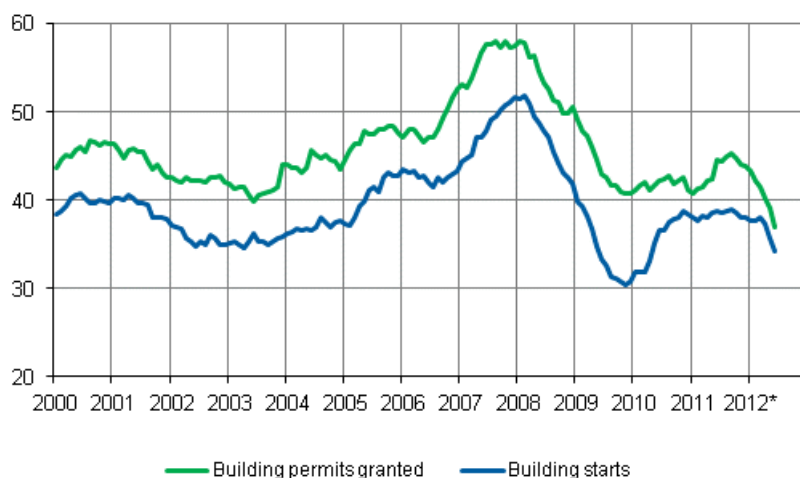
# Building and dwelling production

2012 June, 2nd quarter

## Cubic volume covered by granted building permits fell by 16 per cent in the second quarter of 2012

According to the preliminary data of Statistics Finland's statistics on building and dwelling production, in the April to June period of 2012 building permits were granted for a total of 12.5 million cubic metres, which is 16.4 per cent less than one year ago. The cubic volume covered by permits granted for residential buildings fell by 15 per cent over the same period.

### Granted permits and building starts, mil. m<sup>3</sup>, variable annual sum



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

## Cubic volume covered by granted building permits decreased by 13 per cent in June

In June 2012, building permits were granted for a total of 5.5 million cubic metres, which is 13.4 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 16.6 per cent in June. The biggest decrease of 22 per cent was recorded in the cubic volume covered by permits for residential

blocks of flats. The cubic volume covered by permits for detached houses decreased by 13.5 per cent and that for terraced houses by 9.8 per cent.

The cubic volume covered by permits granted for other than residential buildings was 12.1 per cent lower this June than in June 2011.

The cubic volume covered by permits granted for industrial and warehouse buildings decreased by 33.7 per cent. The growth in the cubic volume covered by permits for commercial and office buildings amounted to 21.9 per cent in June compared with one year back.

In June 2012, building permits were granted for 3,865 dwellings, which is 17.1 per cent less than one year earlier. The number of permits granted for dwellings in terraced houses fell most.

### ***Volume of newbuilding went down by good 4 per cent in June***

In June 2012, the constant-price value or the volume of ongoing building production decreased by 4.3 per cent year-on-year. The volume of residential building construction contracted by 2.1 per cent from June 2011.

The growth in the volume of residential building slowed down from spring 2011 onwards and started to fall in the autumn of that year. The volume of detached houses has particularly decreased.

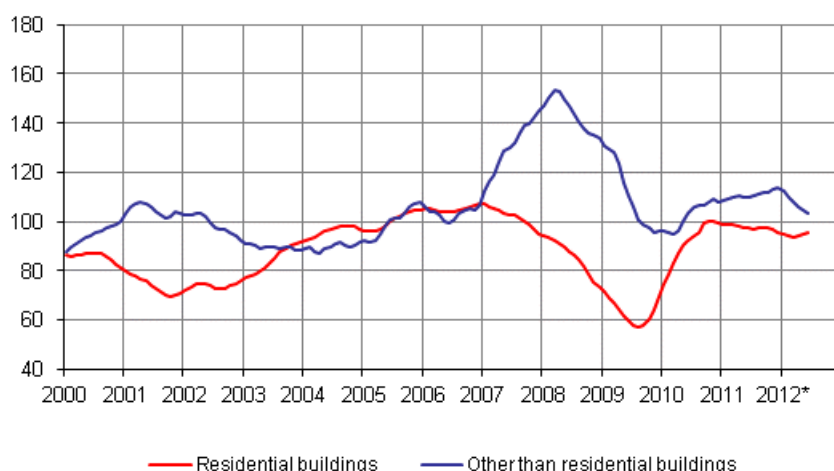
In June, the volume of construction of detached houses diminished by five per cent from one year back. At the same time, the volume of construction of residential blocks of flats grew by 1.2 per cent and the volume of construction of terraced houses by 1.8 per cent.

The volume of other than residential building construction went down by 6.3 per cent in June.

The volume of construction of industrial and warehouse buildings diminished most, or by 24.5 per cent from one year ago. The volume of construction of commercial and office buildings fell by 3.4 per cent over the same period.

The volume of public service building construction grew by 1.4 per cent in June from last year's June.

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



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# Appendix tables

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

Building type	6/2012*	Annual change% <sup>1)</sup>	1-6/2012*	Annual change% <sup>1)</sup>	Variable annual sum*	Annual change% <sup>1)</sup>
All buildings	5 501	-13	19 713	-18	36 869	-12
Residential buildings	1 571	-17	6 783	-12	12 553	-10
Free-time residential buildings	95	-29	490	-13	989	-12
Commercial and office buildings	1 608	22	3 617	-19	5 870	-23
Public service buildings	389	-2	1 413	6	2 707	8
Industrial and warehouse buildings	1 200	-34	4 120	-33	8 475	-13
Agricultural buildings	235	-34	1 744	-21	3 403	-15
Other buildings	404	-11	1 546	-7	2 872	-6

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
2009	40 804	10 755	1 221	8 714	3 681	8 161	5 227
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
VI	7 723	2 121	168	1 681	444	2 281	473
VII	2 014	783	90	261	55	449	149
VIII	3 607	1 187	97	452	242	1 120	232
IX	3 772	1 299	107	376	287	1 103	324
X	2 713	959	83	465	233	452	296
XI	2 723	855	79	300	311	671	322
XII	2 327	687	43	400	166	560	337
2012*							
I	1 702	667	40	285	87	268	246
II	2 257	772	57	298	282	463	234
III	3 227	1 118	83	573	170	698	356
IV	3 183	1 289	99	404	193	617	316
V	3 843	1 367	116	448	292	873	358
VI	5 501	1 571	95	1 608	389	1 200	235

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

Building type	6/2012*	Annual change%	1-6/2012*	Annual change%	Variable annual sum*	Annual change%
All buildings	3 865	-17	16 381	-14	30 517	-12
Detached houses	1 240	-14	5 374	-13	10 164	-11
Attached houses	468	-20	1 991	-16	3 838	-3
Blocks of flats	2 121	-10	8 623	-15	15 902	-14
Other than residential buildings	36	-86	393	-5	613	-19

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

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
	1-6/2012*	1-6/2011	1-6/2012*	1-6/2011	1-6/2012*	1-6/2011
All regions	19 713	26 645	16 381	20 393	2 337	2 924
Continental Finland	19 688	26 526	16 366	20 268	2 331	2 871
Uusimaa	5 896	7 091	6 021	7 193	182	199
Metropolitan area	4 404	4 538	4 619	4 959	7	27
Varsinais-Suomi	1 794	2 139	848	1 589	246	302
Satakunta	625	757	282	540	50	76
Kanta-Häme	410	1 307	296	531	69	84
Pirkanmaa	1 482	2 274	1 566	2 223	163	202
Päijät-Häme	663	677	613	523	75	129
Kymenlaakso	627	920	216	415	69	92
South Karelia	301	568	246	376	101	112
Etelä-Savo	501	677	269	340	269	277
Pohjois-Savo	894	1 466	733	577	126	155
North Karelia	595	635	672	552	105	110
Central Finland	1 039	1 074	891	1 171	164	210
South Ostrobothnia	1 104	1 307	840	731	77	85
Ostrobothnia	931	1 291	730	623	117	189
Central Ostrobothnia	250	277	134	213	23	54
North Ostrobothnia	1 690	2 336	1 295	1 917	169	228
Kainuu	248	263	102	171	95	94
Lapland	636	1 467	612	583	231	273
Åland	24	118	15	125	6	53

**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
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
VI	99,9	89,5	91,0	122,1	113,7	99,4	83,4
VII	105,0	95,8	108,7	122,7	104,5	102,4	95,8
VIII	112,2	104,3	126,9	129,8	106,6	107,8	109,8
IX	116,6	111,2	136,2	129,8	105,6	111,7	119,6
X	117,8	115,0	135,9	125,4	105,6	111,9	124,3
XI	116,2	111,9	123,9	132,3	110,0	113,9	117,5
XII	107,8	102,2	106,1	131,0	107,0	109,0	106,7
2012*							
I	104,4	96,8	100,8	136,2	106,3	108,7	100,1
II	93,1	86,0	83,5	122,4	105,5	98,9	80,7
III	86,8	78,7	72,2	124,1	103,4	89,1	67,7
IV	84,5	77,1	67,1	118,8	101,3	83,0	65,0
V	88,5	80,2	73,3	118,8	105,6	80,1	74,3
VI	95,6	87,6	85,3	118,0	115,3	75,0	92,4

**Appendix table 6. Newbuilding 2. quarter, 2012\*, mil. m3**

Building type	Building permits granted		Building starts		Building completions	
	2. quarter	%-change 2011/2012 <sup>1)</sup>	2. quarter	%-change 2011/2012	2. quarter	%-change 2011/2012 <sup>1)</sup>
All buildings	12,53	-16	10,82	-27	8,76	6
Residential buildings	4,23	-15	4,61	-3	3,22	-10
Free-time residential buildings	0,31	-17	0,30	-27	0,22	-1
Commercial and office buildings	2,46	-11	1,93	-34	1,52	69
Public service buildings	0,87	3	0,58	-37	0,69	-13
Industrial and warehouse buildings	2,69	-27	1,38	-61	2,26	20
Agricultural buildings	0,91	-23	1,23	-2	0,38	-5
Non-residential buildings	1,06	-10	0,79	-16	0,46	-9

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	
2003	43,98	14,74	1,29	7,57	3,29	9,57	4,27	
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	
	I	9,57	2,92	0,20	1,73	0,56	2,54	1,07
	II	17,08	5,48	0,43	3,21	0,90	4,27	1,44
	III	9,39	3,27	0,29	1,09	0,59	2,67	0,70
	IV	7,76	2,50	0,20	1,17	0,71	1,68	0,95
2012*	I	7,19	2,56	0,18	1,16	0,54	1,43	0,84
	II	12,53	4,23	0,31	2,46	0,87	2,69	0,91

**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
2003	35,91	12,66	0,99	5,94	2,73	7,83	3,60
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
I	5,66	2,09	0,11	1,48	0,28	1,11	0,31
II	14,73	4,76	0,41	2,94	0,91	3,50	1,26
III	10,53	3,55	0,32	1,63	0,63	2,50	1,02
IV	7,11	2,48	0,17	0,85	0,79	1,83	0,51
2012*	5,73	1,65	0,11	1,29	0,45	1,60	0,34
II	10,82	4,61	0,30	1,93	0,58	1,38	1,23

**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
2003	34,71	10,98	0,99	4,93	3,55	8,62	3,92
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
I	8,54	3,05	0,18	2,17	0,54	1,23	0,89
II	8,73	3,70	0,27	1,00	0,62	2,03	0,50
III	7,75	2,64	0,33	0,87	1,12	1,34	0,75
IV	10,92	3,39	0,28	1,91	1,15	2,21	1,26
2012*	9,82	2,71	0,16	1,65	0,68	3,42	0,74
II	8,76	3,22	0,22	1,52	0,69	2,26	0,38

**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
2003	86,8	84,4	82,7	93,2	115,5	75,4	94,1
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
I	96,8	92,1	86,1	126,4	117,9	93,2	85,0
II	93,9	85,0	76,9	122,9	110,0	96,3	73,8
III	111,3	103,7	123,9	127,4	105,6	107,3	108,4
IV	113,9	109,7	122,0	129,5	107,5	111,6	116,2
2012*							
I	94,8	87,1	85,5	127,6	105,1	98,9	82,8
II	89,5	81,6	75,3	118,5	107,4	79,4	77,2

**Appendix table 11. Dwelling construction by building type 2003-2012, 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
2003	35 923	14 919	5 821	14 713	31 377	13 078	4 899	13 042
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
I	7 214	2 277	885	4 016	5 386	1 436	610	3 264
II	13 179	4 657	1 762	6 381	11 476	4 328	1 446	5 587
III	7 937	2 783	968	4 043	8 453	3 261	1 113	3 980
IV	6 199	2 007	879	3 236	6 161	2 007	750	3 309
2012*								
I	6 367	1 975	692	3 403	4 314	1 175	393	2 658
II	10 014	3 399	1 299	5 220	11 280	3 615	1 494	5 864

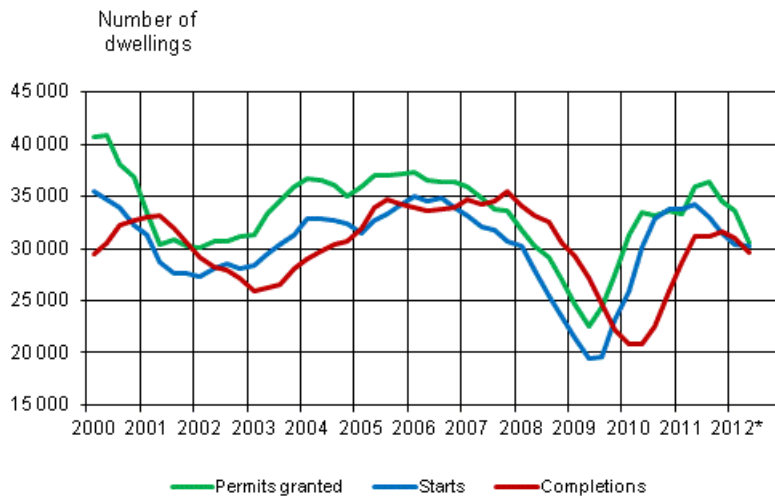


**Appendix table 12. Dwelling constructions by building type 2003-2012, number, buildings under construction and building completions**

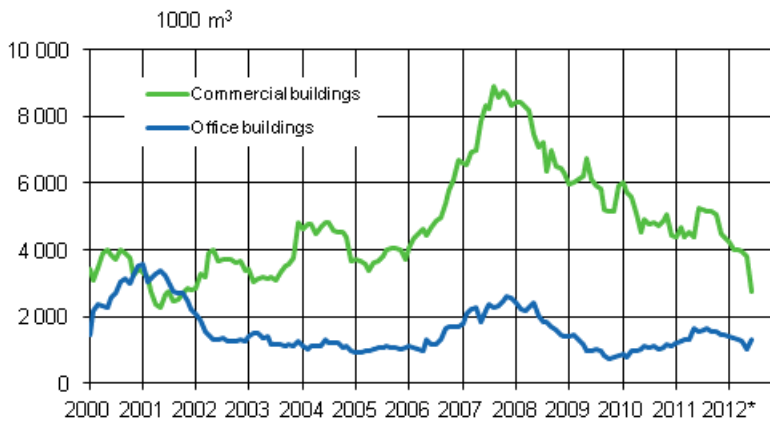
	Under construction				Completions			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2003	38 041	19 267	4 878	13 211	28 101	10 807	4 303	12 557
2004	39 448	20 159	5 221	13 348	30 662	12 798	4 651	12 949
2005	33 847	17 443	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
I	36 492	12 795	3 414	19 083	7 349	2 845	838	3 648
II	38 619	13 632	3 517	20 371	9 289	3 436	1 340	4 299
III	40 524	14 547	3 753	21 211	6 445	2 281	839	3 140
IV	38 057	13 838	3 789	19 462	8 591	2 692	707	5 052
2012* I	35 975	12 727	3 671	18 672	6 631	2 380	595	3 530
II	37 207	13 015	3 640	19 550	7 995	2 479	1 221	4 121

# Appendix figures

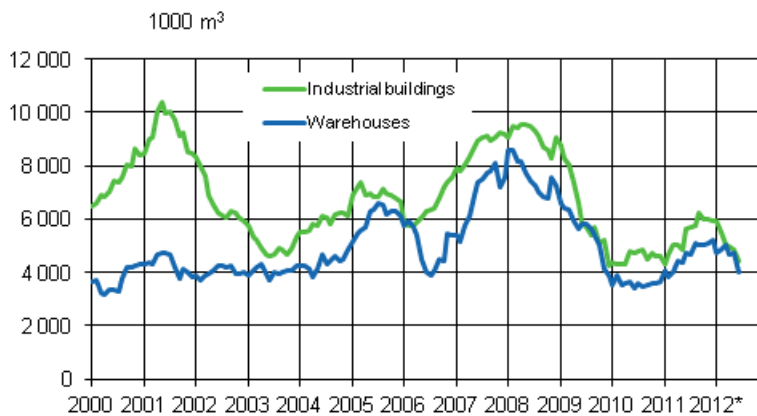
**Appendix figure 1. Housing production, sliding annual sum**



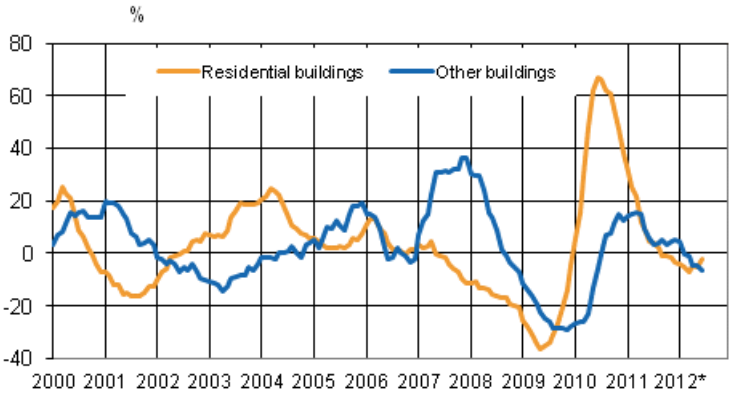
**Appendix figure 2. Office and commercial buildings, sliding annual sum**



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



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



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Suomen virallinen tilasto  
Finlands officiella statistik  
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Construction 2012

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Source: Building and dwelling production, Statistics Finland