

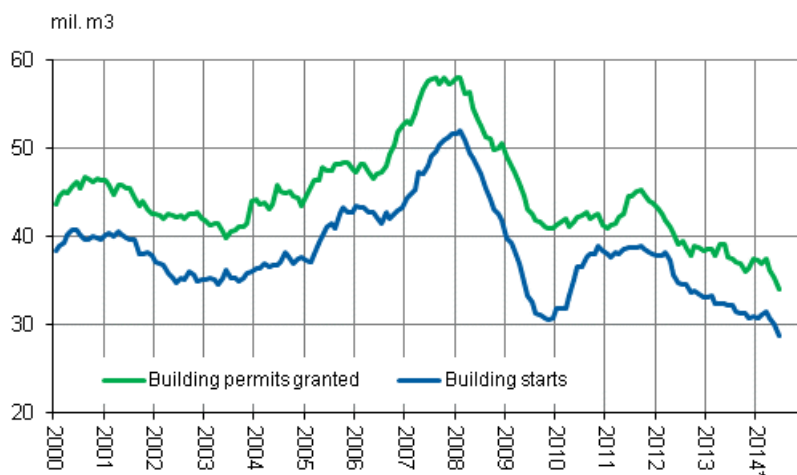
# Building and dwelling production

2014 June, 2nd quarter

## Cubic volume covered by granted building permits declined by 11 per cent in the second quarter

According to the preliminary data of Statistics Finland's statistics on building and dwelling production, in the second quarter of 2014, building permits were granted for a total of 10.7 million cubic metres, which is 10.9 per cent less than one year ago. The cubic volume covered by building permits granted for residential buildings went down by 0.4 per cent.

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



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

## Number of building permits granted was six per cent lower in June than one year previously

In June 2014, building permits were granted for a total of 3.7 million cubic metres. Their number fell by 6.1 per cent from the previous year.

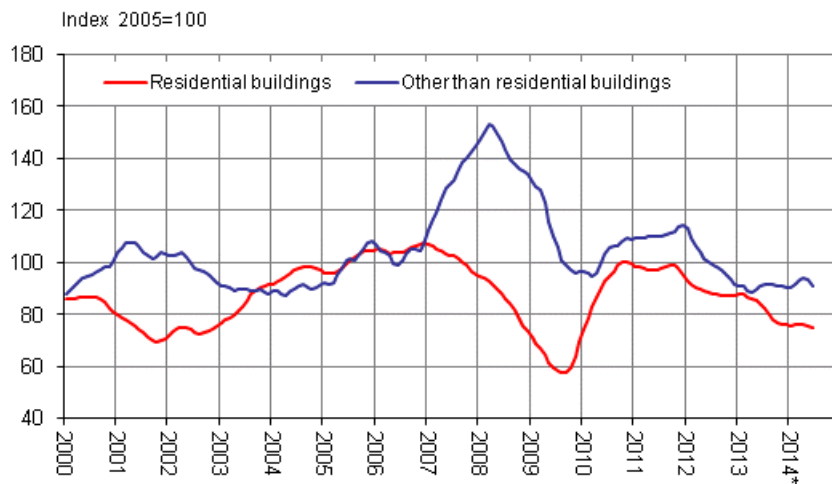
The cubic volume covered by permits for residential buildings grew by 6.8 per cent. The cubic volume covered by permits granted for other than residential buildings fell by 9.8 per cent from one year ago.

## *Volume of newbuilding decreased by 5 per cent in June*

In June 2014, the constant-price value or the volume of ongoing building production decreased by 5.3 per cent year-on-year.

The volume of residential building construction decreased by 11.5 per cent in June. The volume of other than residential building construction went up slightly, by 0.3 per cent from one year ago.

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



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# Appendix tables

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

Building type	6/2014*	Annual change% <sup>1)</sup>	1-6/2014*	Annual change% <sup>1)</sup>	Variable annual sum*	Annual change% <sup>1)</sup>
All buildings	3 741	-6	17 657	-6	34 016	-4
Residential buildings	936	7	5 645	5	9 971	-7
Free-time residential buildings	89	7	396	-2	785	-7
Commercial and office buildings	543	-35	3 478	-1	6 774	7
Public service buildings	300	-32	1 268	-13	2 829	1
Industrial and warehouse buildings	1 383	23	4 309	0	7 593	-2
Agricultural buildings	220	-33	1 352	-44	3 711	-11
Other buildings	270	-9	1 209	-10	2 355	-12

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
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
2013	37 449	10 281	855	6 931	3 182	8 401	5 099
VI	5 007	1 213	116	913	546	1 316	513
VII	2 240	524	67	583	213	513	149
VIII	2 436	835	71	370	160	519	247
IX	2 716	799	79	433	259	504	402
X	2 924	748	83	519	142	526	708
XI	2 978	679	51	748	312	475	575
XII	3 066	740	38	642	475	746	278
2014*							
I	1 738	493	40	677	93	207	148
II	1 937	634	40	423	252	352	108
III	3 238	1 349	63	750	207	466	223
IV	3 741	1 139	84	532	225	1 154	366
V	3 261	1 093	79	553	192	747	287
VI	3 741	936	89	543	300	1 383	220

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

Building type	6/2014*	Annual change%	1-6/2014*	Annual change%	Variable annual sum*	Annual change%
All buildings	2 319	7	15 691	11	27 169	-3
Detached houses	831	2	3 801	-9	6 905	-17
Attached houses	338	17	1 756	12	3 245	-6
Blocks of flats	1 126	13	9 690	20	16 348	4
Other than residential buildings	24	-60	444	52	671	26

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

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
	1-6/2014*	1-6/2013*	1-6/2014*	1-6/2013*	1-6/2014*	1-6/2013*
All regions	17 657	18 813	15 691	14 122	1 925	2 011
Continental Finland	17 639	18 776	15 658	14 103	1 923	2 002
Uusimaa	6 230	4 750	7 025	4 738	172	150
Metropolitan area	3 801	3 428	5 243	3 452	10	11
Varsinais-Suomi	1 444	1 469	865	715	239	243
Satakunta	594	520	309	310	71	63
Kanta-Häme	436	473	122	310	54	73
Pirkanmaa	1 223	1 503	1 419	1 369	150	136
Päijät-Häme	607	602	512	748	111	82
Kymenlaakso	665	963	125	159	68	68
South Karelia	585	637	228	189	48	52
Etelä-Savo	291	704	112	200	136	165
Pohjois-Savo	640	913	674	645	101	134
North Karelia	586	655	640	725	84	81
Central Finland	649	748	820	846	120	153
South Ostrobothnia	776	1 108	639	438	61	51
Ostrobothnia	675	1 289	528	398	93	114
Central Ostrobothnia	234	307	108	203	27	24
North Ostrobothnia	1 339	1 400	1 029	1 450	143	164
Kainuu	153	180	41	111	60	74
Lapland	511	555	462	549	185	175
Åland	18	36	33	19	2	9

**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	
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	
2013	86,2	82,1	78,4	94,5	109,3	72,7	99,7	
VI	84,6	78,3	67,3	97,5	105,2	70,5	94,3	
VII	88,4	81,0	83,3	94,9	106,6	72,6	112,1	
VIII	91,8	84,4	95,1	94,6	113,3	74,9	124,1	
IX	94,2	88,3	102,8	90,0	112,6	80,5	134,8	
X	94,8	90,9	104,7	86,2	114,3	78,7	138,6	
XI	91,9	88,6	96,7	84,9	118,8	73,5	134,0	
XII	85,1	81,0	84,8	83,7	116,1	71,3	118,5	
2014*	I	82,9	77,2	81,5	88,7	115,2	70,2	116,5
II	76,7	69,7	68,1	84,4	123,6	67,3	97,4	
III	73,5	64,5	63,4	86,3	127,0	61,1	90,8	
IV	73,4	64,1	59,8	80,8	126,8	59,8	91,5	
V	75,9	64,9	69,0	79,3	130,9	60,7	98,3	
VI	80,1	69,3	80,8	76,7	130,2	63,1	109,7	

**Appendix table 6. Newbuilding 2. quarter, 2014\*, mil. m3**

Building type	Building permits granted		Building starts		Building completions	
	2. quarter	%-change 2013/2014 <sup>1)</sup>	2. quarter	%-change 2013/2014	2. quarter	%-change 2013/2014 <sup>1)</sup>
All buildings	10,74	-11	8,50	-24	7,94	9
Residential buildings	3,17	0	3,11	-19	3,31	3
Free-time residential buildings	0,25	-2	0,23	-21	0,33	82
Commercial and office buildings	1,63	-28	1,03	-17	0,93	10
Public service buildings	0,72	-40	0,45	-55	0,59	33
Industrial and warehouse buildings	3,28	22	1,94	-27	1,43	-8
Agricultural buildings	0,87	-43	1,10	-18	0,57	4
Non-residential buildings	0,82	-11	0,63	-20	0,78	67

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	
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	
2013	37,45	10,28	0,86	6,93	3,18	8,40	5,10	
	I	7,01	2,26	0,16	1,23	0,27	1,67	0,97
	II	14,08	3,70	0,31	2,41	1,35	3,45	1,77
	III	7,39	2,16	0,22	1,39	0,63	1,54	0,80
	IV	8,97	2,17	0,17	1,91	0,93	1,75	1,56
2014*	I	6,91	2,48	0,14	1,85	0,55	1,02	0,48
	II	10,74	3,17	0,25	1,63	0,72	3,28	0,87

**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
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
2013	30,87	10,59	0,77	4,09	3,01	6,36	3,81
	I	5,13	2,13	0,09	0,83	0,46	0,88
	II	11,13	3,83	0,29	1,24	0,99	1,33
	III	8,45	2,67	0,24	1,19	0,80	1,14
	IV	6,15	1,96	0,14	0,83	0,76	0,88
2014*	I	5,62	1,87	0,14	0,92	0,84	0,73
	II	8,50	3,11	0,23	1,03	0,45	1,10

**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
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
2013	32,85	12,23	0,91	4,17	2,42	6,99	3,62
	I	7,20	2,90	0,14	0,95	0,37	1,57
	II	7,90	3,32	0,23	0,88	0,48	1,75
	III	7,58	2,66	0,26	1,12	0,92	1,22
	IV	10,18	3,35	0,27	1,22	0,65	1,47
2014*	I	6,68	2,52	0,14	1,06	0,38	0,78
	II	7,94	3,31	0,33	0,93	0,59	0,57

**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	
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	
2013	86,2	82,1	78,4	94,5	109,3	72,7	99,7	
I	83,1	82,1	66,7	103,2	107,6	71,3	68,6	
II	79,6	75,0	57,6	96,7	102,3	69,1	76,2	
III	91,5	84,6	93,8	93,2	110,8	76,0	123,7	
IV	90,6	86,9	95,4	84,9	116,4	74,5	130,4	
2014*	I	77,7	70,5	71,0	86,5	121,9	66,2	101,6
II	76,5	66,1	69,9	78,9	129,3	61,2	99,8	

**Appendix table 11. Dwelling construction by building type 2005-2014, 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
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
2013	27 100	7 798	3 303	15 453	27 903	7 953	3 048	16 270
I	6 214	1 480	679	3 909	5 936	1 202	528	4 072
II	9 408	3 214	1 135	4 886	9 864	3 067	1 059	5 493
III	5 473	1 823	747	2 740	6 829	2 219	806	3 670
IV	6 005	1 281	742	3 918	5 274	1 465	655	3 035
2014*	I	7 194	1 352	608	5 127	988	540	3 537
II	8 497	2 449	1 148	4 563	8 367	2 339	865	5 028



**Appendix table 12. Dwelling constructions by building type 2005-2014, number, buildings under construction and building completions**

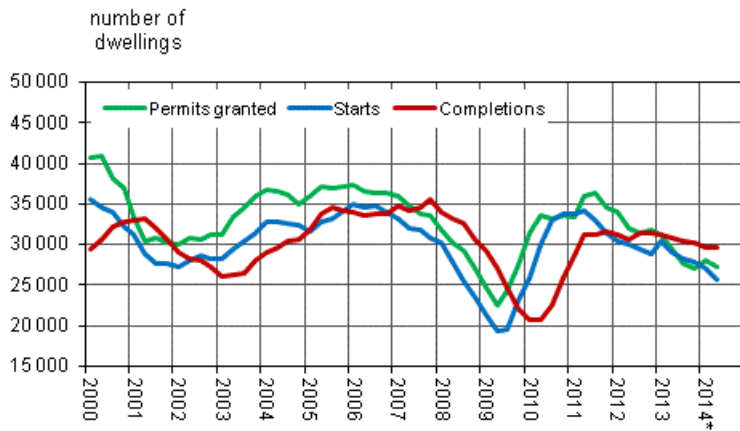
	Under construction				Completions			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2005	33 847	17 443	4 271	11 617	34 177	15 393	5 453	12 908
2006	35 327	17 375	4 541	12 720	33 885	16 153	5 459	11 945
2007	32 375	16 174	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
2013	32 408	10 358	3 119	18 137	30 283	9 971	3 820	15 775
I	34 180	11 013	3 668	18 568	6 711	2 709	767	3 146
II	35 583	11 236	3 383	20 017	8 405	2 792	1 343	4 044
III	35 567	11 345	3 448	19 997	6 760	2 043	728	3 690
IV	32 408	10 358	3 119	18 137	8 407	2 427	982	4 895
2014* I	31 825	9 213	2 983	18 760	5 984	2 159	747	3 025
II	30 379	8 746	2 665	18 230	8 486	2 305	1 041	4 893

**Appendix table 13. Distribution of hours worked by professional construction workers in building construction, mil. hours**

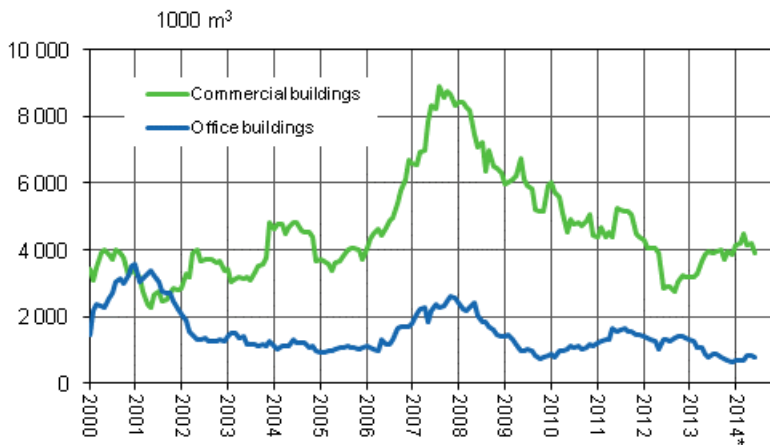
		Hours worked by professional construction workers, mil. hours				Distribution of hours in renovation building, %	
		Total	Newbuilding	Renovation building	Other construction	Residential buildings	Other buildings
2012	01	26,0	13,3	11,1	1,5	49,6	50,4
	02	22,7	11,4	10,3	1,0	57,5	42,5
	03	22,1	11,3	9,8	1,0	60,5	39,6
	04	23,0	10,9	10,8	1,3	58,4	41,6
	05	25,5	11,7	12,3	1,5	63,2	36,8
	06	21,4	11,4	9,5	0,5	56,1	43,9
	07	23,0	10,2	11,4	1,5	50,7	49,4
	08	23,7	11,1	11,3	1,3	53,5	46,5
	09	22,8	10,9	10,9	0,9	56,6	43,4
	10	29,0	12,7	14,6	1,6	54,0	46,1
	11	24,7	12,3	11,4	1,0	64,5	35,5
	12	16,8	8,0	7,9	0,8	57,2	42,8
2013	01	26,0	12,2	12,4	1,3	57,1	42,9
	02	21,6	9,8	10,3	1,5	57,7	42,3
	03	19,9	8,8	9,7	1,3	53,7	46,3
	04	23,9	11,4	11,5	1,0	54,1	45,9
	05	23,6	11,8	10,4	1,3	63,5	36,5
	06	23,9	11,8	11,0	1,1	65,7	34,3
	07	23,4	11,0	11,6	0,7	55,1	45,0
	08	23,6	10,5	12,0	1,2	62,5	37,5
	09	23,8	12,4	11,0	0,4	58,8	41,2
	10	29,2	14,9	12,4	1,9	58,8	41,2
	11	23,2	10,7	11,0	1,5	70,2	29,8
	12	16,9	8,2	8,0	0,8	59,8	40,2
2014	01	23,2	10,5	11,7	0,9	48,4	51,7
	02	19,0	6,8	10,9	1,3	60,6	39,4
	03	20,0	9,5	9,0	1,4	59,0	41,0
	04	21,2	9,2	11,3	0,8	58,9	41,1
	05	21,3	10,9	9,2	1,2	64,2	35,8
	06	24,7	10,8	12,5	1,5	57,7	42,3
	07	23,8	11,8	10,6	1,4	51,8	48,2

# Appendix figures

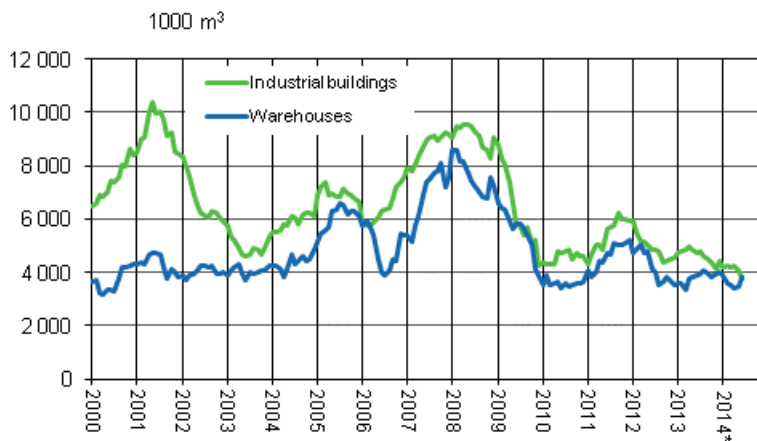
**Appendix figure 1. Housing production, sliding annual sum**



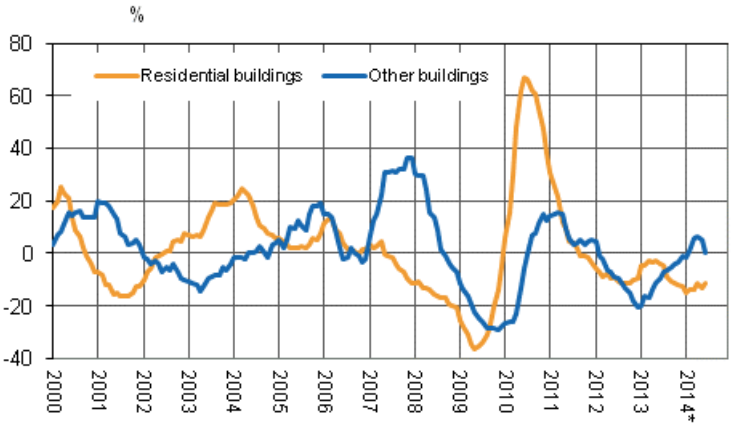
**Appendix figure 2. Office and commercial buildings, sliding annual sum**



**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 (2014-08-27)	
2014/01	-0,3	-6,3	-6,0
2014/02	-13,7	-17,3	-3,6
2014/03	29,8	26,9	-2,9
2014/04	-10,2	-11,1	-0,9
2014/05	-14,2	-15,7	-1,5

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 (2014-08-27)	
2014/01	-7,5	-8,6	-1,1
2014/02	-5,8	-6,6	-0,8
2014/03	-4,8	-4,0	0,8
2014/04	-4,0	-2,3	1,7
2014/05	-4,4	-3,9	0,5

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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Suomen virallinen tilasto  
Finlands officiella statistik  
Official Statistics of Finland

Construction 2014

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Source: Building and dwelling production, Statistics Finland