

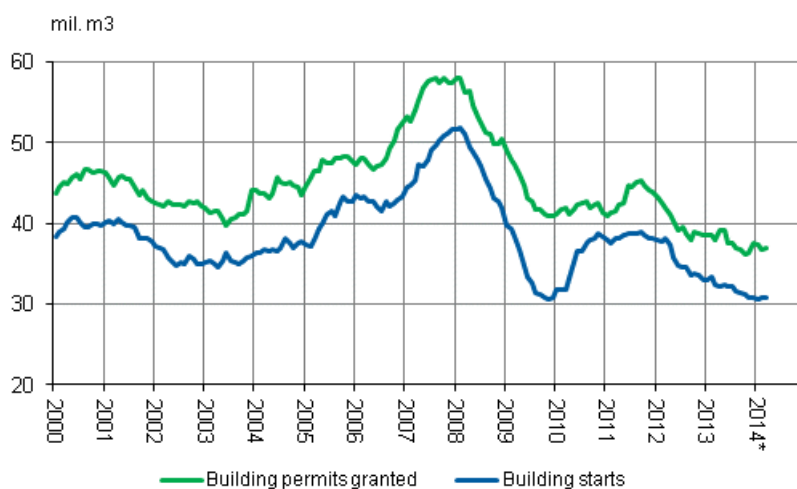
Building and dwelling production

2014 March, 1st quarter

Cubic volume covered by granted building permits grew by good 4 per cent in the first quarter of 2014 from the year before

According to the preliminary data of Statistics Finland's statistics on building and dwelling production, in the first quarter of 2014, building permits were granted for a total of 6.6 million cubic metres, which is 4.3 per cent more than one year ago. The cubic volume covered by building permits granted for residential buildings increased by 16.8 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.

Number of building permits granted was nearly 30 per cent higher in March than one year previously

In March 2014, building permits were granted for a total of 3.0 million cubic metres. The growth amounted to 29.8 per cent year-on-year.

The cubic volume covered by permits for residential buildings grew by 88.2 per cent. The growth is mainly explained by the high cubic volume of building permits granted for residential blocks of flats.

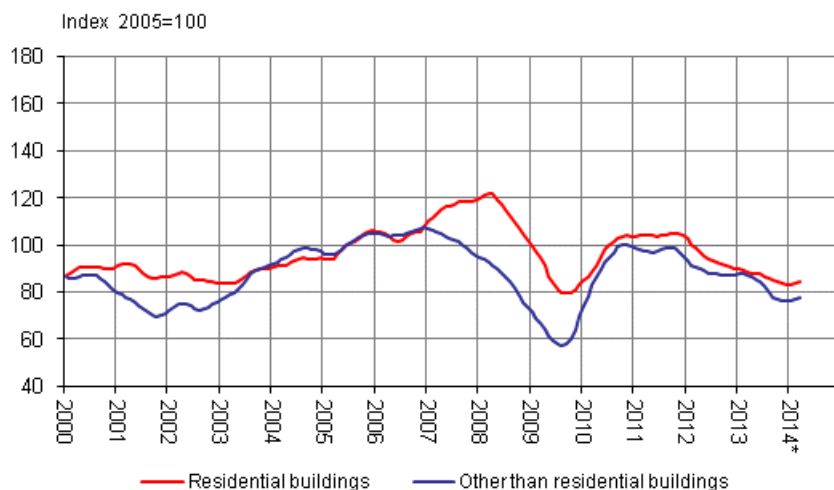
The cubic volume granted for other than residential building went up by 5.6 per cent from the cubic volume granted one year ago.

The volume of newbuilding contracted in March by five per cent from one year back

In March 2014, the constant-price value or the volume of ongoing building production decreased by 4.8 per cent year-on-year.

The volume of residential building construction diminished in March by 12.2 per cent. The volume of other than residential building construction went up by 2.7 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	3/2014*	Annual change% ¹⁾	1-3/2014*	Annual change% ¹⁾	Variable annual sum*	Annual change% ¹⁾
All buildings	3 007	30	6 569	4	37 005	0
Residential buildings	1 278	88	2 362	17	10 386	-14
Free-time residential buildings	55	-9	131	-4	829	-10
Commercial and office buildings	736	36	1 830	51	7 532	14
Public service buildings	151	94	496	108	3 411	13
Industrial and warehouse buildings	445	-4	969	-33	7 699	-3
Agricultural buildings	184	-42	423	-49	4 550	27
Other buildings	159	-10	358	-12	2 598	-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
III	2 739	794	73	551	107	564	432
IV	4 862	1 142	85	848	551	1 254	699
V	4 208	1 343	108	646	257	876	556
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	1 698	473	39	677	93	204	136
II	1 864	612	37	417	252	321	103
III	3 007	1 278	55	736	151	445	184

Appendix table 3. Building permits for dwellings, No.

Building type	3/2014*	Annual change%	1-3/2014*	Annual change%	Variable annual sum*	Annual change%
All buildings	3 676	108	6 907	24	27 793	-9
Detached houses	600	2	1 265	-5	7 583	-19
Attached houses	229	29	520	-17	3 144	-21
Blocks of flats	2 826	215	4 995	44	16 539	-2
Other than residential buildings	21	-80	127	-12	527	14

Appendix table 4. Building permits by region

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
All regions	6 569	6 301	6 907	5 571	623	684
Continental Finland	6 568	6 286	6 905	5 566	622	675
Uusimaa	2 355	1 569	3 435	1 992	59	57
Metropolitan area	1 877	1 254	2 808	1 708	2	6
Varsinais-Suomi	511	460	268	284	61	87
Satakunta	315	189	208	67	25	21
Kanta-Häme	56	94	14	73	13	9
Pirkanmaa	627	613	750	763	49	52
Päijät-Häme	168	300	229	472	44	36
Kymenlaakso	188	332	68	113	24	29
South Karelia	379	173	97	62	16	13
Etelä-Savo	69	425	37	69	52	71
Pohjois-Savo	264	253	215	176	38	46
North Karelia	209	210	191	215	26	26
Central Finland	190	200	313	200	31	50
South Ostrobothnia	234	343	157	160	19	11
Ostrobothnia	246	286	257	170	37	50
Central Ostrobothnia	59	128	15	116	11	6
North Ostrobothnia	534	484	448	478	46	39
Kainuu	41	36	14	12	17	21
Lapland	122	192	189	144	54	51
Åland	1	14	2	5	1	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
III	76,6	74,7	53,5	98,7	102,4	67,6	61,6
IV	75,1	72,2	48,7	95,3	100,6	68,7	60,6
V	79,0	74,6	56,9	97,2	101,1	68,0	73,7
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	83,5	78,1	82,5	88,5	116,3	70,3	116,3
II	76,8	70,6	68,5	84,1	119,4	67,1	97,8
III	72,9	65,6	60,7	84,9	123,5	60,2	88,9

Appendix table 6. Newbuilding 1. quarter, 2014*, mil. m3

Building type	Building permits granted		Building starts		Building completions	
	1. quarter	%-change 2013/2014 ¹⁾	1. quarter	%-change 2013/2014	1. quarter	%-change 2013/2014 ¹⁾
All buildings	6,57	4	5,06	-1	6,19	-1
Residential buildings	2,36	17	1,86	-13	2,48	2
Free-time residential buildings	0,13	-4	0,11	19	0,13	6
Commercial and office buildings	1,83	51	0,89	7	0,92	14
Public service buildings	0,50	108	0,53	16	0,38	29
Industrial and warehouse buildings	0,97	-33	0,72	-19	1,13	-21
Agricultural buildings	0,42	-49	0,72	58	0,68	-3
Non-residential buildings	0,36	-12	0,23	-18	0,47	7

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	6,57	2,36	0,13	1,83	0,50	0,97	0,42

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	5,06	1,86	0,11	0,89	0,53	0,72

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	2,44
2014*	I	6,19	2,48	0,13	0,92	0,38	1,13

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	77,8	71,5	70,6	85,8	119,7	65,9	101,0

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	6 907	1 265	520	4 995	5 223	1 024	523	3 548

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

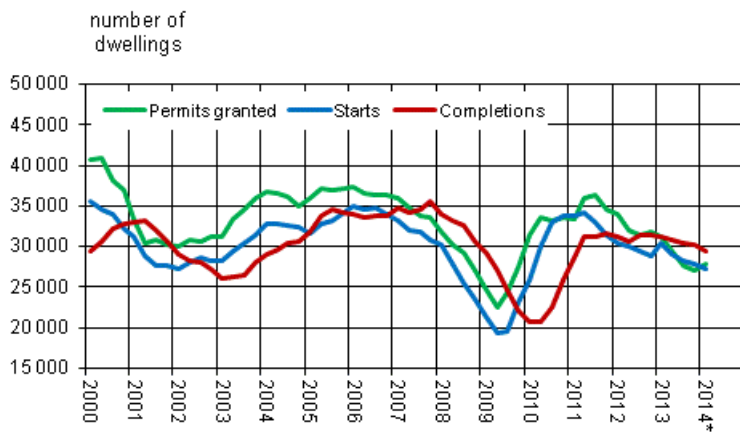
	Under construction				Completions			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2005	33 847	17 443	4 271	11 617	34 177	15 393	5 453	12 908
2006	35 327	17 375	4 541	12 720	33 885	16 153	5 459	11 945
2007	32 375	16 174	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	30 733	8 998	2 811	18 074	5 913	2 105	730	3 025

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

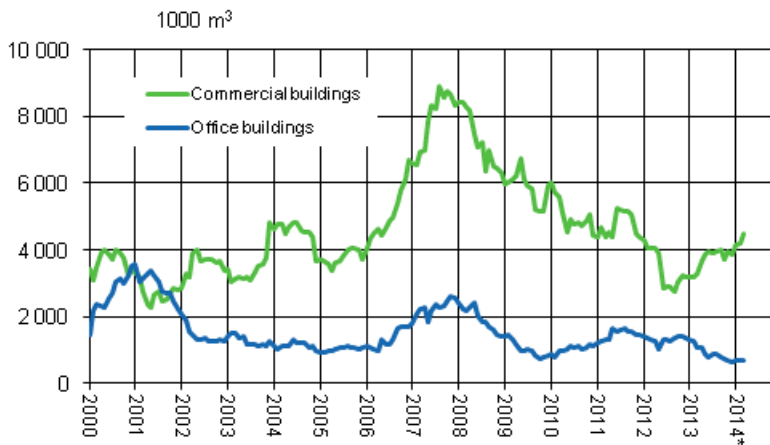
		Hours worked by professional construction workers, mil. hours				Distribution of hours in renovation building, %	
		Total	Newbuilding	Renovation building	Other construction	Residential buildings	Other buildings
2012	1	26,0	13,3	11,1	1,5	49,6	50,4
	2	22,7	11,4	10,3	1,0	57,5	42,5
	3	22,1	11,3	9,8	1,0	60,5	39,6
	4	23,0	10,9	10,8	1,3	58,4	41,6
	5	25,5	11,7	12,3	1,5	63,2	36,8
	6	21,4	11,4	9,5	0,5	56,1	43,9
	7	23,0	10,2	11,4	1,5	50,7	49,4
	8	23,7	11,1	11,3	1,3	53,5	46,5
	9	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	1	26,0	12,2	12,4	1,3	57,1	42,9
	2	21,6	9,8	10,3	1,5	57,7	42,3
	3	19,9	8,8	9,7	1,3	53,7	46,3
	4	23,9	11,4	11,5	1,0	54,1	45,9
	5	23,6	11,8	10,4	1,3	63,5	36,5
	6	23,9	11,8	11,0	1,1	65,7	34,3
	7	23,4	11,0	11,6	0,7	55,1	45,0
	8	23,6	10,5	12,0	1,2	62,5	37,5
	9	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	1	23,2	10,5	11,7	0,9	48,4	51,7
	2	19,0	6,8	10,9	1,3	60,6	39,4
	3	20,0	9,5	9,0	1,4	59,0	41,0
	4	21,2	9,2	11,3	0,8	58,9	41,1

Appendix figures

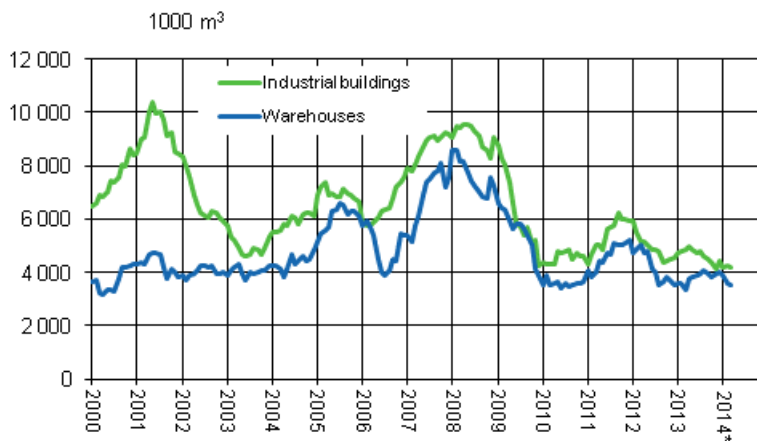
Appendix figure 1. Housing production, sliding annual sum



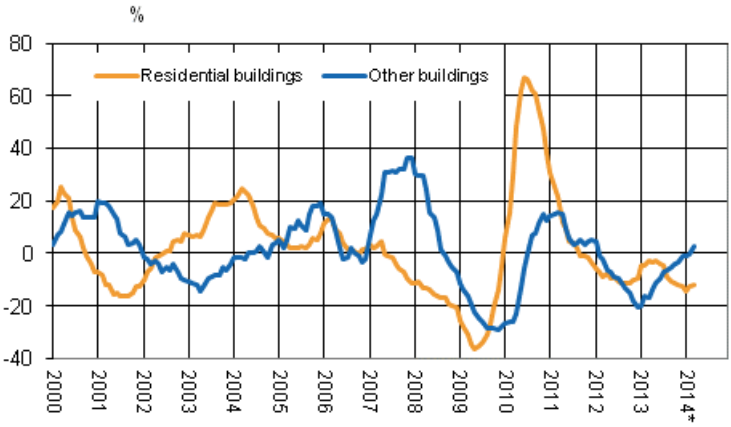
Appendix figure 2. Office and commercial buildings, sliding annual sum



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 permits¹⁾

Reference period	Year-on-year change,%		Revision, percentage point
	1st release	Latest release (2014-05-28)	
2013/01	6,0	6,2	0,2
2013/02	8,1	1,1	-7,0
2013/03	-15,7	-20,3	-4,6
2013/04	39,5	35,3	-4,2
2013/05	-2,0	-1,8	0,2
2013/06	-27,6	-22,9	4,7
2013/07	-7,2	-3,8	3,4
2013/08	-20,4	-16,2	4,2
2013/09	0,2	-6,4	-6,6
2013/10	-10,3	-20,7	-10,4
2013/11	20,4	11,6	-8,8
2013/12	73,4	54,4	-19,0
2014/01	-0,3	-3,5	-3,2
2014/02	-13,7	-16,2	-2,5

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 newbuilding¹⁾

Reference period	Year-on-year change,%		Revision, percentage point
	1st release	Latest release (2014-05-28)	
2013/01	-12,8	-12,5	0,3
2013/02	-12,1	-10,8	1,3
2013/03	-12,1	-10,3	1,8
2013/04	-10,5	-9,0	1,5
2013/05	-4,2	-7,4	-3,2
2013/06	-2,1	-6,8	-4,7
2013/07	-4,1	-6,2	-2,1
2013/08	-7,7	-7,7	0,0
2013/09	-7,0	-8,0	-1,0
2013/10	-6,0	-7,5	-1,5
2013/11	-6,0	-7,9	-1,9
2013/12	-5,5	-7,1	-1,6
2014/01	-7,5	-7,9	-0,4
2014/02	-5,8	-6,5	-0,7

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