

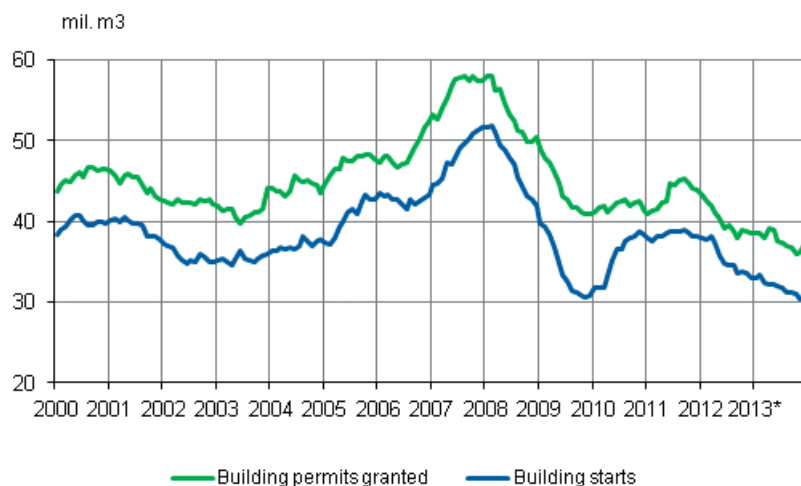
Building and dwelling production

2013 December, 4th quarter

Cubic volume covered by granted building permits grew by good 13 per cent in the fourth quarter of 2013 from last year

According to the preliminary data of Statistics Finland's statistics on building and dwelling production, in the last quarter of 2013 building permits were granted for a total of 8.9 million cubic metres, which is 13.3 per cent more than one year ago. The cubic volume covered by building permits granted for residential buildings fell by 8.6 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.

In December 2013, building permits were granted for three million cubic metres

In December 2013, building permits were granted for a total of 3.0 million cubic metres. The growth amounted to 73.4 per cent year-on-year. The granted cubic metre volume was exceptionally high compared to the data of the past three Decembers. In December 2012, building permits were granted for a total of 1.7 million cubic metres.

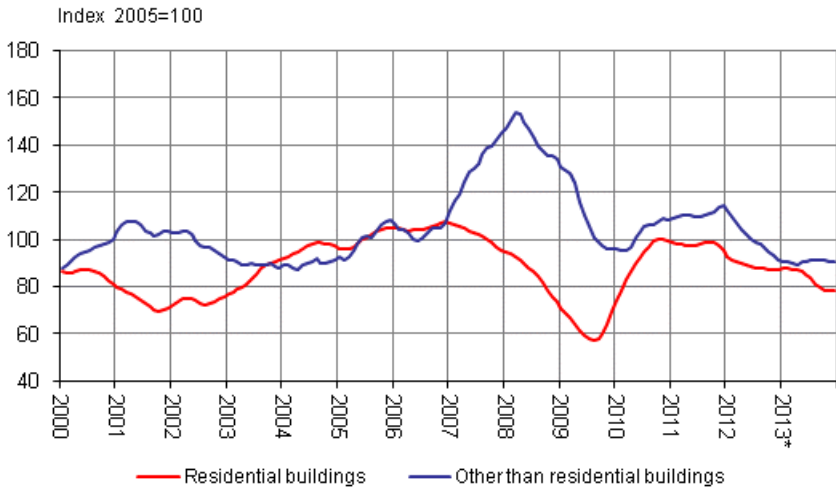
The cubic volume covered by permits for residential buildings grew by 80.8 per cent. The cubic volume granted for other than residential buildings went up by 71.2 per cent from one year ago.

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

In December 2013, the constant-price value or the volume of ongoing building production decreased by 5.5 per cent year-on-year.

In December, the volume of construction of residential buildings decreased by 9.7 per cent and that of other than residential building construction by close on one per cent from one year back.

Volume index for newbuilding 2005=100, trend



Contents

Tables

Appendix tables

Appendix table 1. Building permits, 1000 m3.....	4
Appendix table 2. Building permits monthly, 1000 m3.....	4
Appendix table 3. Building permits for dwellings, No.....	4
Appendix table 4. Building permits by region.....	4
Appendix table 5. Volume index of newbuilding 2005=100.....	5
Appendix table 6. Newbuilding 4. quarter, 2013*, mil. m3.....	6
Appendix table 7. Building permits, mil. m3.....	6
Appendix table 8. Building starts, mil. m3.....	7
Appendix table 9. Building completions, mil. m3.....	7
Appendix table 10. Volume index of newbuilding 2005=100.....	8
Appendix table 11. Dwelling construction by building type 2004-2013, number, building permits and building starts.....	8
Appendix table 12. Dwelling constructions by building type 2004-2013, number, buildings under construction and building completions.....	9

Figures

Appendix figures

Appendix figure 1. Housing production, sliding annual sum	10
Appendix figure 2. Office and commercial buildings, sliding annual sum	10
Appendix figure 3. Industrial buildings and warehouses, sliding annual sum	10
Appendix figure 4. Volume index for newbuilding 2005=100, annual change %.....	11
Revisions in these statistics.....	12

Appendix tables

Appendix table 1. Building permits, 1000 m3

Building type	12/2013*	Annual change% ¹⁾	1-12/2013*	Annual change% ¹⁾	Variable annual sum*	Annual change% ¹⁾
All buildings	3 009	73	37 190	0	37 190	0
Residential buildings	725	81	10 161	-19	10 161	-19
Free-time residential buildings	35	-19	847	-12	847	-12
Commercial and office buildings	639	157	6 936	13	6 936	13
Public service buildings	475	43	3 174	-2	3 174	-2
Industrial and warehouse buildings	719	79	8 333	6	8 333	6
Agricultural buildings	277	26	5 064	47	5 064	47
Other buildings	138	61	2 675	-11	2 675	-11

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
	XII	1 986	446	344	360	433	262
2013*	I	1 878	546	34	364	47	258
	II	2 386	916	50	314	113	278
	III	2 732	790	73	551	107	431
	IV	4 832	1 138	85	843	547	683
	V	4 194	1 336	108	646	257	556
	VI	4 934	1 152	115	913	547	510
	VII	2 239	521	66	588	213	149
	VIII	2 423	832	71	372	160	247
	IX	2 716	795	79	441	259	402
	X	2 911	743	82	517	142	710
	XI	2 935	665	49	748	308	563
	XII	3 009	725	35	639	475	277

Appendix table 3. Building permits for dwellings, No.

Building type	12/2013*	Annual change%	1-12/2013*	Annual change%	Variable annual sum*	Annual change%
All buildings	2 150	115	26 722	-14	26 722	-14
Detached houses	241	-25	7 717	-22	7 717	-22
Attached houses	148	28	3 243	-18	3 243	-18
Blocks of flats	1 740	209	15 218	-9	15 218	-9
Other than residential buildings	21	950	544	-18	544	-18

Appendix table 4. Building permits by region

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
	1-12/2013*	1-12/2012	1-12/2013*	1-12/2012	1-12/2013*	1-12/2012
All regions	37 190	38 420	26 722	31 745	4 108	4 604
Continental Finland	37 114	38 275	26 631	31 661	4 092	4 557
Uusimaa	10 741	9 640	10 147	10 810	312	341
Metropolitan area	7 818	6 455	7 716	7 909	18	15
Varsinais-Suomi	2 636	3 336	1 419	2 439	422	431
Satakunta	1 111	1 985	591	796	130	145
Kanta-Häme	935	782	606	520	130	121
Pirkanmaa	3 235	3 283	2 563	3 404	318	355
Päijät-Häme	988	1 293	903	1 200	179	166
Kymenlaakso	1 555	1 144	232	498	131	142
South Karelia	1 174	954	395	432	171	232
Etelä-Savo	1 120	894	480	555	393	491
Pohjois-Savo	1 680	1 920	1 039	1 466	239	236
North Karelia	1 190	1 175	1 120	1 002	168	193
Central Finland	1 741	1 921	1 430	1 645	285	325
South Ostrobothnia	1 919	1 963	937	1 358	99	141
Ostrobothnia	2 675	1 743	818	1 222	220	243
Central Ostrobothnia	498	749	312	283	45	46
North Ostrobothnia	2 602	3 633	2 584	2 983	339	341
Kainuu	306	461	191	171	158	174
Lapland	1 010	1 399	864	877	353	434
Åland	76	144	91	84	16	47

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	
	XII	91,6	92,7	86,2	107,4	101,7	71,1	88,2
2013*	I	90,9	91,3	81,1	108,7	110,5	74,4	79,2
	II	82,3	80,9	64,9	102,4	110,1	71,6	65,0
	III	76,8	75,2	53,0	98,3	102,6	67,3	61,8
	IV	75,3	72,7	47,8	94,9	100,5	68,5	60,9
	V	79,3	75,4	56,0	95,9	101,0	67,8	74,3
	VI	84,9	79,1	66,8	95,1	106,0	70,2	95,0
	VII	88,8	82,0	83,6	92,6	107,5	72,5	113,4
	VIII	92,3	85,6	95,4	91,9	114,3	74,7	125,7
	IX	94,9	89,5	103,5	87,1	113,9	80,6	137,7
	X	95,8	92,7	106,0	82,8	116,3	79,3	141,1
	XI	93,1	90,8	98,2	80,7	121,1	74,3	135,8
	XII	86,6	83,7	86,6	79,6	119,4	71,8	120,2

Appendix table 6. Newbuilding 4. quarter, 2013*, mil. m3

Building type	Building permits granted		Building starts		Building completions	
	4. quarter	%-change 2012/2013 ¹⁾	4. quarter	%-change 2012/2013	4. quarter	%-change 2012/2013 ¹⁾
All buildings	8,86	13	6,06	-8	9,96	-15
Residential buildings	2,13	-9	1,89	-13	3,31	2
Free-time residential buildings	0,17	-14	0,15	18	0,25	3
Commercial and office buildings	1,91	32	0,76	-45	1,20	-29
Public service buildings	0,92	12	0,79	35	0,65	-26
Industrial and warehouse buildings	1,71	2	1,13	-18	2,39	-39
Agricultural buildings	1,55	87	0,95	82	1,40	31
Non-residential buildings	0,47	-9	0,39	-6	0,75	14

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	7,00	2,25	0,16	1,23	0,27	1,67	0,97
	II	13,96	3,63	0,31	2,40	1,35	3,43	1,75
	III	7,38	2,15	0,22	1,40	0,63	1,52	0,80
	IV	8,86	2,13	0,17	1,91	0,92	1,71	1,55

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	5,07	2,12	0,09	0,77	0,46	0,88	0,46
	II	10,88	3,82	0,29	1,00	0,99	2,66	1,31
	III	8,56	2,69	0,24	1,20	0,82	1,70	1,17
	IV	6,06	1,89	0,15	0,76	0,79	1,13	0,95

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	7,16	2,89	0,14	0,95	0,36	1,57	0,76
	II	7,88	3,32	0,23	0,88	0,48	1,75	0,65
	III	7,55	2,66	0,26	1,12	0,92	1,22	0,73
	IV	9,96	3,31	0,25	1,20	0,65	2,39	1,40

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	83,3	82,5	66,3	103,1	107,7	71,1	68,7
II	79,8	75,8	56,9	95,3	102,5	68,9	76,7	
III	92,0	85,7	94,2	90,5	111,9	75,9	125,6	
IV	91,8	89,1	96,9	81,0	118,9	75,1	132,4	

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

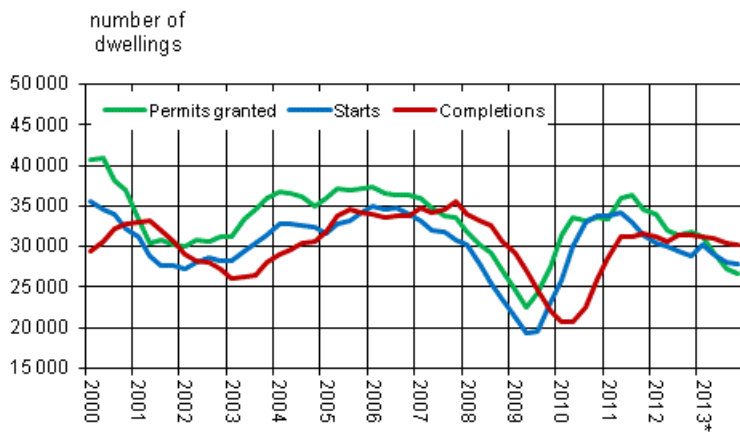
	Building permits				Starts				
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats	
2004	35 046	15 999	5 129	13 471	32 380	14 180	4 902	12 947	
2005	37 135	17 327	6 182	13 455	34 275	16 411	5 435	12 100	
2006	36 370	17 025	5 691	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	6 177	1 475	679	3 878	5 893	1 206	537	4 014
II	9 198	3 190	1 112	4 724	9 814	3 072	1 077	5 419	
III	5 443	1 811	740	2 729	6 868	2 239	825	3 670	
IV	5 904	1 241	712	3 887	5 193	1 417	655	2 989	

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

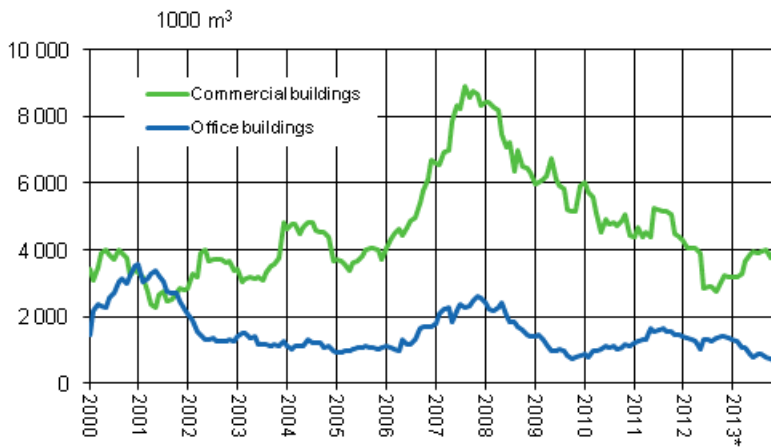
	Under construction				Completions				
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats	
2004	39 448	20 159	5 221	13 348	30 662	12 798	4 651	12 949	
2005	33 847	17 443	4 271	11 617	34 177	15 393	5 453	12 908	
2006	35 327	17 375	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	34 074	10 987	3 673	18 405	6 703	2 703	767	3 146
II	35 216	11 176	3 389	19 699	8 459	2 787	1 338	4 036	
III	35 006	11 244	3 437	19 549	6 775	2 040	738	3 698	
IV	31 350	10 078	3 061	17 423	8 365	2 392	972	4 895	

Appendix figures

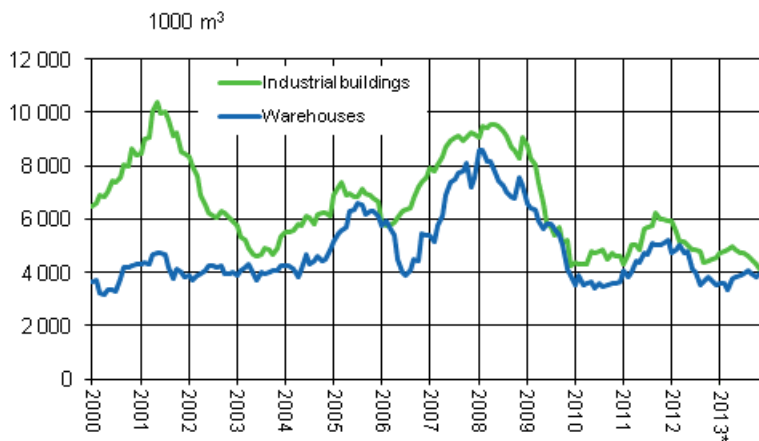
Appendix figure 1. Housing production, sliding annual sum



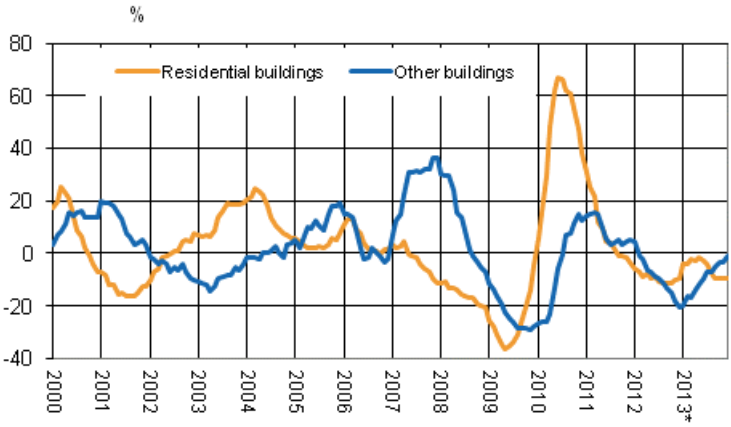
Appendix figure 2. Office and commercial buildings, sliding annual sum



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 (2014-02-26)	
2013/01	6,0	6,2	0,2
2013/02	8,1	1,8	-6,3
2013/03	-15,7	-17,8	-2,1
2013/04	39,5	35,5	-4,0
2013/05	-2,0	-1,5	0,5
2013/06	-27,6	-23,5	4,1
2013/07	-7,2	10,7	17,9
2013/08	-20,4	-15,5	4,9
2013/09	0,2	-3,1	-3,3
2013/10	-10,3	-17,8	-7,5
2013/11	20,4	15,5	-4,9

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 (2013-02-26)	
2013/01	-12,8	-12,3	0,5
2013/02	-12,1	-10,5	1,6
2013/03	-12,1	-10,1	2,0
2013/04	-10,5	-8,7	1,8
2013/05	-4,2	-7,0	-2,8
2013/06	-2,1	-6,5	-4,4
2013/07	-4,1	-5,7	-1,6
2013/08	-7,7	-7,2	0,5
2013/09	-7,0	-7,3	-0,3
2013/10	-6,0	-6,5	-0,5
2013/11	-6,0	-6,7	-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