

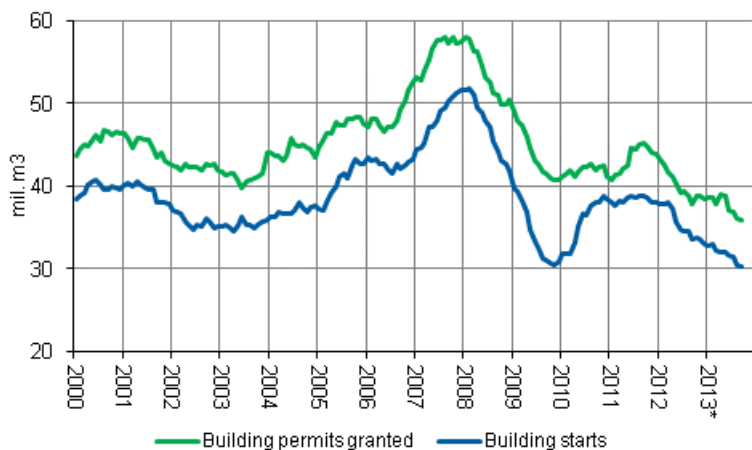
Building and dwelling production

2013 September, 3rd quarter

Cubic volume covered by granted building permits fell by nearly five per cent in the third quarter of 2013 from last year

According to the preliminary data of Statistics Finland's statistics on building and dwelling production, in the third quarter of 2013 building permits were granted for a total of 6.9 million cubic metres, which is 4.7 per cent less than one year ago. The cubic volume covered by building permits granted for residential buildings fell by 26.2 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.

The cubic volume covered by granted building permits remained in September at the same level as one year earlier.

In September 2013, building permits were granted for 2.6 million cubic metres, which is nearly the same as in September 2012.

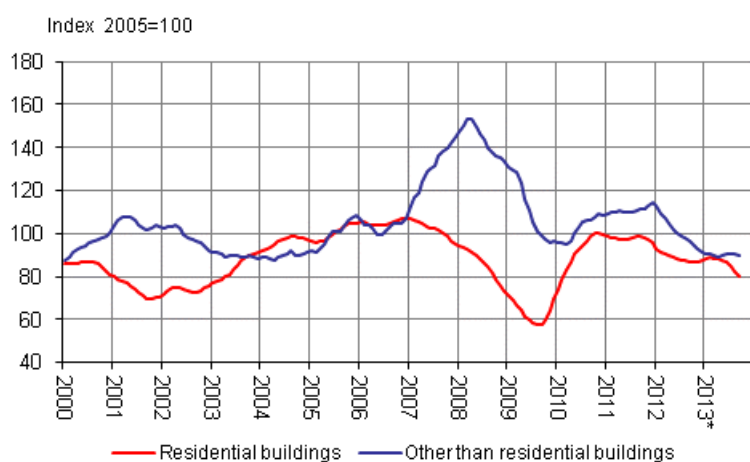
The cubic volume covered by permits granted for residential buildings decreased by 18.6 per cent in September. The cubic volume granted for other than residential building went up by 10.9 per cent from one year ago.

The volume of newbuilding contracted in September by seven per cent from one year back

In September 2013, the constant-price value or the volume of ongoing building production decreased by 7.0 per cent year-on-year.

The volume went down by around seven per cent year-on-year in both residential building and other than residential building.

Volume index for newbuilding 2005=100, trend



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Appendix tables

Appendix table 1. Building permits, 1000 m3

Building type	9/2013*	Annual change% ¹⁾	1-9/2013*	Annual change% ¹⁾	Variable annual sum*	Annual change% ¹⁾
All buildings	2 590	0	27 475	-4	35 817	-2
Residential buildings	764	-19	7 806	-22	10 253	-18
Free-time residential buildings	75	14	661	-10	862	-8
Commercial and office buildings	422	41	4 929	6	6 495	12
Public service buildings	252	62	2 129	-11	3 036	-2
Industrial and warehouse buildings	483	-26	6 472	8	8 227	7
Agricultural buildings	376	41	3 339	32	4 266	22
Other buildings	219	6	2 139	-12	2 679	-10

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	
	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	1 870	544	34	364	47	519	254
	II	2 387	919	50	314	113	583	278
	III	2 639	769	72	548	106	538	394
	IV	4 796	1 123	83	833	547	1 243	687
	V	4 116	1 297	107	639	252	858	548
	VI	4 736	1 103	111	894	539	1 281	433
	VII	2 106	485	64	585	153	502	140
	VIII	2 234	802	67	331	120	465	229
	IX	2 590	764	75	422	252	483	376

Appendix table 3. Building permits for dwellings, No.

Building type	9/2013*	Annual change%	1-9/2013*	Annual change%	Variable annual sum*	Annual change%
All buildings	1 992	-19	20 154	-17	26 652	-13
Detached houses	612	-6	6 269	-21	8 032	-19
Attached houses	188	-41	2 472	-20	3 289	-17
Blocks of flats	1 139	-23	10 942	-15	14 722	-8
Other than residential buildings	53	130	471	-10	609	1

Appendix table 4. Building permits by region

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
	1-9/2013*	1-9/2012	1-9/2013*	1-9/2012	1-9/2013*	1-9/2012
All regions	27 475	30 078	20 154	25 247	3 221	3 704
Continental Finland	27 414	29 953	20 070	25 176	3 209	3 672
Uusimaa	7 392	7 749	6 998	8 416	246	266
Metropolitan area	4 994	5 402	4 908	6 196	15	13
Varsinais-Suomi	2 036	2 518	1 103	1 552	343	353
Satakunta	818	1 187	449	609	108	118
Kanta-Häme	582	629	360	475	85	98
Pirkanmaa	2 500	2 516	2 001	2 527	246	280
Päijät-Häme	781	963	842	914	142	123
Kymenlaakso	1 101	857	223	452	108	111
South Karelia	937	762	297	369	102	180
Etelä-Savo	985	757	407	494	312	379
Pohjois-Savo	1 371	1 337	912	1 260	199	184
North Karelia	1 042	887	1 011	885	127	161
Central Finland	1 163	1 601	1 087	1 420	231	268
South Ostrobothnia	1 382	1 596	697	1 164	70	117
Ostrobothnia	1 880	1 435	544	1 027	178	200
Central Ostrobothnia	416	556	260	258	37	40
North Ostrobothnia	1 936	3 060	2 020	2 398	261	275
Kainuu	256	387	182	146	138	149
Lapland	836	1 155	677	810	276	370
Åland	61	125	84	71	12	32

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	
	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	90,9	91,8	81,8	108,4	107,8	74,1	79,8
	II	82,3	81,3	65,9	102,2	107,4	71,5	64,9
	III	76,7	75,4	53,7	98,1	99,5	67,4	61,6
	IV	75,4	73,1	48,9	94,8	97,9	68,6	60,4
	V	79,4	75,8	57,2	95,7	98,1	67,7	74,0
	VI	85,2	79,9	68,6	94,2	103,5	70,3	94,2
	VII	89,2	83,3	86,2	91,7	103,4	71,6	111,7
	VIII	92,5	87,1	98,1	89,8	111,2	73,2	123,5
	IX	95,2	91,8	106,0	85,0	110,9	79,2	132,9

Appendix table 6. Newbuilding 3. quarter, 2013*, mil. m3

Building type	Building permits granted		Building starts		Building completions	
	3. quarter	%-change 2012/2013 ¹⁾	3. quarter	%-change 2012/2013	3. quarter	%-change 2012/2013 ¹⁾
All buildings	6,93	-5	8,08	-14	7,13	-2
Residential buildings	2,05	-26	2,65	-17	2,63	0
Free-time residential buildings	0,21	-2	0,23	-13	0,23	-17
Commercial and office buildings	1,34	49	0,98	-19	1,05	-46
Public service buildings	0,52	26	0,89	8	0,83	77
Industrial and warehouse buildings	1,45	-5	1,59	-28	1,16	28
Agricultural buildings	0,75	5	1,07	27	0,65	33
Non-residential buildings	0,62	-16	0,67	-17	0,58	-3

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	6,90	2,23	0,15	1,22	0,27	1,64	0,93
	II	13,65	3,52	0,30	2,37	1,34	3,38	1,67
	III	6,93	2,05	0,21	1,34	0,52	1,45	0,75

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	4,88	2,09	0,09	0,77	0,28	0,89	0,47
	II	10,77	3,86	0,30	0,94	1,00	2,65	1,24
	III	8,08	2,65	0,23	0,98	0,89	1,59	1,07

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	7,02	2,87	0,14	0,89	0,35	1,55	0,75
	II	7,72	3,28	0,22	0,86	0,46	1,74	0,61
	III	7,13	2,63	0,23	1,05	0,83	1,16	0,65

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	82,8	67,1	102,9	104,9	71,0	68,8
II	80,0	76,3	58,2	94,9	99,8	68,9	76,2	
III	92,3	87,4	96,8	88,8	108,5	74,7	122,7	

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

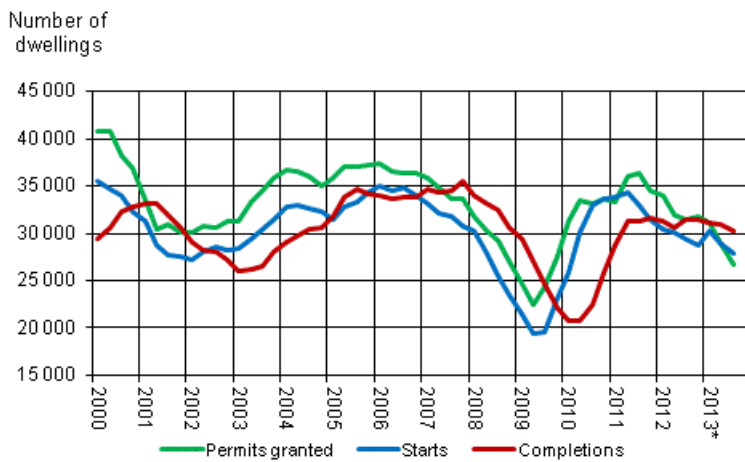
	Building permits				Starts				
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats	
2004	35 046	15 999	5 129	13 471	32 380	14 180	4 902	12 947	
2005	37 135	17 327	6 182	13 455	34 275	16 411	5 435	12 100	
2006	36 370	17 025	5 691	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	6 134	1 453	663	3 872	5 781	1 184	513	3 944
II	8 833	3 095	1 103	4 476	9 863	3 159	1 123	5 355	
III	5 187	1 721	706	2 594	6 734	2 222	825	3 525	

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	33 653	10 896	3 598	18 186	6 673	2 686	754	3 146
II	34 508	11 046	3 328	19 232	8 385	2 754	1 323	4 024
III	33 512	10 825	3 292	18 671	6 696	2 001	741	3 655

Appendix figures

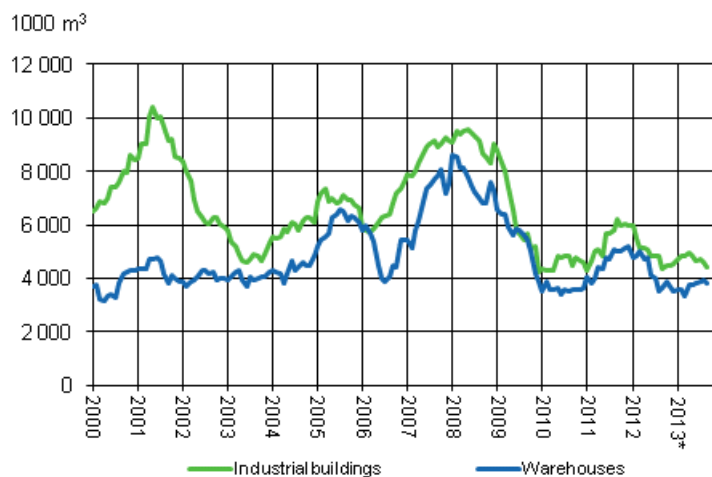
Appendix figure 1. Housing production, sliding annual sum



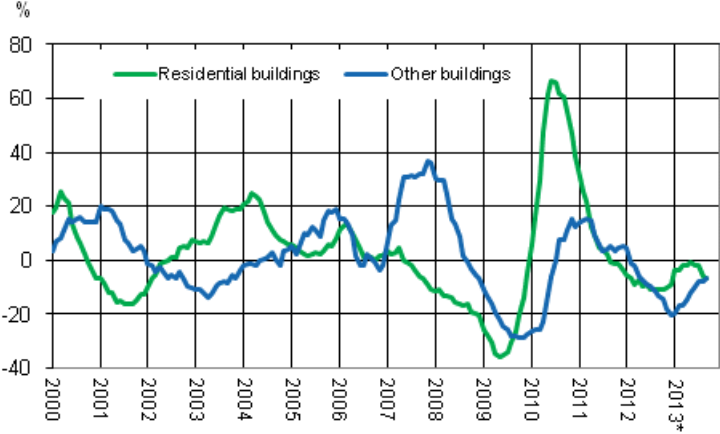
Appendix figure 2. Office and commercial buildings, sliding annual sum



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 (2013-11-27)	
2013/01	6,0	5,5	-0,5
2013/02	8,1	2,5	-5,6
2013/03	-15,7	-20,2	-4,5
2013/04	39,5	36,0	-3,5
2013/05	-2,0	-1,3	0,7
2013/06	-27,6	-25,3	2,3
2013/07	-7,2	7,6	14,8
2013/08	-20,4	-18,1	2,3

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 (2013-11-27)	
2013/01	-12,8	-12,3	0,5
2013/02	-12,1	-10,5	1,6
2013/03	-12,1	-10,2	1,9
2013/04	-10,5	-8,6	1,9
2013/05	-4,2	-6,9	-2,7
2013/06	-2,1	-6,2	-4,1
2013/07	-4,1	-5,3	-1,2
2013/08	-7,7	-7,0	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.

Suomen virallinen tilasto
Finlands officiella statistik
Official Statistics of Finland

Construction 2013

Inquiries

Merja Järvinen 09 1734 2458

Heli Suonio 09 1734 2481

Director in charge:

Hannele Orjala

rakennus.suhdanne@stat.fi

www.stat.fi

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