

Building and dwelling production

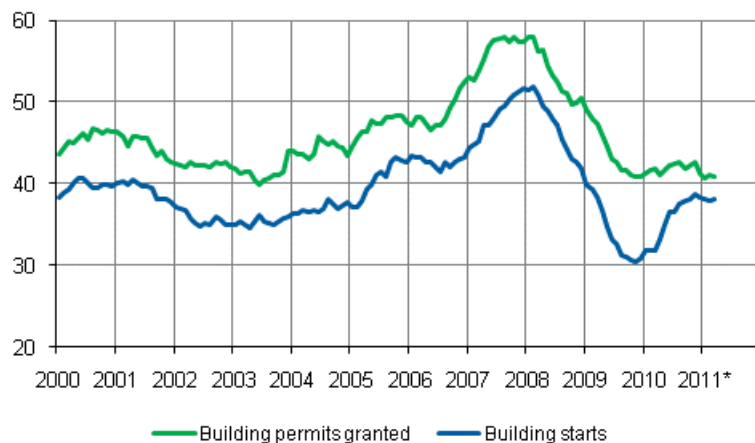
2011 March, 1st quarter

The cubic volume of granted building permits grew by good 4 per cent in the first quarter of 2011

Corrected on 1 June 2011. The correction is indicated in red. Was previously down from.

According to preliminary data of Statistics Finland's statistics on building and dwelling production, in the first quarter of 2011 building permits were granted for a total of 8.9 million cubic metres, which is 4.5 per cent **up on** one year ago. The cubic volume covered by permits for residential buildings went down by 2.9 per cent in the first quarter compared with the beginning of last year.

Granted permits and building starts, mill m3, moving annual total



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

Cubic volume covered by granted building permits grew by nearly 5 per cent in March

In March 2011, building permits were granted for a total of 3.6 million cubic metres, which is 4.8 per cent more than one year ago. The growth was biggest in the cubic volume covered by permits granted for

industrial and warehouse buildings. This is indicated by Statistics Finland's preliminary data from statistics on building and dwelling production.

The cubic volume covered by permits for residential buildings went up by 18.7 per cent in March. The biggest growth, about 70 per cent, was recorded for the cubic volume of residential blocks of flats. The cubic volume covered by permits for terraced houses went up by around one quarter. In contrast, the cubic volume covered by permits for detached houses fell by close on nine per cent.

In March 2011, building permits were granted for 3,251 new dwellings, which is 36.2 per cent more than one year earlier. The number of permits granted for dwellings built in residential blocks of flats grew by over 85 per cent and the corresponding figure for terraced houses was nearly 16 per cent. The number of permits granted for detached houses went down by 5.4 per cent.

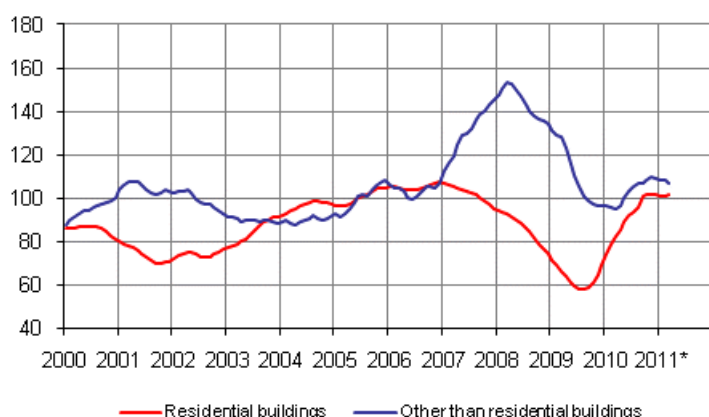
According to the final data for 2010, the cubic volume of all buildings grew by one per cent from 2009. The cubic volume covered by permits for residential buildings went up by 29.8 per cent. The cubic volume covered by permits for commercial and office buildings fell by 18.6 per cent and for public service buildings by 15.1 per cent.

Volume of newbuilding went up by over 19 per cent in March

In March 2011, the constant-price value or the volume of ongoing building production was up by 19.4 per cent year-on-year. The volume of residential building increased most, or by 27.4 per cent from one year before.

In residential building the volume of blocks of flats particularly continued to grow strongly. The volumes have also been growing in the construction of terraced houses and detached houses during the year. The volume of blocks of flats grew by 44.8 per cent, terraced houses by 36.4 per cent and that of detached houses by 16.9 per cent. The volume of other than residential building construction grew by 12.5 per cent from March 2010.

Volume index for newbuilding 2005=100, trend



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Appendix tables

Appendix table 1. Building permits (1000 m3)

Building type	3/2011*	Annual change% ¹⁾	1-3/2011*	Annual change% ¹⁾	Variable annual sum*	Annual change% ¹⁾
All buildings	3 613	5	8 920	5	40 803	-1
Residential buildings	1 273	19	2 712	-3	13 636	14
Free-time residential buildings	85	-25	180	-29	1 204	-6
Commercial and office buildings	604	-29	1 645	-5	6 852	-22
Public service buildings	150	-56	466	-39	2 745	-23
Industrial and warehouse buildings	908	127	2 447	51	8 938	16
Agricultural buildings	378	-16	998	13	4 368	-7
Other buildings	215	-3	473	-4	3 061	-1

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
2008	50 549	11 741	1 463	9 187	3 063	16 309	5 362
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
	III	3 879	1 212	127	878	424	431
	IV	3 550	1 292	119	407	304	589
	V	4 799	1 604	153	676	378	1 221
	VI	5 581	1 736	187	954	419	1 088
	VII	2 145	806	106	190	169	466
	VIII	3 056	1 099	93	380	246	623
	IX	3 507	1 231	112	446	284	751
	X	3 276	1 229	112	562	163	694
	XI	3 435	1 061	91	1 007	167	527
	XII	2 535	866	51	584	148	531
2011*	I	2 204	667	35	411	82	722
	II	3 103	772	59	629	234	817
	III	3 613	1 273	85	604	150	908

Appendix table 3. Building permits for dwellings (No.)

Building type	3/2011*	Annual change%	1-3/2011*	Annual change%	Variable annual sum*	Annual change%
All buildings	3 251	36	6 814	-1	32 959	7
Detached houses	955	-5	2 033	-8	11 843	11
Attached houses	369	16	776	6	3 784	18
Blocks of flats	1 894	85	3 948	1	16 493	4
Other than residential buildings	33	-8	57	-16	839	-15

Appendix table 4. Building permits by region

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
	1-3/2011*	1-3/2010	1-3/2011*	1-3/2010	1-3/2011*	1-3/2010
All regions	8 920	9 325	6 814	7 497	857	1 162
Continental Finland	8 914	9 264	6 808	7 426	853	1 148
Uusimaa	2 364	3 053	2 831	2 751	59	53
Metropolitan area	1 585	2 257	2 202	2 000	6	7
Itä-Uusimaa	.	102	.	117	.	13
Varsinais-Suomi	693	800	536	504	103	159
Satakunta	236	278	245	147	21	40
Kanta-Häme	826	181	195	229	29	23
Pirkanmaa	721	746	612	1 119	59	72
Päijät-Häme	184	421	226	81	51	52
Kymenlaakso	218	101	108	116	35	36
South Karelia	170	299	78	96	25	34
Etelä-Savo	214	321	46	66	77	142
Pohjois-Savo	248	401	146	254	42	62
North Karelia	198	189	177	154	36	47
Central Finland	313	312	306	251	58	113
South Ostrobothnia	505	445	200	261	19	33
Ostrobothnia	489	316	290	237	57	40
Central Ostrobothnia	108	277	48	59	20	12
North Ostrobothnia	709	719	520	719	60	92
Kainuu	111	98	75	63	24	36
Lapland	606	205	169	202	78	89
Åland	6	61	6	71	4	14

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
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
III	76,3	69,6	75,1	108,7	106,7	64,5	59,6
IV	78,1	72,2	72,1	108,1	104,9	65,6	59,7
V	85,2	77,5	83,4	119,5	115,0	64,3	63,3
VI	94,9	85,4	100,3	122,5	121,4	74,3	79,8
VII	101,3	92,3	122,6	122,0	122,2	74,9	99,8
VIII	108,8	102,1	142,1	127,8	123,3	77,4	113,2
IX	114,3	112,1	151,8	125,7	125,6	79,4	123,5
X	116,7	116,5	153,2	124,2	128,5	83,0	128,4
XI	114,8	113,8	139,4	124,6	134,9	86,4	128,5
XII	107,0	106,0	121,4	122,0	122,7	86,7	115,2
2011* I	105,0	103,3	110,6	124,8	126,3	89,3	103,5
II	96,6	93,6	92,9	124,8	122,3	84,7	86,4
III	91,1	88,7	80,2	117,3	119,5	81,0	71,7

Appendix table 6. Newbuilding 1. quarter, 2011*, mill m3

Building type	Building permits granted		Building starts		Building completions	
	1. quarter	%-change 2010/2011	1. quarter	%-change 2010/2011	1. quarter	%-change 2010/2011
All buildings	8,91	4	5,66	-3	8,07	25
Residential buildings	2,71	-3	2,29	14	2,96	54
Free-time residential buildings	0,18	-30	0,16	2	0,16	15
Commercial and office buildings	1,64	-5	1,26	-24	2,14	56
Public service buildings	0,47	-39	0,46	-3	0,50	89
Industrial and warehouse buildings	2,45	51	0,96	1	1,12	-26
Agricultural buildings	0,99	12	0,31	6	0,77	-13
Non-residential buildings	0,47	-4	0,22	-23	0,43	21

Appendix table 7. Building permits, mill m3

Year and quater	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings	
2002	42,00	12,57	1,28	6,28	4,02	9,89	5,33	
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	
	I	9,32	3,03	0,28	1,89	0,85	1,73	0,98
	II	13,93	4,63	0,46	2,04	1,10	2,90	1,59
	III	8,71	3,14	0,31	1,02	0,70	1,84	0,91
	IV	9,25	3,16	0,25	2,15	0,48	1,75	0,87
2011*	I	8,91	2,71	0,18	1,64	0,47	2,45	0,99

Appendix table 8. Building starts, mill 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	
2002	35,03	11,09	1,00	4,84	3,84	7,92	4,41	
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	
	I	5,84	2,01	0,15	1,67	0,47	0,96	0,29
	II	14,18	4,73	0,43	2,10	1,27	3,30	1,42
	III	10,41	3,95	0,38	1,30	0,74	1,98	1,24
	IV	7,94	2,90	0,20	1,35	0,60	1,66	0,78
2011*	I	5,66	2,29	0,16	1,26	0,46	0,96	0,31

Appendix table 9. Building completions, mill 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	
2002	35,84	10,56	0,98	5,02	2,96	10,41	4,22	
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	
	I	7,21	2,00	0,16	1,51	0,46	1,66	1,01
	II	7,73	2,86	0,28	1,84	0,43	1,21	0,60
	III	7,69	2,45	0,31	1,19	0,95	1,55	0,64
	IV	10,37	3,27	0,33	1,27	0,68	2,54	1,57
2011*	I	8,07	2,96	0,16	2,14	0,50	1,12	0,77

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	
2002	85,8	73,9	83,2	96,3	122,0	99,5	104,3	
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	
I	80,6	73,0	86,5	111,1	108,7	69,2	74,9	
II	86,1	78,4	85,3	116,7	113,7	68,1	67,6	
III	108,1	102,2	138,9	125,2	123,7	77,2	112,2	
IV	112,8	112,1	138,0	123,6	128,7	85,3	124,0	
2011*	I	97,6	95,2	94,5	122,3	122,7	85,0	87,2

Appendix table 11. Dwelling construction by building type 2002-2011, number, permits and starts

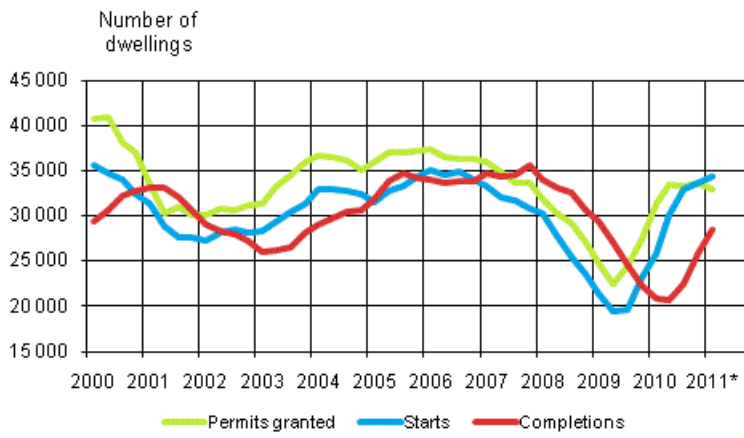
	Building permits				Starts				
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats	
2002	31 235	12 573	4 536	13 653	28 154	10 801	4 094	12 871	
2003	35 923	14 919	5 821	14 713	31 377	13 078	4 899	13 042	
2004	35 046	15 999	5 129	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	
I	7 497	2 411	849	4 170	5 334	1 438	636	3 241	
II	10 574	4 524	1 417	4 190	10 972	4 648	1 367	4 791	
III	7 486	3 044	827	3 446	9 681	3 660	1 047	4 535	
IV	8 085	2 242	764	4 909	7 725	2 358	772	4 340	
2011*	I	6 801	2 024	772	3 948	5 883	1 608	618	3 550

Appendix table 12. Dwelling constructions by building type 2002-2011, number, under construction and completions

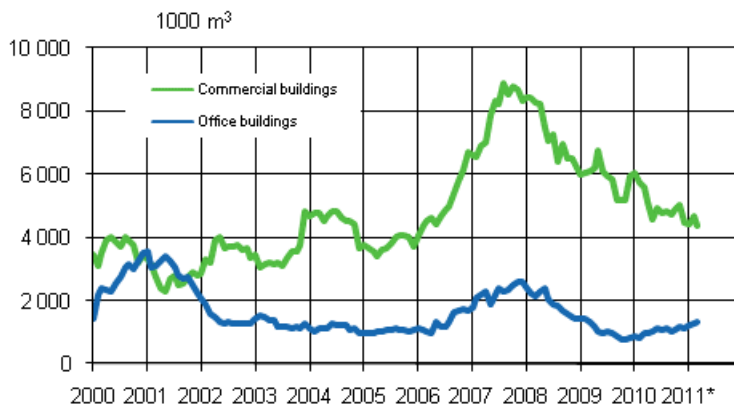
	Under construction				Completions			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2002	35 145	17 094	4 236	12 960	27 171	10 335	3 793	12 539
2003	38 041	19 267	4 878	13 211	28 101	10 807	4 303	12 557
2004	39 448	20 159	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
I	29 376	10 575	2 473	15 463	4 507	2 246	583	1 556
II	33 566	12 327	2 971	17 308	6 812	2 898	903	2 940
III	36 782	13 746	3 514	18 517	6 423	2 232	494	3 304
IV	36 380	13 040	3 418	18 856	8 152	3 108	887	3 962
2011* I	33 651	11 370	3 066	18 100	7 180	2 760	832	3 569

Appendix figures

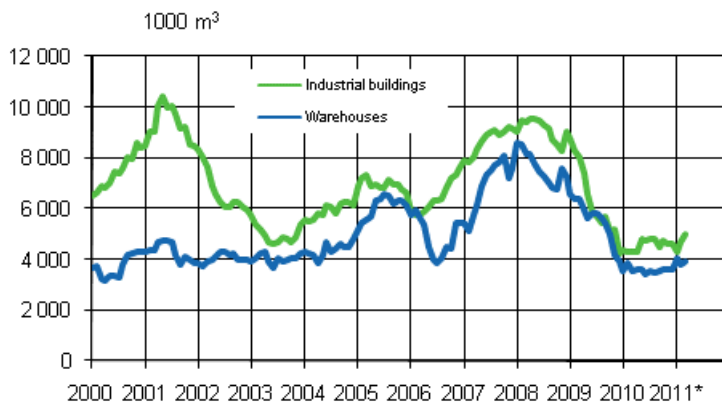
Appendix figure 1. Housing production (sliding annual sum)



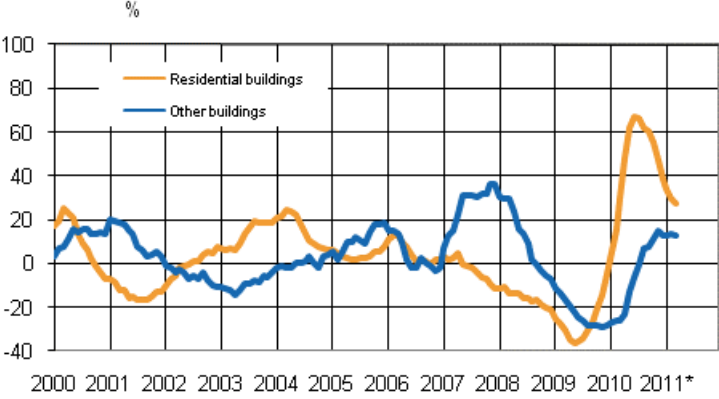
Appendix figure 2. Office buildings (sliding annual sum)



Appendix figure 3. Industrial and warehouses (sliding annual sum)



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



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Source: Building and dwelling production, Statistics Finland