

Building and dwelling production

2010 September, 3. quarter

Cubic volume covered by granted building permits decreased by 13 per cent in September

In September 2010, building permits were granted for a total of 3.2 million cubic metres, which is 13 per cent less than one year ago. This is indicated by Statistics Finland's preliminary data from statistics on building and dwelling production.

Over the January to September period, the cubic volume covered by granted building permits grew by five per cent from the previous year. The cubic volume covered by permits for residential buildings grew by 40 per cent and that of permits for public service buildings by 19 per cent. By contrast, the cubic volume covered by permits for commercial and office buildings decreased by 18 per cent from the respective time period of the year before.

Granted permits, moving annual total



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

In September, the cubic volume covered by permits for residential buildings diminished by 10 per cent and the volume covered by permits for residential blocks of flats in particular fell by 40 per cent from the previous year's September. The cubic volume of permits for detached houses went up by nearly one-quarter and the volume of permits for terraced houses by good one-fifth. The cubic volume covered by permits

for other than residential buildings diminished year-on-year. Growth was only recorded in the cubic volume of permits for agricultural buildings.

In September 2010, building permits were granted for 2,698 new dwellings, which is 17 per cent fewer than one year earlier. The number of permits granted for detached and terraced houses went up by good one-quarter. Permits for residential blocks of flats decreased by one-third.

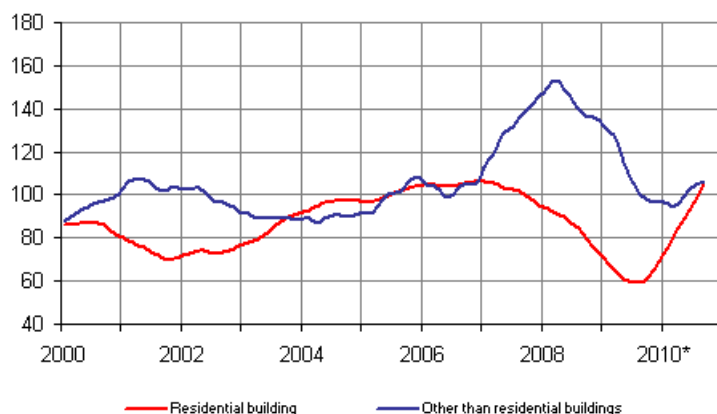
Volume of newbuilding went up by nearly 30 per cent in September

In September 2010, the constant-price value or the volume of ongoing building production was up by nearly 30 per cent year-on-year. The volume of residential building increased most, or by 63 per cent from one year before. The strong growth was due to the exceptionally low volume of residential building in 2009.

In residential building, strong growth continued especially in the volume of construction of terraced houses. Volumes have also grown briskly in the construction of residential blocks of flats and detached houses during the current year. The volume of other than residential building construction grew by 6.8 per cent from September 2009.

The largest fall in volume of nearly 21 per cent. The volume of office building construction also decreased by 11 per cent year-on-year.

Volume index for newbuilding 2005=100, trend



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Appendix tables

Appendix table 1. Building permits (1000 m3)

Building type	9/2010*	Annual change% ¹⁾	1-9/2010*	Annual change% ¹⁾	Variable annual sum*	Annual change% ¹⁾
All buildings	3 165	-13	30 437	5	40 370	2
Residential buildings	1 081	-10	10 307	40	13 202	44
Free-time residential buildings	99	-15	1 000	14	1 286	11
Commercial and office buildings	434	-25	4 806	-18	7 265	0
Public service buildings	264	-23	2 550	19	3 676	46
Industrial and warehouse buildings	708	-17	6 006	-4	7 591	-30
Agricultural buildings	337	38	3 302	-19	4 250	-27
Other buildings	241	-13	2 466	7	3 099	6

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	
2007	57 396	14 892	1 536	12 534	2 615	16 708	5 503	
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	
	IX	4 342	1 404	128	657	537	1 023	306
	X	2 897	1 027	109	589	247	418	246
	XI	3 141	982	92	684	237	646	311
	XII	3 895	886	85	1 186	642	521	391
2010*	I	2 595	842	74	594	212	538	193
	II	2 748	947	75	416	209	699	254
	III	3 784	1 199	124	878	367	423	522
	IV	3 458	1 264	115	397	297	574	510
	V	4 616	1 478	147	675	372	1 195	376
	VI	5 072	1 676	178	846	415	808	649
	VII	2 034	759	98	188	168	461	126
	VIII	2 965	1 062	90	379	246	601	334
	IX	3 165	1 081	99	434	264	708	337

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

Building type	9/2010*	Annual change%	1-9/2010*	Annual change%	Variable annual sum*	Annual change%
All buildings	2 698	-17	24 367	32	32 009	40
Detached houses	1 031	27	9 479	44	12 145	47
Attached houses	230	28	2 902	95	3 950	98
Blocks of flats	1 357	-33	11 290	17	15 089	28
Other than residential buildings	80	-63	696	-7	825	-3

Appendix table 4. Building permits by region

Region	Volume (1000 m3)		Dwellings (No.)		Free time residential buildings (No.)	
	1-9/2010*	1-9/2009	1-9/2010*	1-9/2009	1-9/2010*	1-9/2009
All regions	30 437	30 872	24 367	19 871	4 396	4 509
Continental Finland	30 264	30 656	24 232	19 697	4 330	4 432
Uusimaa	7 245	7 708	8 111	6 829	171	192
Metropolitan area	5 322	5 205	6 348	5 486	17	12
Itä-Uusimaa	668	319	593	231	55	76
Varsinais-Suomi	2 508	2 699	1 706	1 671	423	419
Satakunta	1 100	991	606	445	164	178
Kanta-Häme	1 008	790	637	576	109	119
Pirkanmaa	2 397	2 786	2 528	1 859	334	329
Päijät-Häme	1 081	1 021	737	741	172	191
Kymenlaakso	589	1 018	395	330	147	170
South Karelia	815	698	409	300	156	176
Etelä-Savo	924	835	416	241	447	441
Pohjois-Savo	1 396	1 464	1 110	866	249	257
North Karelia	881	803	677	507	199	201
Central Finland	1 691	1 450	1 203	1 065	348	325
South Ostrobothnia	1 674	1 896	999	669	110	102
Ostrobothnia	1 455	1 907	692	646	207	203
Central Ostrobothnia	599	665	269	284	36	56
North Ostrobothnia	2 390	2 147	2 064	1 858	364	328
Kainuu	395	315	238	134	178	177
Lapland	1 448	1 143	842	445	461	492
Åland	173	215	135	174	66	77

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	
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	
	IX	88,5	69,8	122,6	114,1	109,9	85,2	128,9
	X	89,6	75,1	123,9	109,8	110,3	81,6	125,0
	XI	88,6	77,4	116,1	107,0	108,1	77,2	120,0
	XII	86,0	76,6	101,7	111,1	110,4	73,0	103,5
2010*	I	85,6	77,3	100,6	112,3	117,7	69,4	93,1
	II	80,0	72,4	86,1	112,1	114,7	66,5	71,8
	III	76,3	69,8	74,9	107,9	113,6	60,8	60,6
	IV	78,6	72,8	72,1	107,0	112,4	63,6	60,8
	V	85,6	78,2	83,3	118,8	122,0	61,3	63,8
	VI	95,3	86,2	100,8	121,2	129,0	69,6	81,2
	VII	101,5	93,4	124,4	120,5	123,7	70,3	101,8
	VIII	109,5	103,6	143,5	125,5	126,7	74,0	115,1
	IX	114,9	113,9	156,4	122,6	130,2	73,9	124,1

Appendix table 6. Newbuilding 3. quarter, 2010*, mill m3

Corrected on 1 December 2010. The corrections are indicated in red.

Building type	Building permits granted		Building starts		Building completions	
	3. quarter	%-change 2009/2010	3. quarter	%-change 2009/2010	3. quarter	%-change 2009/2010
All buildings	8,16	4	10,55	21	6,98	-9
Residential buildings	2,90	11	4,01	53	2,41	24
Free-time residential buildings	0,29	-4	0,38	27	0,27	-11
Commercial and office buildings	1,00	-23	1,28	-18	1,18	-12
Public service buildings	0,68	8	0,76	6	0,91	-5
Industrial and warehouse buildings	1,77	2	2,04	17	1,13	-42
Agricultural buildings	0,80	51	1,22	20	0,56	0
Non-residential buildings	0,73	-3	0,86	12	0,52	-11

Appendix table 7. Building permits, 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
2001	42,56	11,89	1,20	6,34	3,57	12,32	4,77
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
I	8,18	1,54	0,19	1,67	0,87	2,06	1,39
II	13,67	3,30	0,42	3,11	0,84	2,57	2,27
III	9,02	3,02	0,32	1,48	0,84	1,94	0,61
IV	9,93	2,90	0,29	2,46	1,13	1,59	0,95
2010*	9,13	2,99	0,27	1,89	0,79	1,66	0,97
II	13,15	4,42	0,44	1,92	1,08	2,58	1,54
III	8,16	2,90	0,29	1,00	0,68	1,77	0,80

Appendix table 8. Building starts, mill m3 (raised)

Year and quarter	All buildings	Residential buildings	Free-time residential buildings	Commercial and office buildings	Public service buildings	Industrial and warehouse buildings	Agricultural buildings	
2001	37,80	10,73	0,99	5,71	2,95	11,59	4,10	
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	
	I	4,93	1,06	0,13	0,59	0,75	1,74	0,36
	II	9,41	2,78	0,35	1,71	0,52	1,62	1,63
	III	9,26	2,78	0,32	1,67	0,75	1,81	1,11
	IV	7,90	2,58	0,18	1,86	0,91	1,41	0,52
2010*	I	5,69	2,03	0,14	1,57	0,48	0,87	0,31
	II	13,95	4,81	0,45	2,06	1,26	2,96	1,47
	III	10,55	4,01	0,38	1,28	0,76	2,04	1,22

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	
2001	39,02	11,64	1,00	7,03	2,92	10,57	4,27	
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	
	I	10,45	2,68	0,23	2,72	0,24	3,27	0,78
	II	10,09	3,00	0,27	2,21	0,68	2,85	0,56
	III	9,11	2,08	0,35	1,96	1,05	2,33	0,68
	IV	8,99	2,19	0,29	1,66	0,47	2,21	1,43
2010*	I	6,98	1,97	0,15	1,50	0,46	1,57	0,94
	II	7,37	2,78	0,25	1,78	0,42	1,11	0,55
	III	6,98	2,41	0,27	1,18	0,91	1,13	0,56

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
2001	88,6	73,8	83,0	118,7	102,4	112,9	98,8
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
I	90,8	63,1	87,7	158,2	109,8	136,9	71,2
II	78,5	49,4	73,1	141,4	112,9	107,8	73,0
III	85,3	62,8	111,2	118,4	107,6	88,8	120,4
IV	88,0	76,4	113,9	109,3	109,6	77,2	116,2
2010*	80,6	73,2	87,2	110,8	115,3	65,6	75,1
II	86,5	79,0	85,4	115,7	121,1	64,8	68,6
III	108,6	103,6	141,4	122,9	126,9	72,7	113,7

Appendix table 11. Dwelling construction by building type 2001-2010, number, permits and starts (starts raised)

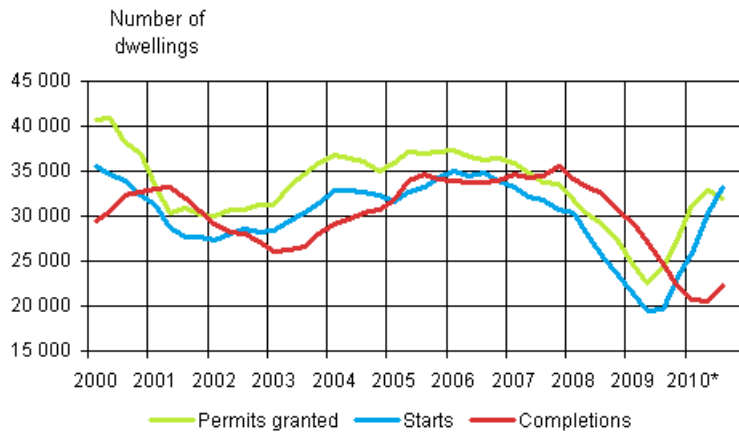
	Building permits				Starts			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2001	30 162	11 154	4 452	13 974	27 625	10 195	3 684	13 117
2002	31 235	12 573	4 536	13 653	28 154	10 801	4 094	12 871
2003	35 923	14 919	5 821	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
I	3 673	1 206	248	2 182	2 559	978	276	1 245
II	8 383	3 243	726	3 881	6 761	2 810	516	3 108
III	7 815	2 535	706	4 319	6 887	2 824	593	3 278
IV	7 642	2 666	1 048	3 799	6 923	2 303	726	3 758
2010*	7 412	2 356	830	4 157	5 410	1 432	650	3 310
II	10 043	4 328	1 309	3 953	11 112	4 735	1 339	4 848
III	6 912	2 795	763	3 180	9 799	3 807	1 099	4 366

Appendix table 12. Dwelling constructions by building type 2001-2010, number, under construction and completions

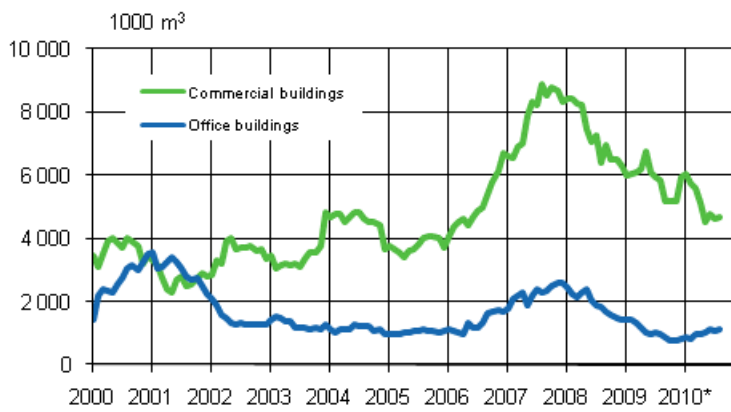
	Under construction				Completions			
	Dwellings total	Detached houses	Attached houses	Blocks of flats	Dwellings total	Detached houses	Attached houses	Blocks of flats
2001	34 617	16 689	3 910	13 075	30 592	10 654	4 588	14 901
2002	35 145	17 094	4 236	12 960	27 171	10 335	3 793	12 539
2003	38 041	19 267	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
I	24 497	11 945	2 308	9 477	5 930	2 879	618	2 188
II	24 331	11 558	1 948	9 854	6 826	3 115	862	2 725
III	26 433	12 191	2 067	11 152	4 679	2 089	477	1 976
IV	28 515	11 893	2 418	13 306	4 766	2 537	368	1 604
2010* I	28 946	10 483	2 416	15 189	4 479	2 226	579	1 552
II	32 667	11 979	2 792	16 934	6 626	2 861	900	2 804
III	34 152	12 691	3 190	17 273	6 397	2 185	474	3 348

Appendix figures

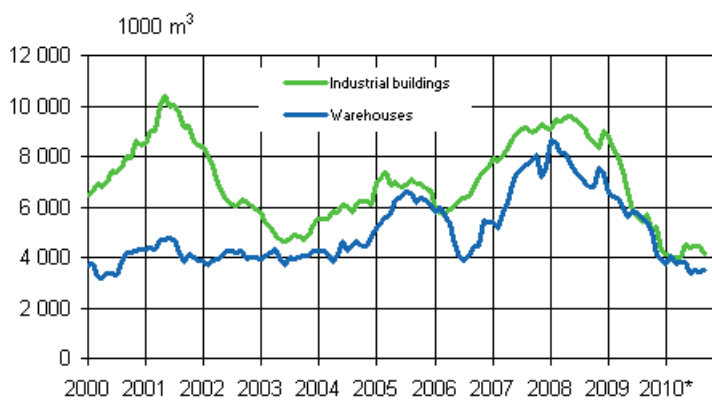
Appendix figure 1. Housing production (sliding annual sum)



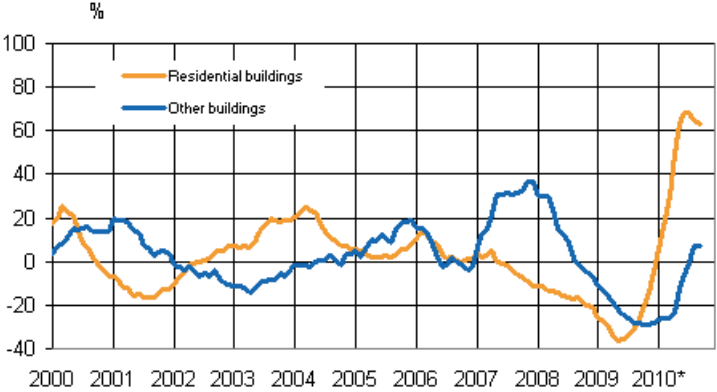
Appendix figure 2. Office buildings (sliding annual sum)



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