

2016

STATISTICAL OVERVIEW OF THE CONSTRUCTION SECTOR OF THE REPUBLIC OF CROATIA

January - December 2016

*Overview of basic statistical data in construction sector according to
National statistical agency (DZS) & Financial Agency (FINA)*





CROATIAN CHAMBER OF ECONOMY

CONSTRUCTION AND UTILITY SERVICES DEPARTMENT
CONSTRUCTION DEPARTMENT

Overview of Basic Statistical Data in Construction Sector of the RC

PERIOD: JANUARY-DECEMBER 2016

May, 2017

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Value of works, Number of Employees and Productivity

Value of Works, Number of Employees and Productivity in 2016

VALUE OF WORKS, NUMBER OF EMPLOYEES, PRODUCTIVITY

PERIOD: 2003- 2016

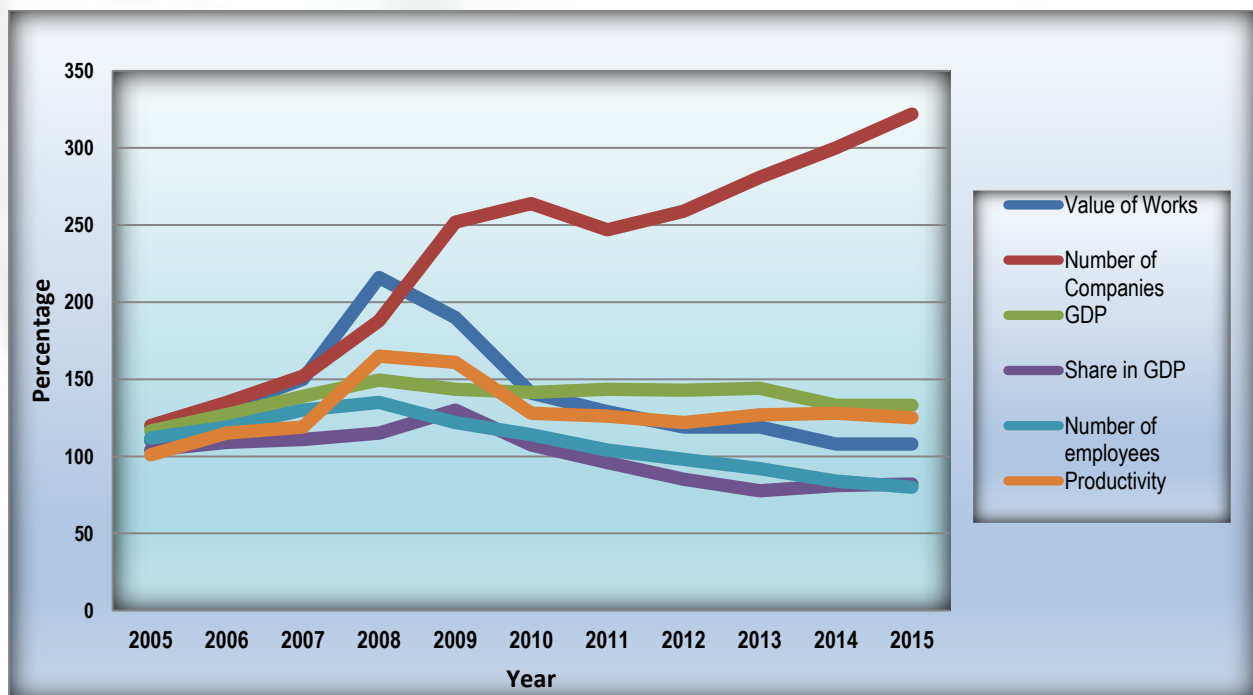
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Year	Total Income	%	Value of Works	%	Value of Works	%	GDP	% in GDP	Active Comp.	%	Empl.	%	Prod. / Empl.	%
	mill. HRK		.000 HRK		.000 €		mill. HRK	%					€	
2003	37,443	100%	16,190,009	100%	2,140,572	100%	228,932	5.90	5,979	100%	80,089	100%	26,727	100%
2004	41,327	110%	16,899,253	104%	2,254,686	105%	247,428	6.40	6,416	107%	84,642	106%	26,638	100%
2005	44,560	119%	17,807,328	110%	2,406,335	112%	266,652	6.60	7,159	120%	89,524	112%	26,879	101%
2006	53,351	142%	21,430,104	132%	2,926,470	137%	291,044	6.80	8,084	135%	95,249	119%	30,724	115%
2007	57,951	155%	24,299,155	150%	3,312,308	155%	318,308	6.90	9,063	152%	104,142	130%	31,803	119%
2008	69,230	185%	34,915,314	216%	4,766,970	223%	342,159	7.20	11,244	188%	108,260	135%	44,033	165%
2009	58,462	156%	30,714,772	190%	4,193,472	196%	328,672	6.90	15,090	252%	97,503	122%	43,009	161%
2010	47,713	127%	22,808,572	141%	3,114,042	145%	323,807	5.80	15,781	264%	91,052	114%	34,201	128%
2011	44,820	120%	20,821,802	129%	2,842,789	133%	328,737	5.30	14,784	247%	83,607	104%	33,765	126%
2012	40,104	107%	19,226,934	119%	2,563,591	120%	327,021	4.70	15,497	259%	78,579	98%	32,624	122%
2013	39,736	106%	18,950,827	117%	2,500,109	117%	330,135	4.50	16,815	281%	73,832	92%	33,862	127%
2014	41,598	111%	17,527,688	108%	2,288,209	107%	328,927	4.30	17,947	300%	72,028	90%	31,768	119%
2015	40,311	108%	19,152,159	118%	2,506,827	117%	334,219	5.00	19,240	322%	68,676	86%	36,502	137%
2016	-	-	19,870,379	123%	2,649,384	124%	14,907	5.13	12,990	217%	68,653	76%	38,591	144%
2016 / 2015	-	-	More:	3.75%	More:	5.69%	-	-	Less:	32.48%	Less:	0.01%	More:	5.72%

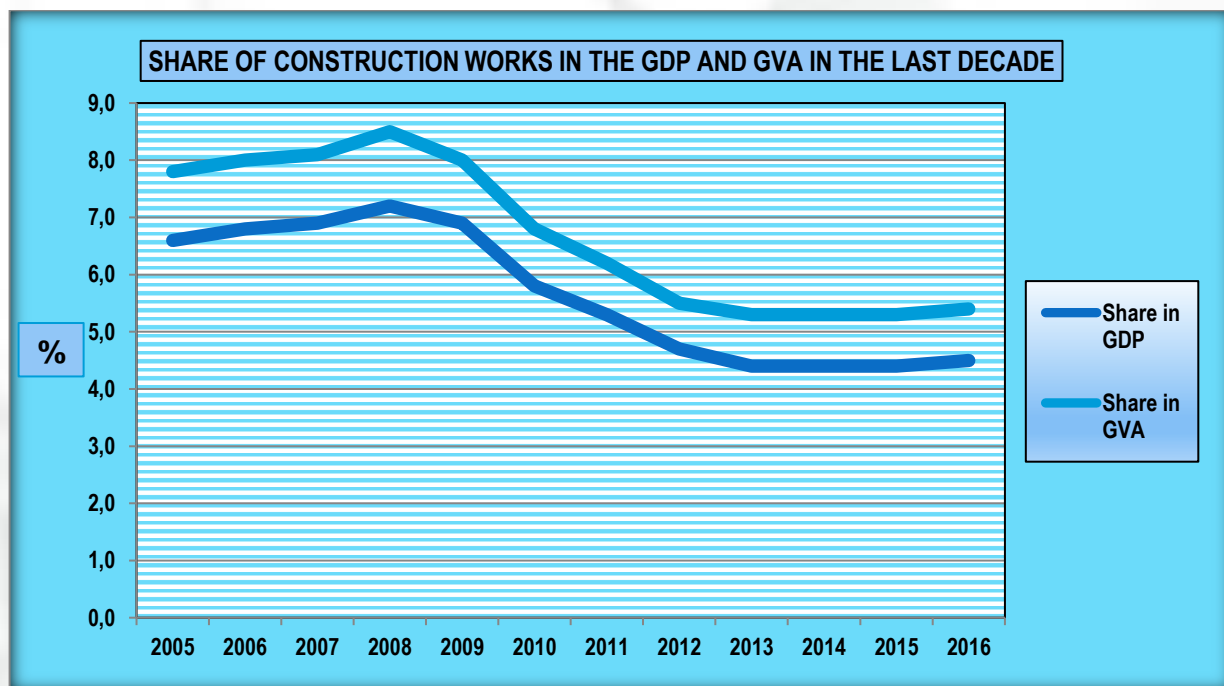
Note: The expressed values are calculated on the basis of the CNB's foreign currency exchange rate pair; Source: CBS Announcement, Completed Construction Works I.-VI. 2016, No.3.1.2 / 2, September 14th 2016; Persons in paid employment by activities VI. 2015, No.9.2.1 / 6, July, 30th 2015; Employed by activities VI. 2016, No.9.2.1 / 6, July 29th 2016; CBS briefings are presented in the Overview of Basic Statistical Indicators in Construction I.-VI. 2015; CBS briefings are presented in the Overview of Basic Statistical Indicators in Construction I.-XII. 2015; FINA 2016; Data processed & compiled by C&USD of CCE

VALUE OF WORKS, NUMBER OF EMPLOYEES, PRODUCTIVITY

PERIOD: 2005 - 2015

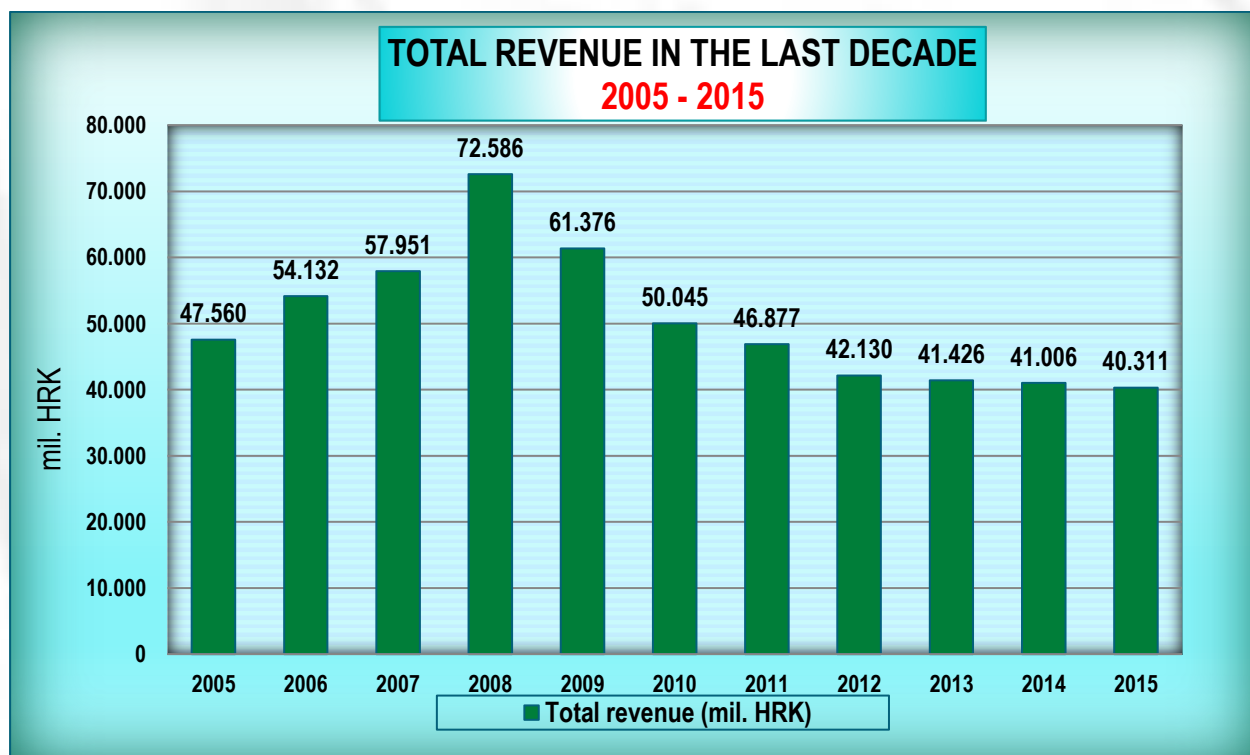


Source: CBS, FINA; Data processed, compiled & graphically created by C&USD of CCE



Comparison of a Total Revenue in the Previous Period, 2008 - 2015

FINA's data show that the total construction income in 2015, compared to the total construction income in 2014 (HRK 41,598,000,000), **decreased by 3.10% - HRK 40,311,000,000 (€ 5,374,800,000)**. According to the same source the total construction income, in relation to the pre-crisis year 2008, was lower by 41.77% (HRK 69.230.000.000).



Value of Works Done, 2013 - 2016

Value of completed works from January to December 2016 amounts to HRK 19,870,379,000 (€ 2,649,384,000) and **is higher by 3.75%** compared to the same period in 2015 (HRK 19,152,159,000). **Compared to the same period in 2008 it is lower by 43.10%**, when the value of completed works was (HRK 34.915.314.000).

Looking by the quarters, the value of completed works in the fourth quarter of 2016 was 3.93% higher than in the same period of 2015, and was by 13.48% higher than in the third quarter of 2015. Of this, 43.70% refers to the residential construction and 56.3% to other buildings.

Quarterly figures show that the value of completed works in the fourth quarter of 2015 (HRK 5,695,745,000) was 43.10% lower than in the same period of 2008 (HRK 10,009,074,000), while it was lower by 41.20% compared to the third quarter of 2008 (HRK 9,682,761,000).

VALUE OF CONSTRUCTION WORKS DONE

PERIOD: JANUARY-DECEMBER 2013

	Value of construction works done			Value of building material, complete units and structures and propulsion material used
	Total	Works done with own workers	Works done with sub-contractors	
Jan -Mar 2013	3,547,859	2,536,821	1,011,038	943,953
Apr - Jun 2013	5,198,119	3,746,334	1,451,785	1,423,087
Jul - Sep 2013	4,910,332	3,470,511	1,439,821	1,366,738
Oct - Dec 2013	5,294,517	3,663,058	1,631,459	1,320,841
Jan - Dec 2013	18,950,827	13,416,724	5,534,103	5,054,619

Source: CBS Announcement, Completed Construction Works I.-XII. 2013, No.3.1.2 / 4, March 17th 2014; Data processed & compiled by C&USD of CCE

PERIOD: JANUARY-DECEMBER 2014

	Value of construction works done			Value of building material, complete units and structures and propulsion material used
	Total	Works done with own workers	Works done with sub-contractors	
Jan -Mar 2014	3,408,384	2,342,769	1,065,615	847,096
Apr - Jun 2014	4,665,851	3,271,078	1,394,773	1,226,493
Jul - Sep 2014	4,436,650	3,240,672	1,195,978	1,188,898
Oct - Dec 2014	5,016,803	3,629,440	1,387,363	1,337,314
Jan - Dec 2014	17,527,688	12,483,959	5,043,729	4,599,801

Source: CBS Announcement, Completed Build. Papers I.-XII. 2014, No.3.1.2 / 4, March 13th 2015; Data processed & compiled by C&USD of CCE

PERIOD: JANUARY-DECEMBER 2015

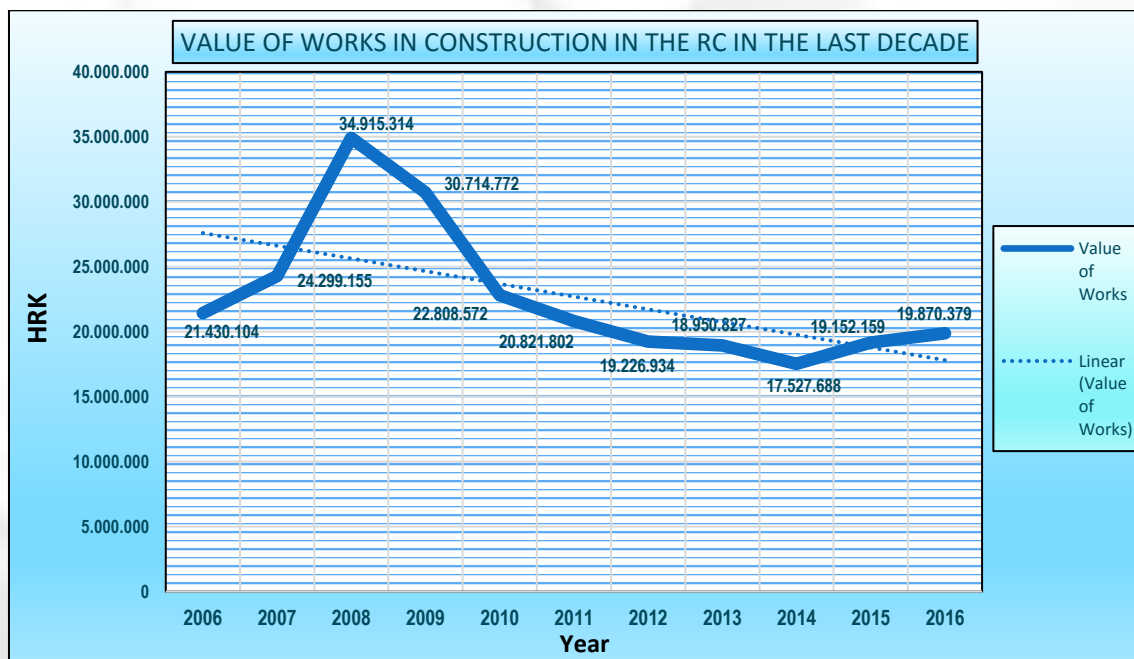
	Value of construction works done			Value of building material, complete units and structures and propulsion material used
	Total	Works done with own workers	Works done with sub-contractors	
Jan -Mar 2015	3,538,808	2,562,980	975,828	934,017
Apr - Jun 2015	5,113,930	3,541,528	1,572,402	1,351,843
Jul - Sep 2015	5,019,222	3,481,041	1,538,181	1,295,572
Oct - Dec 2015	5,480,199	3,814,301	1,665,898	1,333,417
Jan - Dec 2015	19,152,159	13,399,850	5,752,309	4,914,849

Source: CBS Announcement, Completed Construction Works I.-XII. 2015, No.3.1.2 / 4, March 15th 2016; Data processed & compiled by C&USD of CCE

PERIOD: JANUARY-DECEMBER 2016

	Value of construction works done			Value of building material, complete units and structures and propulsion material used
	Ukupno	Works done with own workers	Works done with sub-contractors	
Jan -Mar 2016	3,978,525	2,712,842	1,265,683	869,550
Apr - Jun 2016	5,241,507	3,683,737	1,557,770	1,245,724
Jul - Sep 2016	4,954,602	3,519,201	1,435,401	1,215,045
Oct - Dec 2016	5,695,745	4,117,306	1,578,439	1,352,054
Jan - Dec 2016	19,870,379	14,033,086	5,837,293	4,682,373

Source: CBS Announcement, Completed Construction Works I.-XII. 2016, No.3.1.2 / 4, March 14th 2017; Data processed & compiled by C&USD of CCE



INDICES OF CONSTRUCTION WORKS ON TERRITORY OF REPUBLIC OF CROATIA, Value of completed works

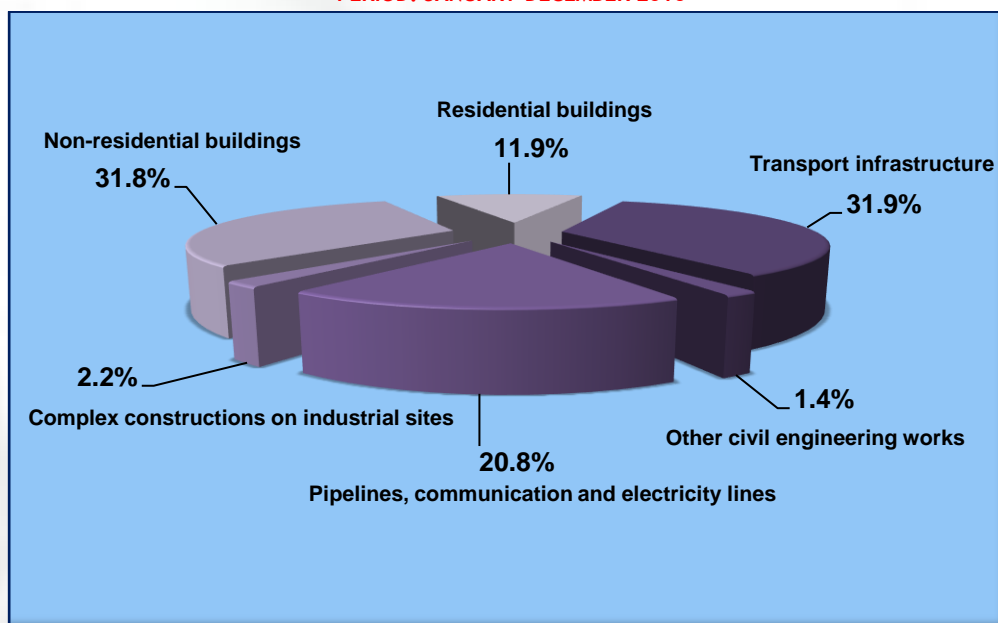
PERIOD: 2012 - 2016

Indices								
Value of construction works done	I – XII 2016 I – XII 2008	I – XII 2012 I – XII 2011	I – XII 2013 I – XII 2012	I – XII 2014 I – XII 2013	I – XII 2015 I – XII 2014	VII – XII 2016 I – VII 2016	X – XII 2016 VII – IX 2016	I – XII 2016 I – XII 2015
	56.9	95.3	93.8	93.0	109.27	115.5	114.9	103.7

Source: CBS Announcement, Completed Construction Works I.-XII. 2008, No.3.1.2 / 4, March 12th 2009; CBS Announcement, Completed Construction Works I.-XII. 2012, No.3.1.2 / 4, March 15th 2013; CBS Announcement, Completed Construction Works I.-XII. 2013, No.3.1.2 / 4, March 17th 2014; CBS Announcement, Completed Construction Works I.-XII. 2014, No.3.1.2-4, March 13th 2015; CBS Announcement, Completed Construction Works I.-XII. 2015, No.3.1.2 / 4, March 13th 2016; CBS Communication, Completed Construction Works I.-XII. 2016, No.3.1.2 / 4, March 14th 2017; Data processed & compiled by C&USD of CCE

COMPOSITION OF VALUE OF CONSTRUCTION WORKS DONE BY TYPES OF CONSTRUCTION

PERIOD: JANUARY-DECEMBER 2016



Source: CBS Announcement, Completed Construction Works I.-XII. 2016, No.3.1.2 / 4, March 14th 2017; Data processed, compiled & graphically created by C&USD of CCE

Value of New Orders in 2016

The value of new orders from January to December 2016 was **HRK 15,983,834,000** (2,131,177,000) and is **higher by 15%**, compared to the same period in 2015 (HRK 13,898,246,000).

Looking at quarters, the value of new orders in the fourth quarter of 2016 was 28.3% higher than in the same period of 2015. **Of this, 45% refers to the residential construction, and 55% refers to other buildings.**

Compared to 2008 - when the value of new orders was **HRK 26,249,028,000** - the value of new orders in 2016 was lower by 39.10%. Looking at quarters, the value of new orders in the fourth quarter of 2016 was lower by 37.20%, compared to the same period of 2008.

NEW ORDERS OF CONSTRUCTION WORKS

PERIOD: JANUARY - DECEMBER 2016

.000 HRK

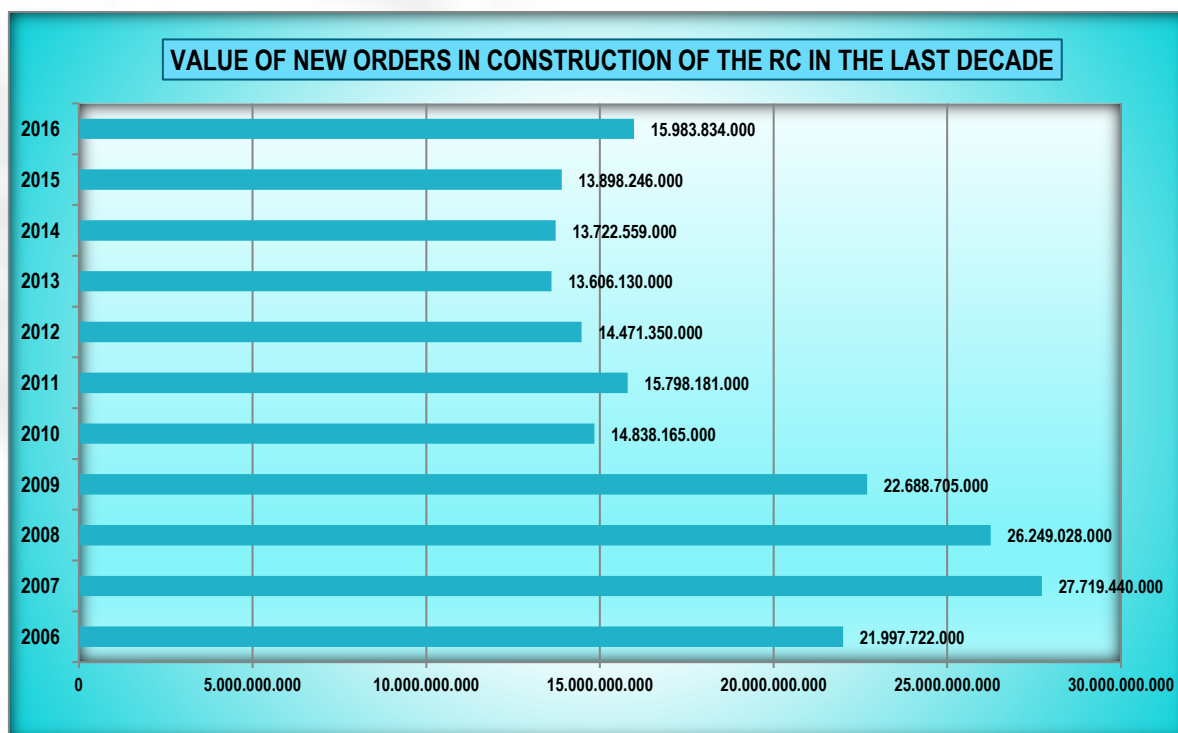
	Value of new orders	Value of new orders, by types of constructions	
		On buildings	On civil engineering works
Jan - Mar 2016	3,239,257	1,594,145	1,645,112
Apr - Jun 2016	3,948,409	1,607,846	2,340,563
Jul - Sep 2016	4,284,034	1,867,308	2,416,726
Oct - Dec 2016	4,512,134	2,117,251	2,394,883
Jan - Dec 2016	15,983,834	7,186,550	8,797,284

CBS Communication, Completed Construction Works I.-XII. 2016, No.3.1.2 / 4, March 14th 2017; Data processed & compiled by C&USD of CCE

INDICES OF CONSTRUCTION WORKS ON TERRITORY OF REPUBLIC OF CROATIA, Value of New Orders

Indices								
Value of New Orders	I - XII 2016 I - XII 2008	I - XII 2012 I - XII 2011	I - XII 2013 I - XII 2012	I - XII 2014 I - XII 2013	I - XII 2015 I - XII 2014	VII - XII 2016 I - VI 2016	X - XII 2016 X - XII 2015	I - XII 2016 I - XII 2015
	60.9	91.6	91.8	100.9	101.3	114.1	128.3	115.0

Source: CBS Announcement, Completed Construction Works I.-XII. 2008, No.3.1.2 / 4, March 12th 2009; CBS Announcement, Completed Construction Works I.-XII. 2012, No.3.1.2 / 4, March 15th 2013; CBS Announcement, Completed Construction Works I.-XII. 2013, No.3.1.2 / 4, March 17th 2014; CBS Announcement, Completed Construction Works I.-XII. 2014, No.3.1.2-4, March 13th 2015; CBS Announcement, Completed Construction Works I.-XII. 2015, No.3.1.2 / 4, March 13th 2016; CBS Communication, Completed Construction Works I.-XII. 2016, No.3.1.2 / 4, March 14th 2017; Data processed & compiled by C&USD of CCE



Source: CBS; Data processed, compiled & graphically created by C&USD of CCE

Number of Companies in the National Economy and Construction Sector in 2016

For a number of years, there has been an upward trend in the number of small companies, while the number of large and medium-sized companies has declined. As far as business activities are concerned, in the year 2015 the **number of active companies** has increased by **7.20%** compared to the same period in 2014 and by **71.11%** compared to 2008.

According to the CBS data, **the number of employed in construction sector in 2015 has decreased by 4.65%** in comparison to 2014. Compared to the whole 2013 it has decreased by **6.98%**, compared to 2012 by **12.60%**, and by **36.56%** compared to 2008.

Productivity in construction sector in 2015 has **increased by 7.01%** compared to 2014, while in the same is by **7.80%** higher than in the same period of 2013, and by **17.10%** compared to 2008.

Below is a list of the largest companies in 2015:

TEN LARGEST CONSTRUCTION COMPANIES BY TOTAL REVENUE IN 2015

No.	Company Name	Headquarters
1.	DALEKOVOD Plc.	Zagreb
2.	KAMGRAD Ltd.	Zagreb
3.	VIADUKT Plc.	Zagreb
4.	TEHNIKA Plc.	Zagreb
5.	GP KRK Plc.	Krk
6.	PROJEKTGRADNJA Ltd.	Gornja Vrba
7.	KONSTRUKTOR-INŽENJERING Plc.	Split
8.	VMD GRUPA Ltd.	Zagreb
9.	ZM Ltd.	Zagreb
10.	GRADNJA Ltd. OSIJEK	Osijek

Note: CH, MRZ and CR (as public companies responsible for the management, construction and maintenance of motorways and state roads) are in majority state ownership and in this sense are not "classic" entrepreneurs - as such are not included in this view; Source: FINA, Data processed & compiled by C&USD of CCE

Volume of Construction Works

Volume of Construction Works in 2016

If we look at cumulative trends in the period **from January to December 2016**, they are by **2.60% higher** compared to the same period in 2015. Construction works in December 2016 compared to December 2015 are also **higher by 2.60%**.

In the structure of hours worked on construction sites, a slightly lower share of **works** is on **buildings (46.3%)** than works on **other structures (53.70%)**. At the same time, more than half of the construction works were carried out on **new buildings - 55.30%**, while **reconstruction, repairs and maintenance** are accounted for **44.70%**.

INDICES OF CONSTRUCTION WORKS ON TERRITORY OF REPUBLIC OF CROATIA, Volume of Construction Works

PERIOD 2012 - 2016

Indices							
Value of construction works done	I. - XII. 2012 I. - XII. 2011	I. - XII. 2013 I. - XII. 2012	I. - XII. 2014 I. - XII. 2013	I. - XII. 2015 I. - XII. 2014	X. - XII. 2016 X. - XII. 2015	XII. 2016 XII. 2015	I. - XII. 2016 I. - XII. 2015
	95.3	93.8	93.0	107.3	102.6	102.9	102.9

Source: CBS Announcement, Completed Construction Works I.-XII. 2012, No.3.1.2 / 4, March 15th 2013; CBS Announcement, Completed Construction Works I.-XII. 2013, No.3.1.2 / 4, March 17th 2014; CBS Announcement, Completed Construction Works I.-XII. 2014, No.3.1.2-4, March 13th 2015; CBS Announcement, Completed Construction Works I.-XII. 2015, No.3.1.2 / 4, March 13th 2016; CBS Communication, Indices of the Construction Works 2016, No.3.1.1 / 12, February 28th 2017; Data processed & compiled by C&USD of CCE

COMPOSITION OF HOURS WORKED BY TYPE OF BUILDINGS AND WORKS IN 2016

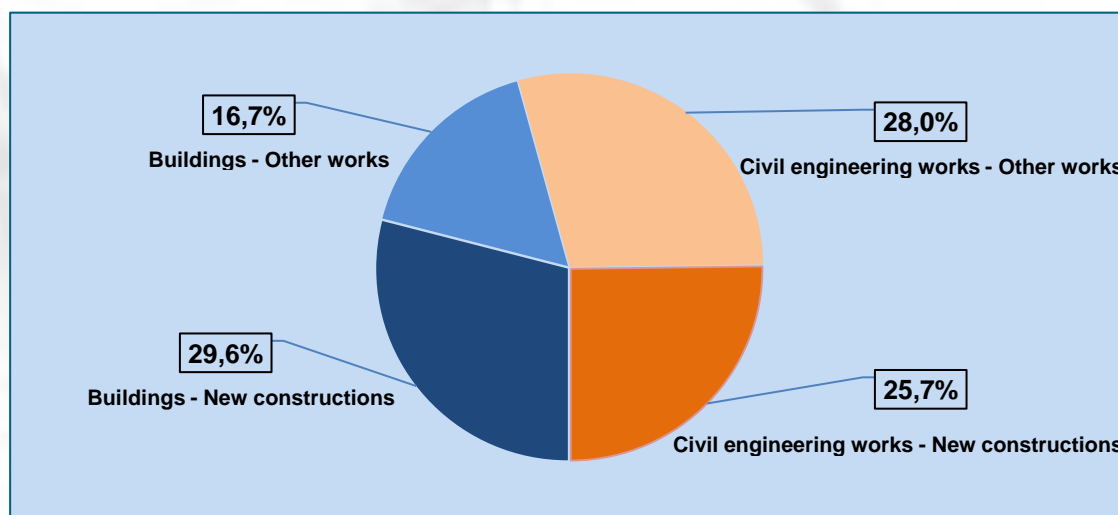
	XII. 2016			I. – XII. 2016		
	Total	New constructions	Other works ¹⁾	Total	New constructions	Other works ¹⁾
Total:	100.0	54.8	45.2	100.0	55.3	44.7
On buildings	46.1	30.1	16.0	46.3	29.6	16.7
On civil engineering works	53.9	24.7	29.2	53.7	25.7	28.0

Reconstructions, maintenance and repair works of existing buildings;

Source: CBS Communication, Indices of the Construction Works 2016, No.3.1.1 / 12, February 28th 2017; Data processed & compiled by C&USD of CCE

COMPOSITION OF HOURS WORKED BY TYPE OF BUILDINGS AND WORKS

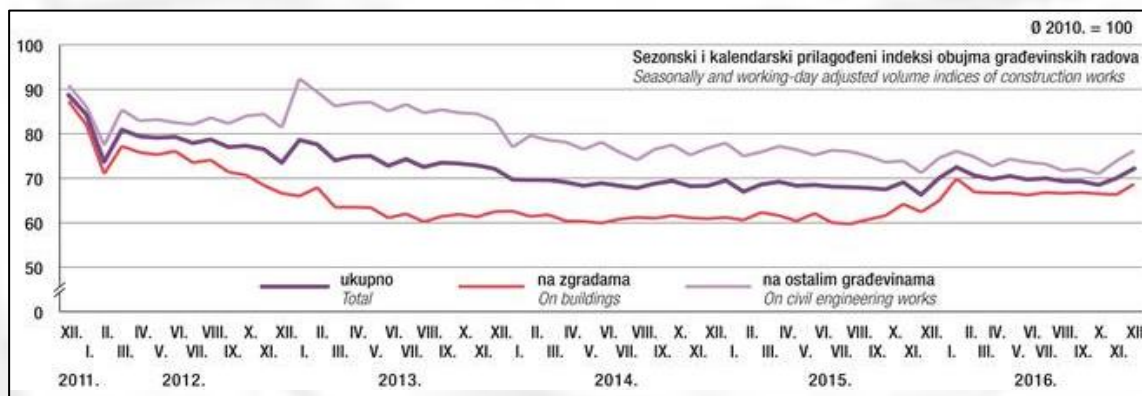
PERIOD: I. - XII. 2016



Source: CBS Communication, Indices of the Construction Works 2016, No.3.1.1 / 12, February 28th 2017; Data processed, compiled & graphically created by C&USD of CCE

VOLUME INDICES OF CONSTRUCTION WORKS

PERIOD: DECEMBER 2011 - DECEMBER 2016



Source: CBS Communication, Indices of the Construction Works 2016, No.3.1.1 / 12, February 28th 2017; Data processed & compiled by C&USD of CCE

Issued Building Approvals - Building Permits

Building Permits Issued in 2016

In 2016, 8,018 building permits were issued, which is higher by 26.70% compared to the whole of 2015. For the issued building permits in 2016, the expected value of works is HRK 23,312,687,000, which is 11.70% more than in 2015.

According to issued building permits in 2016, 9,398 dwellings is expected to be built, which is 35.20% more than in 2015.

In 2016, by type of building, 80% of building permits were issued for buildings and 20% for other buildings. According to types of construction, 68% of building permits were issued for new buildings and 32% for reconstructions.

BUILDING PERMITS ISSUED AND PLANNED VALUE OF WORKS, BY TYPES OF CONSTRUCTIONS AND WORKS

2015 / 2016

Type of Construction	Number of permits by types of constructions			Planned value of works (HRK .000)			Dwellings	
	Total	Buildings	Civil engineering works	Total	Buildings	Civil engineering works	Number	Useful floor area, m ²
I – XII 2015								
Total	6,328	5,133	1,195	20,865,728	13,065,230	7,800,498	6,950	650,126
New buildings	4,324	3,382	942	14,840,876	9,960,901	4,879,975	5,943	561,464
Reconstruction	2,004	1,751	253	6,024,852	3,104,329	2,920,523	1,007 ⁽¹⁾	88,662
I – XII 2016								
Total	8,018	6,418	1,600	23,312,687	15,294,865	8,017,822	9,398	859,996
New buildings	5,445	4,288	1,157	17,874,045	11,555,457	6,318,588	3,475	327,061
Reconstruction	2,573	2,130	443	5,438,642	3,739,408	1,699,234	530	44,889

Source: CBS Communication, Building Permits Issued in 2016, No.3.1.8, March 8th 2017, Data processed & compiled by C&USD of CCE

BUILDING PERMITS ISSUED AND PLANNED VALUE OF WORKS FOR **OTHER BUILDINGS**

2016

By Type of Construction	Number of permits by types of constructions			Planned value of works (HRK .000)		
	Total	New construction	Reconstructions	Total	New construction	Reconstructions
Civil engineering works	1,600	1,157	443	8,017,822	6,318,588	1,699,234
Transport infrastructure	565	315	250	1,767,796	1,020,406	747,390
Pipelines, communication and electricity lines	869	713	156	2,854,432	2,272,181	582,251
Complex construction on industrial sites	69	51	18	3,001,259	2,802,936	198,323
Other civil engineering works	97	78	19	394,335	223,065	171,270

Source: CBS Communication, Building Permits Issued in 2016, No.3.1.8, March 8th 2017, Data processed & compiled by C&USD of CCE

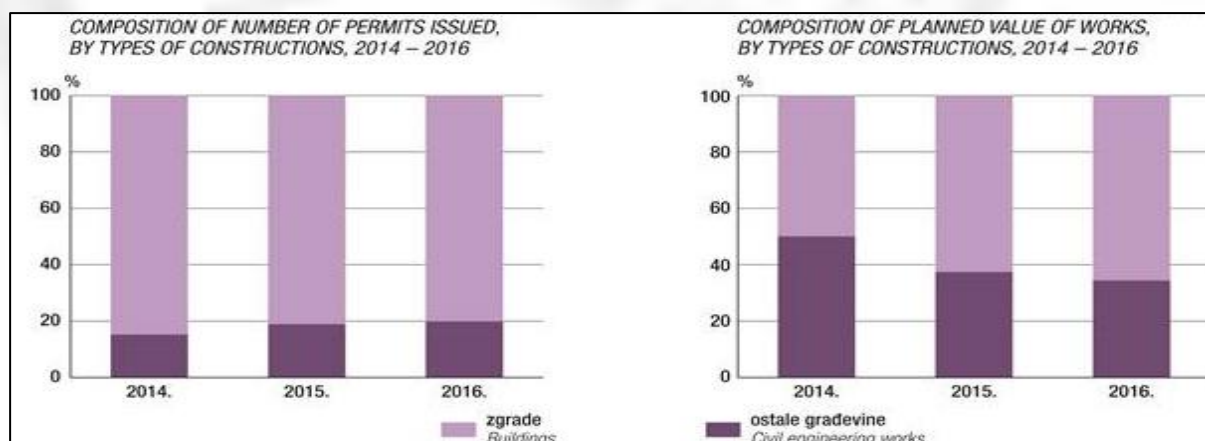
INDICES OF CONSTRUCTION WORKS ON TERRITORY OF REPUBLIC OF CROATIA, Building Permits Issued / Expected Value of Works

Indices								
	Number of permits by types of constructions			Planned value of works (HRK .000)			Dwellings	
	Total	Buildings	Civil eng. works	Total	Buildings	Civil eng. works	Number	Useful floor area, m ²
I. – XII. 2015 I. – XII. 2014	96.0	91.9	119.3	103.3	129.4	77.1	89.8	92.2
2015	6,328	5,133	1,195	20,865,728	13,065,230	7,800,498	6,950	650,126
2016	8,018	6,418	1,600	23,312,687	15,294,865	8,017,822	9,398	859,996
I.-XII. 2016 I.-XII. 2015	126.7	125.0	133.9	111.7	117.1	102.8	135.2	132.3

Source: CBS Communication, Building Permits Issued in 2016, No.3.1.8, March 8th 2017, Data processed & compiled by C&USD of CCE

COMPOSITION OF NUMBERS OF PERMITS ISSUED & PLANNED VALUE OF WORKS BY TYPE OF CONSTRUCTION

PERIOD: 2014 – 2016



Source: CBS Communication, Building Permits Issued in 2016, No.3.1.8, March 8th 2017, Data processed & compiled by C&USD of CCE

Residential Building

→ See Note 2 **

Residential Building by the year 2016

From the CBS press releases, **8,059** new dwellings were completed, which is 3.20% more than in the same period of 2014, with an average useful area of 91 m². This is by 68.20% less than in the same period of 2008.

According to the type of works, the prevailing number of dwellings (89.50%) was built as a new building, while 9.90% was built by upgrading existing buildings and only 0.60% by converting the unpaid space into dwellings.

TABULAR PRESENTATION OF RESIDENTIAL BUILDING

Period: 1992 - 2016

Year	Completed dwellings	Total floor area (.000 m ²)	The average size of dwelling (m ²)	The average price per m ² (HRK)
1992	7,767	623	79.2	4,012
1993	8,343	716	81.2	4,053
1994	9,710	840	83.7	5,733
1995	7,542	636	84.3	6,581
1996	12,910	1,063	82.3	7,041
1997	12,854	1,046	81.4	7,272
1998	12,863	1,057	82.2	7,520
1999	12,522	1,061	84.7	9,004
2000	17,487	1,397	79.9	8,668
2001	12,862	1,098	85.4	8,306
2002	18,047	1,439	79.7	8,366
2003	18,460	1,529	82.8	8,589
2004	18,763	1,568	83.6	8,978
2005	19,995	1,701	85.1	8,912
2006	22,121	1,849	83.6	8,939
2007	25,609	2,075	81.0	11,252
2008	25,368	2,037	80.3	12,095
2009	18,740	1,563	83.4	11,944
2010	14,972	1,324	88.4	10,971
2011	12,390	1,120	90.4	11,764
2012.	11,792	191	67.8	11,570
2013.	10,090	176	64.9	10,426
2014.	7,805	739	94.7	10,524
2015.	8,059	733	91.0	10,688
2016.	-	-	-	10,034

Source: CBS Statistical Yearbooks 1995 - 2015; CBS Communication, Completed Construction Works I.-XII. 2011, No.3.1.2 / 4, March 15th 2012; CBS Communication, Completed construction Works I.-XII. 2012, No.3.1.2 / 4, March 15th 2013; CBS Communication, Completed Construction Works I.-XII. 2013, No.3.1.2 / 4, March 17th 2014; CBS Communication, Completed Construction Works I.-XII. 2014, No.3.1.2-4, March 13th 2015; CBS Communication, Completed Construction Works I.-XII. 2015, No.3.1.2-4, March 13th 2016; Data processed & compiled by C&USD of CCE

COMPARATIVE OVERVIEW OF RESIDENTIAL BUILDING

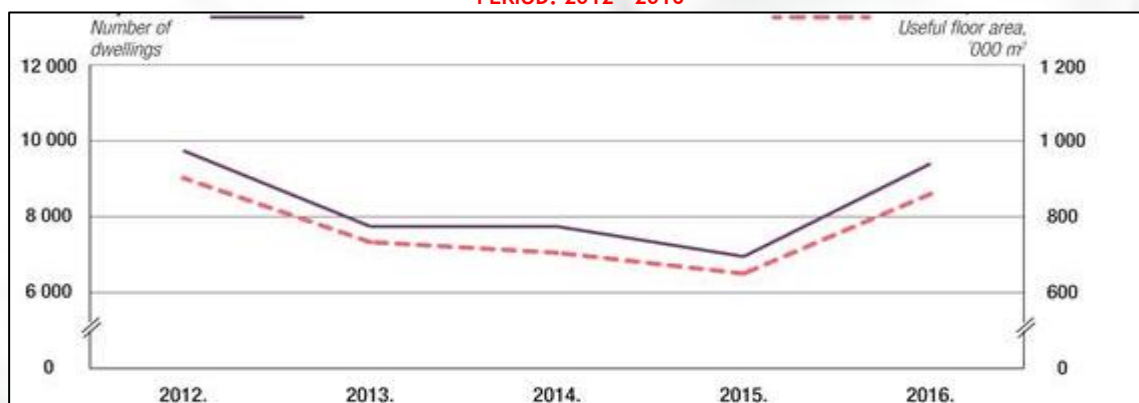
2008 - 2015

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016
Completed dwellings	25,368	18,740	14,972	12,390	11,792	10,090	7,805	8,059	0
Total area (.000 m ²)	2,037	1,563	1,324	1,120	191	176	739	733	0
Average size (m ²)	80.3	83.4	88.4	90.4	67.8	64.9	94.7	91.0	0
Average price (HRK)	12,095	11,944	10,971	11,764	11,570	10,426	10,524	10,688	10,179

Source: CBS Statistical Yearbooks 1995-2013; CBS Communication, Completed Construction Works I.-XII. 2013, No.3.1.2 / 4, March 17th 2014; CBS Communication, Completed Construction Works I.-XII. 2014, No.3.1.2-4, March 13th 2015; CBS Communication, Completed Construction Works I.-XII. 2015, No.3.1.2-4, March 13th 2016 Data processed & compiled by C&USD of CCE

NUMBER AND USEFUL FLOOR AREA OF DWELLINGS IN BUILDINGS FOR WHICH PERMITS ARE ISSUED

PERIOD: 2012 - 2016



Source: CBS Communication, Building Permits Issued in 2016, No.3.1.8, March 8th 2017; Data processed & compiled by C&USD of CCE

Prices of New Dwellings Sold in 2016

According to the latest available CBS data, the average price of new dwellings sold per 1 m² in 2016 was HRK 10,034, or 6.10% less than in 2015 (HRK 10,688), or by 4.60% less than in 2014 (HRK 10,524) and by 3.80% less than in 2013 (HRK 10,426).

AVERAGE PRICES OF NEW DWELLINGS SOLD

PERIOD: 2013 - 2016

Trade companies and other legal entities	2013	2014	2015	2016		
	I. - XII.	I. - XII.	I. - XII.	I. - VI.	VII. - XII.	I. - XII.
Republic of Croatia	10,426	10,524	10,688	10,179	9,899	10,034
City of Zagreb	11,104	11,958	11,797	11,184	9,926	10,445
Other settlements	9,486	9,280	9,617	9,361	9,860	9,582

Source: CBS Communication, Prices of New Dwelling Sold in 2016, No.3.1.5 / 2, March 8th 2017; Data processed & compiled by C&USD of CCE

INDICES OF CONSTRUCTION WORKS ON TERRITORY OF REPUBLIC OF CROATIA,

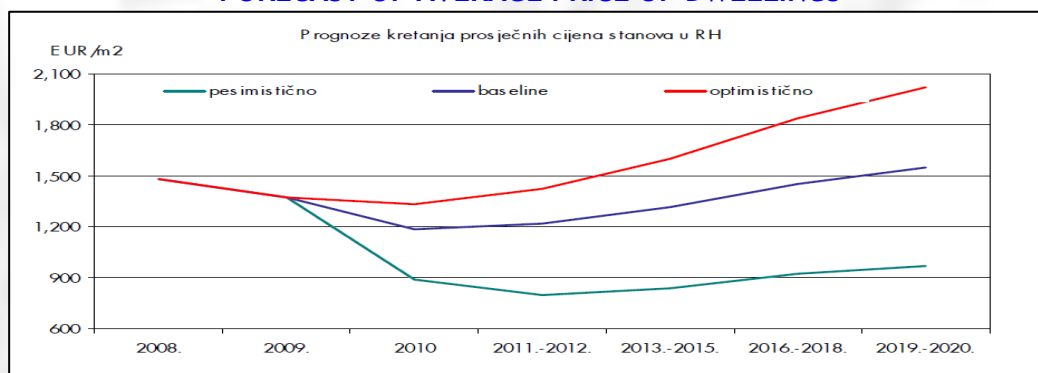
Average prices of new dwellings sold

PERIOD: I. - XII. 2016

Trade companies and other legal entities	Indices		
	<u>VII. - XII. 2016</u> I. - VI. 2016	<u>VII. - XII. 2016</u> VII. - XII. 2015	<u>I. - XII. 2016</u> I. - XII. 2015
Republic of Croatia	97.2	96.6	93.9
City of Zagreb	88.7	87.3	88.5
Other settlements	105.3	106.7	99.6

Source: CBS Communication, Prices of New Dwelling Sold in 2016, No.3.1.5 / 2, March 8th 2017; Data processed & compiled by C&USD of CCE

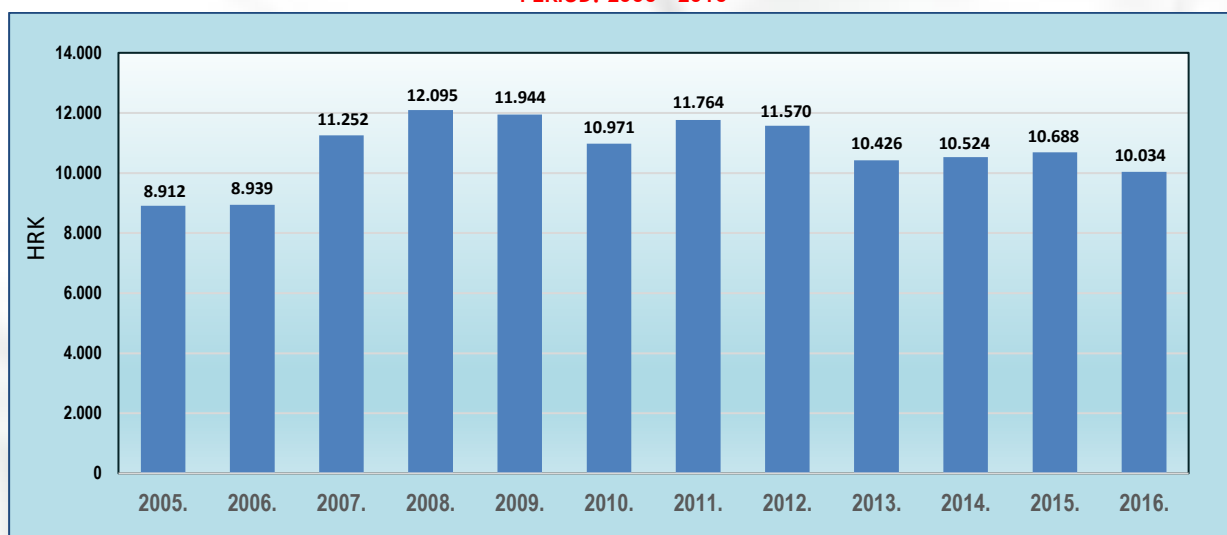
FORECAST OF AVERAGE PRICE OF DWELLINGS



Source: FINA, Data processed & compiled by C&USD of CCE

THE AVERAGE PRICES OF DWELLINGS IN LAST DECADE, per m²

PERIOD: 2006 - 2016



Source: CBS Statistical Yearbooks 2003 - 2011; CBS Communication, Prices of New Dwelling Sold in 2011, No. 3.1.5 / 2, March 15th 2012; CBS Communication, Prices of New Dwelling Sold in 2013, No. 3.1.5 / 2, March 26th 2014; CBS Communication, Prices of New Dwelling Sold in 2014, No. 3.1.5 / 2, June 10th 2015; CBS Communication, Prices of New Dwelling Sold in 2015, No. 3.1.5 / 4, March 13th 2016; CBS Communication, Prices of New Dwelling Sold in 2016, No. 3.1.5 / 2, March 8th 2017; Data processed & compiled by C&USD of CCE; Data processed, compiled & graphically created by C&USD of CCE

Number of Companies in the RC & Construction Sector

Number of Construction Companies in the RC in 2016

Comparison of the total number of legal entities in the RC economy in the CBS Register for 31st of December 2016 compared to the same date in 2015 shows a decrease of 18.20%. In construction sector the number of legal entities has decreased by 8.90% (from 25,873 to 23,571), but it was 22% less active (from 19,240 to 12,990). As compared to the same date in 2008, the number of legal entities in construction sector has increased by 23.90% (from 19,018 to 23,571), while there were 5.90% more active (from 12,267 to 12,990).

In terms of the structure of entities in crafts and trades and free lances in construction, by the end of 2016 (7,604) it was lower by 1.80% compared to the end of 2015 (7,740). Compared to the number of crafts and trades and free lances in construction at the end of 2008 (12,509), by the end of 2016 (7,604) the number was lower by 39.20%.

The comparison of the number of legal entities in the CBS Register in relation to the number of active legal entities in administrative registers shows that the share of active legal persons in the economy is 56.60%, while in the construction sector is 55.10%.

STRUCTURE OF BUSINESS ENTITIES BY ACTIVITY (NACE 2007)

SITUATION AS ON 31 DECEMBER 2012

	Number of legal entities				Active legal entities		Crafts and trades and free lances
	Registered	Structure of registered, %	Active	Structure of active, %	Profit	Non-profit	
Total economy:	294,475	100.0	139,630	100.0	118,681	20,949	88,160
F Construction	25,365	8.6	15,497	11.1	15,496	1	9,119

Source: CBS Communication, Number and Structure of Business Entities XII. 2012, No.11.1.1 / 4, February 13th 2013; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2013

	Number of legal entities				Active legal entities		Crafts and trades and free lances
	Registered	Structure of registered, %	Active	Structure of active, %	Profit	Non-profit	
Total economy:	282,872	100.0	155,705	100.0	131,554	24,151	84,516
F Construction	23,461	8.3	16,815	10.8	16,814	1	8,612

Source: CBS Communication, Number and Structure of Business Entities XII. 2013, No.11.1.1 / 4, February 14th 2014; Data processed & compiled by C&USD of CCE

SITUATION AS ON DECEMBER 2014

	Number of legal entities				Active legal entities		Crafts and trades and free lances
	Registered	Structure of registered, %	Active	Structure of active, %	Profit	Non-profit	
Total economy:	298,161	100.0	171,046	100.0	144,363	26,683	80,911
F Construction	24,589	8.2	17,947	10.5	17,946	1	8,106

Source: CBS Communication, Number and Structure of Business Entities XII. 2014, No. 11.1.1 / 4, February 16th 2015; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2015

	Number of legal entities				Active legal entities		Crafts and trades and free lances
	Registered	Structure of registered, %	Active	Structure of active, %	Profit	Non-profit	
Total economy:	312,354	100.0	185,297	100.0	156,813	28,484	78,580
F Construction	25,873	8.3	19,240	10.4	19,239	1	7,740

Source: CBS Communication, Number and Structure of Business Entities XII. 2015, No. 11.1.1 / 4, February 17th 2016; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2016

	Number of legal entities				Active legal entities		Crafts and trades and free lances
	Registered	Structure of registered, %	Active	Structure of active, %	Profit	Non-profit	
Total economy:	255,351	100.0	144,522	100.0	115,414	29,108	76,941
F Construction	23,571	9.2	12,990	9.0	12,989	1	7,604

Source: CBS Communication, Number and Structure of Business Entities XII. 2016, No. 11.1.1 / 4, February 9th 2016; Data processed & compiled by C&USD of CCE

Below are the tables of active legal entities, according to the **type of ownership** and the **number of employees**:

STRUCTURE OF ACTIVE LEGAL ENTITIES BY THE TYPE OF OWNERSHIP (NACE 2007)

SITUATION AS ON 31 DECEMBER 2012.

	Total	Ownership types									
		State ownership		Private ownership		Co-operative		Mixed ownership		No ownership	
		Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %
Total economy:	139,630	1,041	0.7	114,230	81.9	2,003	1.4	1,407	1.0	20,949	15.0
F Construction	15,497	98	0.6	15,129	97.6	157	1.0	112	0.7	1	0.0

Source: CBS Communication, Number and Structure of Business Entities XII. 2012, No. 11.1.1 / 4, February 13th 2013; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2013.

	Total	Ownership types									
		State ownership		Private ownership		Co-operative		Mixed ownership		No ownership	
		Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %
Total economy:	155,705	1,084	0.7	127,012	81.6	2,074	1.3	1,388	0.9	24,147	15.5
F Construction	16,815	99	0.6	16,447	97.8	159	0.9	109	0.6	1	0.0

Source: CBS Communication, Number and Structure of Business Entities XII. 2013, No. 11.1.1 / 4, February 14th 2014; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2014.

	Total	Ownership types									
		State ownership		Private ownership		Co-operative		Mixed ownership		No ownership	
		Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %
Total economy:	171,046	1,183	0.7	139,782	81.8	2,128	1.2	1,376	0.8	26,577	15.5
F Construction	17,947	98	0.5	17,578	97.9	159	0.9	111	0.6	1	0.0

Source: CBS Communication, Number and Structure of Business Entities XII. 2014, br.11.1.1 / 4, February 16th 2015; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2015.

	Total	Ownership types									
		State ownership		Private ownership		Co-operative		Mixed ownership		No ownership	
		Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %
Total economy:	185,297	1,245	0.7	152,213	81.1	2,178	1.2	1,376	0.7	28,285	15.3
F Construction	19,240	100	0.5	18,861	98.0	168	0.9	110	0.6	1	0.0

Source: CBS Communication, Number and Structure of Business Entities XII. 2015, No. 11.1.1 / 4, February 17th 2016; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2016.

	Total	Ownership types									
		State ownership		Private ownership		Co-operative		Mixed ownership		No ownership	
		Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %	Number of legal entities	Share in total, %
Total economy:	144,522	1,140	0.8	112,464	77.8	1,049	0.7	1,004	0.7	28,865	20.0
F Construction	12,990	86	0.7	12,758	98.2	76	0.6	69	0.5	1	0.0

Source: CBS Communication, Number and Structure of Business Entities XII. 2016, br.11.1.1 / 4, February 9th 2017; Data processed & compiled by C&USD of CCE

ACTIVE LEGAL ENTITIES ACCORDING TO THE NUMBER OF EMPLOYEES (NACE 2007)

SITUATION AS ON 31 DECEMBER 2012

		Number of persons in paid employment in legal entities					
		0	1 – 9	10 – 49	50 – 249	250 – 499	500 & more
Total economy:	139,630	69,354	55,789	10,837	3,070	333	247
F Construction	15,497	7,204	6,492	1,475	278	30	18

Source: CBS Communication, Number and Structure of Business Entities XII. 2012, br.11.1.1 / 4, February 13th 2013; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2013

		Number of persons in paid employment in legal entities					
		0	1 – 9	10 – 49	50 – 249	250 – 499	500 & more
Total economy:	155,705	86,004	55,278	10,800	3,051	328	244
F Construction	16,815	8,587	6,421	1,477	282	30	18

Source: CBS Communication, Number and Structure of Business Entities XII. 2013, No. 11.1.1 / 4, February 14th 2014; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2014

		Number of persons in paid employment in legal entities					
		0	1 – 9	10 – 49	50 – 249	250 – 499	500 & more
Total economy:	171,046	101,464	55,200	10,771	3,045	326	240
F Construction	17,947	9,729	6,418	1,472	281	30	17

Source: CBS Communication, Number and Structure of Business Entities XII. 2014, No. 11.1.1 / 4, February 16th 2015; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2015

		Number of persons in paid employment in legal entities					
		0	1 – 9	10 – 49	50 – 249	250 – 499	500 & more
Total economy:	185,247	115,847	55,113	10,743	3,030	325	239
F Construction	19,240	11,018	6,416	1,475	285	30	16

Source: CBS Communication, Number and Structure of Business Entities XII. 2015, No. 11.1.1 / 4, February 17th 2016; Data processed & compiled by C&USD of CCE

SITUATION AS ON 31 DECEMBER 2016

		Number of persons in paid employment in legal entities					
		0	1 – 9	10 – 49	50 – 249	250 – 499	500 & more
Total economy:	144,522	58,465	70,917	11,397	3,190	304	249
F Construction	12,990	4,402	7,165	1,193	207	15	8

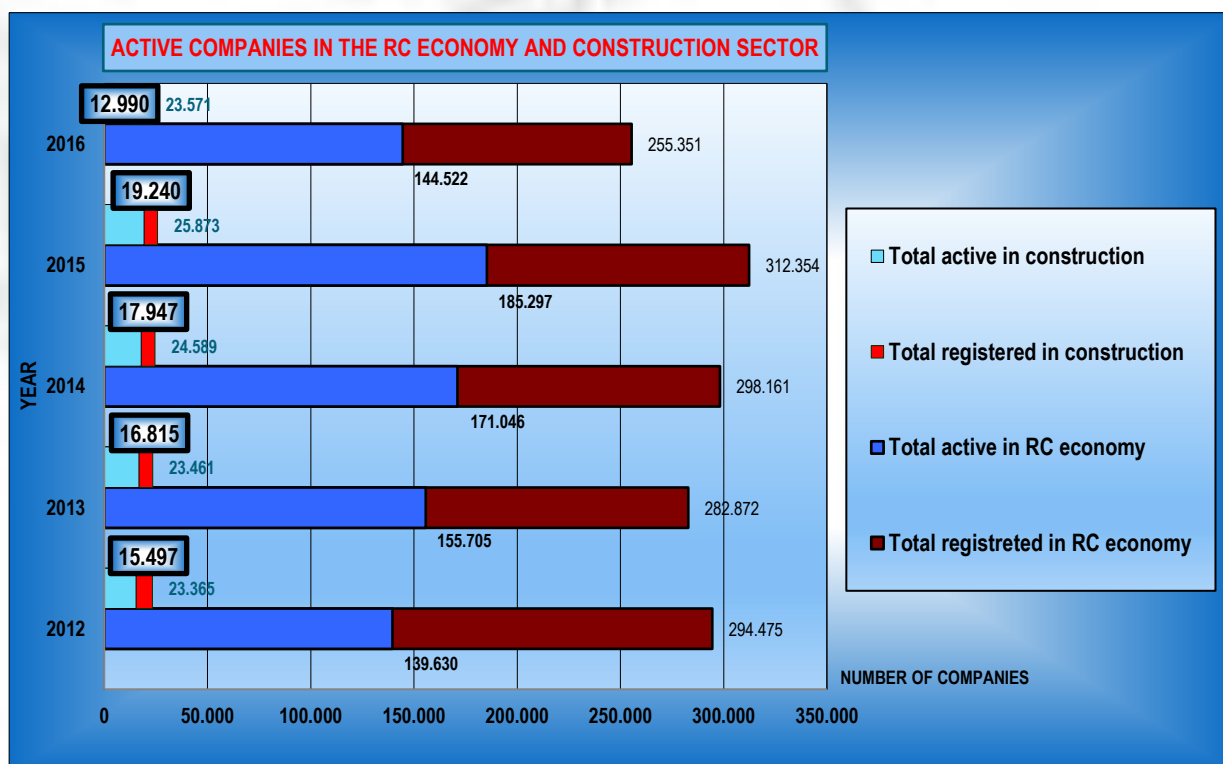
Source: CBS Communication, Number and Structure of Business Entities XII. 2016, No. 11.1.1 / 4, February 9th 2017; Data processed & compiled by C&USD of CCE

TRADE COMPANIES BY LEGAL ORGANISATIONAL FORMS AND ACTIVITIES (NACE 2007)

SITUATION AS ON 31 DECEMBER 2016

	Legal organisational forms													
	Total		Joint stock companies		Limited liability companies		Simple limited liability companies		Public trade companies		Main subsidiaries of foreign trade companies or individual traders		Other legal forms	
	Registered	Active	Registered	Active	Registered	Active	Registered	Active	Registered	Active	Registered	Active	Registered	Active
Total	185,969	114,364	1,350	962	151,788	90,251	31,389	22,415	378	199	802	383	262	154
F Construction sector	22,676	12,913	134	88	18,714	10,056	3,560	2,676	57	14	201	75	10	4

Source: CBS Communication, Number and Structure of Business Entities XII. 2016, No. 11.1.1 / 4, February 9th 2017; Data processed & compiled by C&USD of CCE



Source: CBS; Data processed, compiled & graphically created by C&USD of CCE

ACTIVITY OF LEGAL ENTITIES

SITUATION AS ON 31 DECEMBER 2016

	Registered Legal Entities	Active Legal Entities	Share of Active Legal Entities
Total	255,351	144,522	56.6%
Trade companies	185,969	114,364	61.5%
Co-operatives	4,241	1,050	24.8%
Institutions, bodies, associations and organisations	65,141	29,108	44.7%
Entities in crafts and trades and free lances	-	76,941	-

Source: CBS Communication, Number and Structure of Business Entities XII. 2016, No. 11.1.1 / 4, February 9th 2017; Data processed & compiled by C&USD of CCE

STRUCTURE OF ACTIVE LEGAL ENTITIES, BY OWNERSHIP (NACE 2007)

SITUATION AS ON 31 DECEMBER 2016



Source: CBS Communication, Number and Structure of Business Entities XII. 2016, No. 11.1.1 / 4, February 9th 2017; Data processed & compiled by C&USD of CCE

STRUCTURE OF BUSINESS ENTITIES, BY COUNTIES

SITUATION AS ON 31 DECEMBER 2016

County of	Total registered legal entities	Trade companies		Co-operatives		Registered institutions, bodies, associations & organisations	Entities in crafts and trades & free lances
		Registered	Active	Registered	Active		
Republic of Croatia	255,351	185,969	114,364	4,241	1,050	65,141	76,941
City of Zagreb	80,685	64,581	39,867	507	98	15,597	14,316
Split-Dalmatia	26,295	19,484	11,914	449	137	6,362	10,597
Primorje-Gorski kotar	21,411	16,457	9,984	159	33	4,795	8,320
Istria	19,247	15,728	9,474	116	32	3,403	6,376
Zagreb	15,654	11,835	7,434	166	34	3,653	4,595
Osijek-Baranja	12,974	7,825	4,843	316	103	4,833	3,699
Zadar	8,745	6,218	3,742	256	73	2,271	4,149
Dubrovnik-Neretva	7,903	5,428	3,471	105	38	2,370	3,618
Varaždin	7,737	5,311	3,424	121	27	2,305	2,518
Međimurje	6,303	4,819	2,994	67	14	1,417	1,201
Šibenik-Knin	5,482	3,462	2,032	243	58	1,777	2,255
Karlovac	5,146	3,172	1,960	163	46	1,811	1,774
Krapina-Zagorje	4,599	2,861	1,849	84	19	1,654	2,210
Bjelovar-Bilogora	4,941	3,030	1,831	251	68	1,660	1,233
Slavonski Brod-Posavina	5,016	3,078	1,816	109	26	1,829	1,897
Sisak-Moslavina	5,728	3,174	1,800	196	36	2,358	1,880
Vukovar-Sirmium	5,567	2,890	1,725	261	75	2,416	2,161
Koprivnica-Križevci	4,662	2,712	1,692	394	63	1,556	1,341
Virovitica-Podravina	2,878	1,557	966	139	35	1,182	963
Požega-Slavonia	2,306	1,218	789	64	18	1,024	1,000
Lika-Senj	2,072	1,129	757	75	17	868	838

Source: CBS; Creation - Data processed & compiled by C&USD of CCE

CREATING, DELETING AND HARMONISING OF REGISTERED LEGAL ENTITIES

PERIOD: 2015 - 2016

	2015				2016			
	I. – III.	IV. – VI.	VII. – IX.	X. – XII.	I. – III.	IV. – VI.	VII. – IX.	X. – XII.
Creating	3,862	3,711	3,107	3,603	4,065	4,131	3,220	4,059
Trade companies	3,346	3,228	2,675	3,180	3,463	3,602	2,821	3,564
Other	516	483	432	423	602	529	399	495
Deleting	88	79	68	104	72,451	90	95	110
Enterprises	1	0	0	5	62,539	7	3	0
Trade companies	76	62	63	84	100	71	76	98
Other	11	17	5	15	9,812	12	16	12
Harmonising according to Company Law	111	124	118	131	136	111	106	177

Data on changes in registered entities are divided into three groups: creations, deletions and harmonization. They show that the number of creations increased, while the number of deletions and harmonization decreased in the respective period. Source: CBS Communication, Number and Structure of Business Entities XII. 2015, No. 11.1.1 / 4, February 17th 2016; CBS Communication, Number and Structure of Business Entities XII. 2016, No. 11.1.1 / 4, February 9th 2017; Data processed & compiled by C&USD of CCE

Number of Persons in Paid Employment in Legal Ent.

Number of Persons in Paid Employment in Construction Sector in 2016

In December 2016, the number of persons in paid employment in legal entities of the RC was 1,157,348, of which 68,653 in construction sector (66,938 at the end of December 2015).

Compared to December 2015, the number of persons in paid employment in legal entities decreased by 0.90%, while the total number of employees in construction sector fell by 3.5%. Compared to December 2014, the total number of employees increased by 5.60%, while the total number of employed in construction sector increased by 2% (67,307 at the end of December 2014).

Compared to December 2008, when the total number of persons in paid employment in legal entities in the Republic of Croatia was 1,222,652, the number of employees fell by 5.30%,

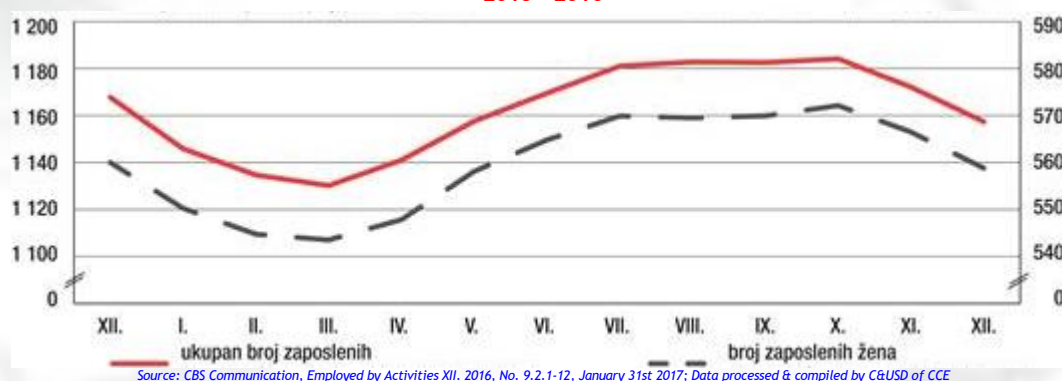
while the **total number of persons in paid employment in construction sector** declined by **32.10%** (101,120 at the end of December 2008).

INDICES OF CHANGE IN NUMBER OF PERSONS IN PAID EMPLOYMENT IN LEGAL ENTITIES (NACE2007)
DECEMBER 2016

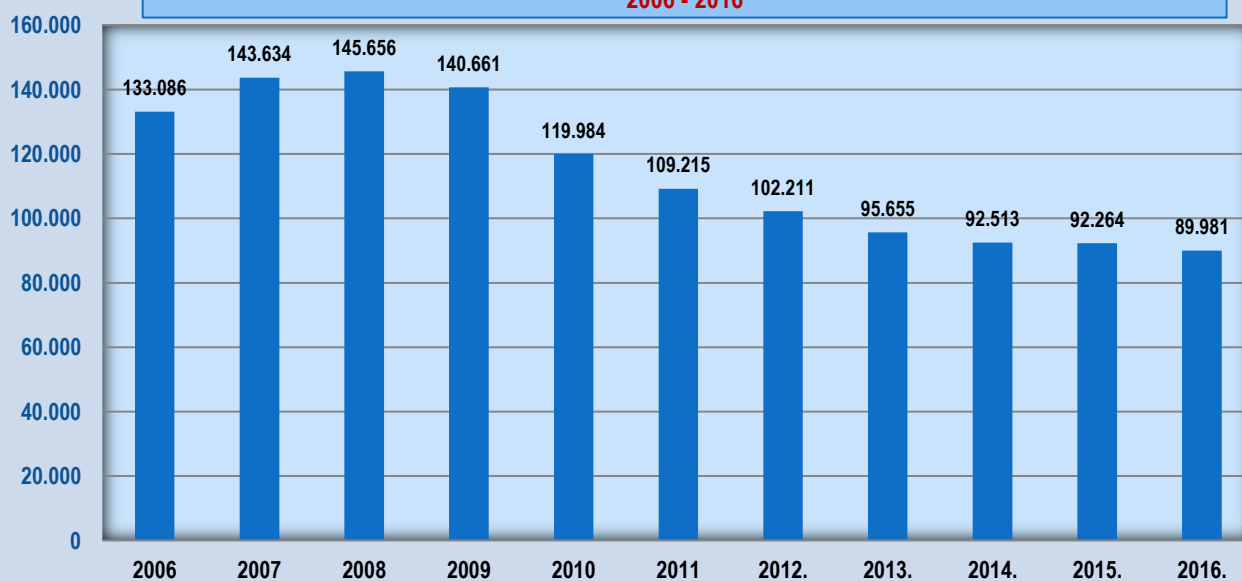
Number of persons in paid employment							Indices		
	XII. 2008	XII. 2012	XII. 2013	XII. 2014	XII. 2015	XII. 2016	Index	Index	Index
	Total	Total	Total	Total	Total	Total	XII 2016 XI 2016	XII 2016 XII 2015	I – XII 2016 I – XII 2015
Total economy:	1,222,652	1,109,719	1,104,807	1,095,460	1,103,000	1,157,348	98.7	99.1	98.8
Construction sector :	101,120	74,911	70,540	67,307	66,938	68,653	99.2	96.5	96.1

Source: CBS Communication, Persons in paid employment by activities XII. 2008, No. 9.2.1 / 12, January 29th 2009; CBS Communication, Persons in paid employment by activities XII. 2012, No. 9.2.1 / 12, January 31st 2013; CBS communication, Persons in paid employment by activities XII. 2012, No. 9.2.1 / 12, January 31st 2013; CBS Communication, Employed by Activities XII. 2014, No. 9.2.1 / 12, January 30th 2015; CBS Communication, Employed by Activities XII. 2015, No.9.2.1 / 12, January 29th 2016; CBS Communication, Employed by Activities XII. 2016, No. 9.2.1-12, January 31st 2017; Data processed & compiled by C&USD of CCE

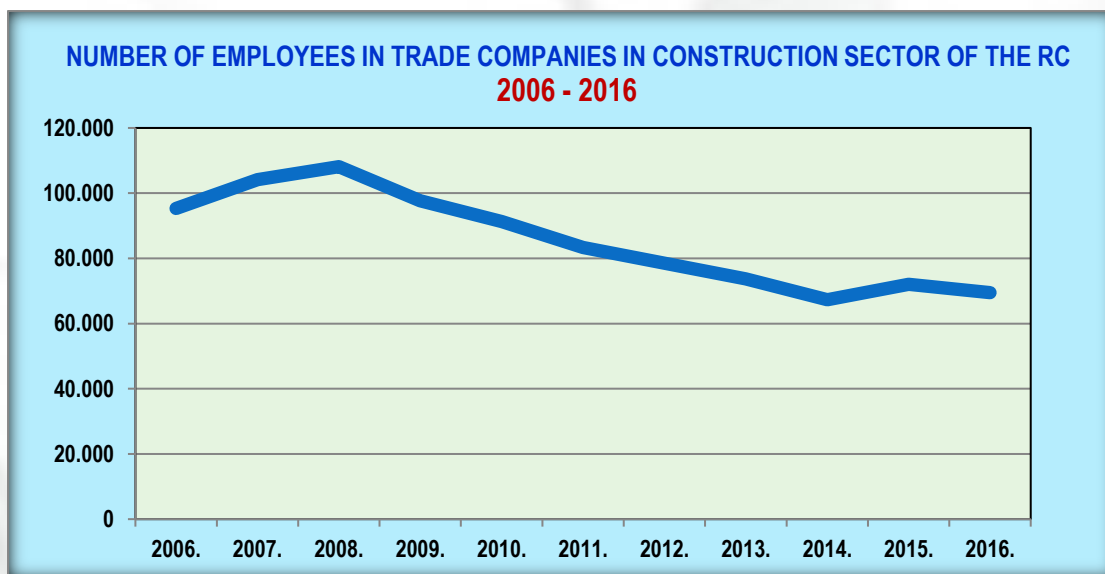
STRUCTURE OF THE NUMBER OF PERSONS IN PAID EMPLOYMENT IN LEGAL ENTITIES (NACE 2007)
2015 - 2016



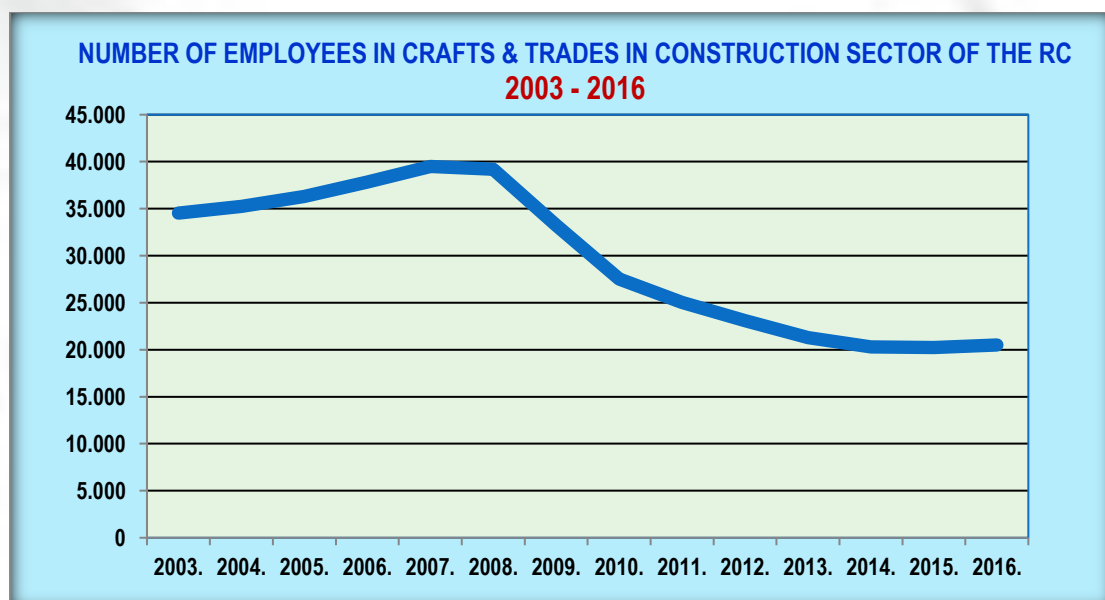
TOTAL NUMBER OF EMPLOYEES IN TRADE COMPANIES, CRAFTS & TRADES IN CONSTRUCTION SECTOR OF THE RC
2006 - 2016



Source: CBS; Data processed, compiled & graphically created by C&USD of CCE



Source: CBS; Creation - Data processed, compiled & graphically created by C&USD of CCE



Source: CBS; Creation - Data processed, compiled & graphically created by C&USD of CCE

Earnings in the RC economy and construction sector

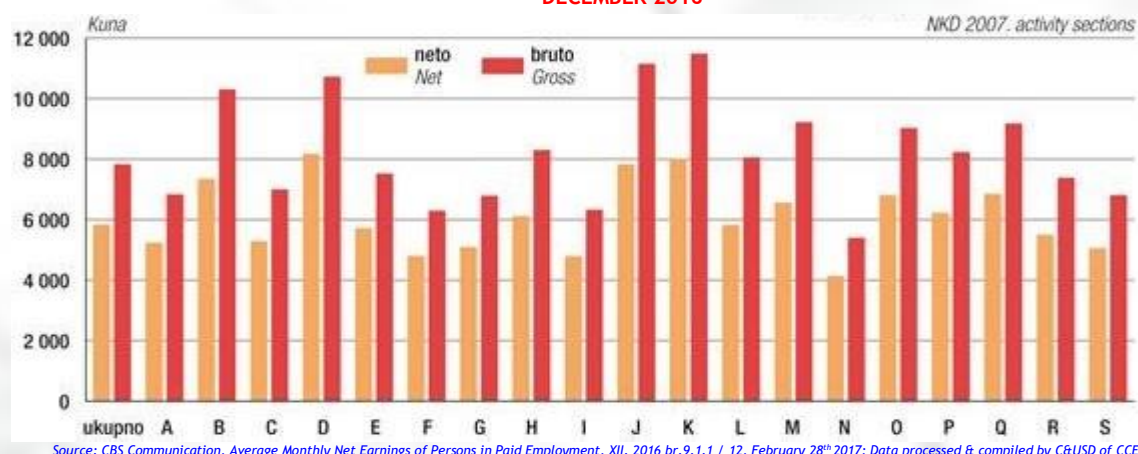
Earnings in legal entities in the RC economy and construction sector in December 2016

For the period from January to December 2016, the average monthly paid off net earnings per person in employment in legal entities in the RC was **HRK 5,685**, which is compared to the same period of 2015, the nominal increase of 1.60% and really by 2.70%. For the period from January to December 2016, the average monthly gross earning per person in employment in legal entities in the RC was **HRK 7,752**, which is compared to the same period of 2015, the nominal increase of 1.90% and really by 3%.

The average monthly paid off net earnings per person in employment in legal entities in the RC in December 2016 compared to the same month last year was nominally higher by 3.40% and really by 3.20%. The average monthly gross earning per person in employment in legal entities in the RC in December 2016 compared to the same month last year was nominally higher by 1.70% and really by 1.50%.

AVERAGE MONTHLY NET AND GROSS EARNINGS OF PERSONS IN PAID EMPLOYMENT (NACE 2007)

DECEMBER 2016



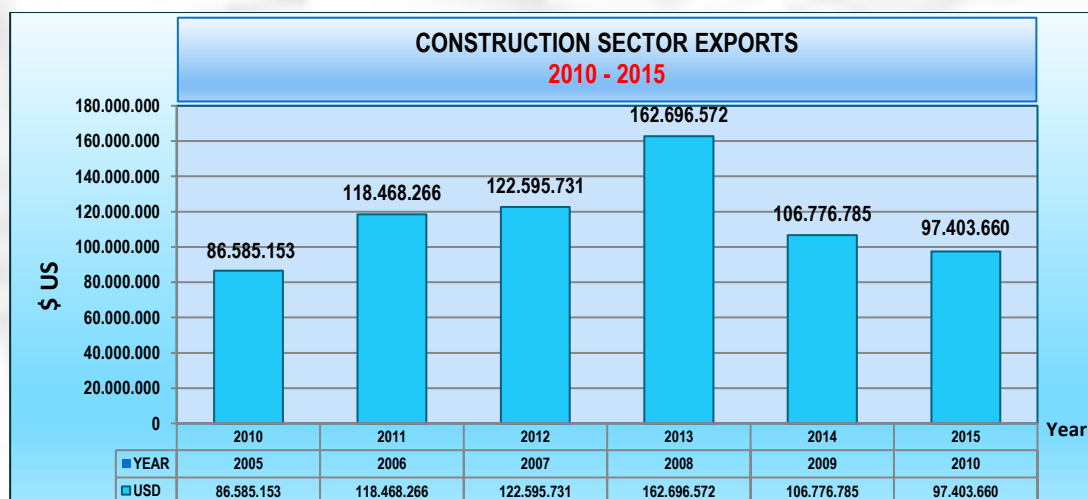
Construction Sector Exports

→ See Note 3 ***

Construction Sector Exports till 2016

CONSTRUCTION SECTOR EXPORTS, 2000 - 2015	
YEAR	\$US
2000	25,814,575
2001	32,150,048
2002	32,112,731
2003	55,312,648
2004	118,174,343
2005	86,585,153
2006	118,468,266
2007	122,595,731
2008	162,696,572
2009	106,776,785
2010	97,403,660
2011	108,001,032
2012	76,361,000
2013	40,428,170
2014	35,150,000
2015	32,005,000

Source: FINA; Data processed & compiled by C&USD of CCE



Source: CBS, FINA; Data processed, compiled & graphically created by C&USD of CCE

General Note: This publication is created by the Construction and Utility Services Department of the Croatian Chamber of Economy, therefore is responsible for it. However, **information and analysis contained therein are based on publicly available statistical information derived from sources in which substance, completeness and accuracy C&USD rely on and trusts, but for which it does not guarantee.** Therefore, the information and analyses presented in the statistical review are subject to changes that depend on changes in the source of information and on the changes that may occur from the time the document was prepared to its reading. This publication and its constituent parts cannot be copied or otherwise reproduced without mentioning the source of information.

Note 1*: "Overview of Basic Statistical Data in the Construction Sector of the Republic of Croatia, I-XII 2016", as well as other previously prepared statistical surveys, starting with the year 2009, can be found on the new web pages of the Croatian Chamber of Economy: <http://www.hgk.hr/category/sektor-centar/sektor-graditeljstvo-komunalno/undersubmenuAboutSector/Services>, while the brochure "Construction sector in the RC" is available at: http://www2.hgk.hr/en/depts/Construction/Graditeljstvo_10_web.pdf ie. "Biznet" base (CCE).

Note 2 **: Since 2015, the Central Bureau of Statistics no longer monitors data on completed and unfinished apartments.

Note 3 *:** Since May 2008, the Central Bureau of Statistics no longer monitors the data on construction works carried out abroad by Croatian construction companies. The data used in the statistical reports are from the FINA source.