

Tables and Graphs:

C.1 Economic Output

Table C.1.1: Real GDP by Type of Expenditure – yearly
 chained volumes, reference year 2005

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
							Estimate	Forecast	Forecast	Outlook	Outlook
Gross domestic product	<i>bill. CZK 2005</i>	3635	3471	3557	3622	3585	3536	3585	3656	3744	3835
	<i>growth in %</i>	3.1	-4.5	2.5	1.8	-1.0	-1.4	1.4	2.0	2.4	2.5
Private consumption exp.¹⁾	<i>bill. CZK 2005</i>	1720	1724	1740	1749	1711	1708	1718	1743	1776	1810
	<i>growth in %</i>	2.8	0.2	0.9	0.5	-2.1	-0.2	0.6	1.5	1.9	1.9
Government consumption exp.	<i>bill. CZK 2005</i>	674	701	703	684	671	681	688	691	699	706
	<i>growth in %</i>	1.2	4.0	0.2	-2.7	-1.9	1.6	1.0	0.4	1.0	1.1
Gross capital formation	<i>bill. CZK 2005</i>	1071	855	901	908	863	813	822	847	875	904
	<i>growth in %</i>	1.9	-20.2	5.4	0.8	-5.0	-5.8	1.0	3.1	3.3	3.3
– Gross fixed capital formation	<i>bill. CZK 2005</i>	1004	893	902	905	864	823	820	842	868	895
	<i>growth in %</i>	4.1	-11.0	1.0	0.4	-4.5	-4.8	-0.3	2.6	3.1	3.1
– Change in stocks and valuables	<i>bill. CZK 2005</i>	68	-38	-1	3	-1	-10	1	6	7	9
Exports of goods and services	<i>bill. CZK 2005</i>	2642	2354	2717	2977	3109	3119	3236	3365	3504	3667
	<i>growth in %</i>	4.0	-10.9	15.4	9.5	4.5	0.3	3.8	4.0	4.1	4.7
Imports of goods and services	<i>bill. CZK 2005</i>	2467	2169	2503	2678	2739	2758	2845	2952	3066	3201
	<i>growth in %</i>	2.7	-12.1	15.4	7.0	2.3	0.7	3.2	3.8	3.9	4.4
Gross domestic exp.	<i>bill. CZK 2005</i>	3465	3288	3351	3347	3252	3214	3239	3292	3359	3428
	<i>growth in %</i>	2.2	-5.1	1.9	-0.1	-2.8	-1.2	0.8	1.6	2.0	2.0
Methodological discrepancy²⁾	<i>bill. CZK 2005</i>	-6	7	-1	-18	-31	-28	-34	-39	-44	-51
Real gross domestic income	<i>bill. CZK 2005</i>	3562	3441	3482	3504	3455	3440	3513	3576	3662	3751
	<i>growth in %</i>	2.1	-3.4	1.2	0.6	-1.4	-0.4	2.1	1.8	2.4	2.5
Contribution to GDP growth³⁾											
– Gross domestic expenditure	<i>percent. points</i>	2.2	-5.0	1.8	-0.1	-2.7	-1.1	0.7	1.5	1.9	1.9
– consumption	<i>percent. points</i>	1.6	0.9	0.5	-0.3	-1.5	0.2	0.5	0.8	1.2	1.2
– household expenditure	<i>percent. points</i>	1.4	0.1	0.5	0.3	-1.1	-0.1	0.3	0.7	1.0	1.0
– government expenditure	<i>percent. points</i>	0.2	0.8	0.1	-0.6	-0.4	0.3	0.2	0.1	0.2	0.2
– gross capital formation	<i>percent. points</i>	0.6	-5.9	1.3	0.2	-1.2	-1.3	0.2	0.7	0.7	0.7
– gross fixed capital formation	<i>percent. points</i>	1.1	-3.0	0.3	0.1	-1.1	-1.1	-0.1	0.6	0.7	0.7
– change in stocks	<i>percent. points</i>	-0.5	-2.9	1.0	0.1	-0.1	-0.2	0.3	0.1	0.0	0.0
– Foreign balance	<i>percent. points</i>	0.9	0.5	0.6	1.9	1.7	-0.2	0.7	0.5	0.5	0.6
– external balance of goods	<i>percent. points</i>	0.5	0.5	0.6	2.1	1.7	0.1	0.6	0.5	0.4	0.5
– external balance of services	<i>percent. points</i>	0.4	0.0	0.1	-0.2	0.0	-0.4	0.1	0.0	0.1	0.1
Gross value added	<i>bill. CZK 2005</i>	3320	3148	3247	3305	3273	.	.	.	.	.
	<i>growth in %</i>	4.1	-5.2	3.1	1.8	-1.0	.	.	.	.	.
Net taxes on products	<i>bill. CZK 2005</i>	316	321	310	316	311	.	.	.	.	.

Source: CZSO, own calculations

¹⁾ The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

²⁾ Deterministic impact of using prices and structure of the previous year for calculation of y-o-y growth.

³⁾ Calculated on the basis of prices and structure of the previous year with perfectly additive contributions.

Table C.1.2: Real GDP by Type of Expenditure – quarterly
 chained volumes, reference year 2005

		2013				2014			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Estimate</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Forecast</i>
Gross domestic product	<i>bill. CZK 2005</i>	829	887	900	920	837	898	917	933
	<i>growth in %</i>	-2.9	-1.7	-0.3	-0.7	1.0	1.2	1.9	1.4
	<i>growth in % ¹⁾</i>	-2.3	-1.7	-1.2	-0.4	1.0	1.2	1.6	1.7
	<i>quart.growth in % ¹⁾</i>	-1.3	0.3	0.2	0.5	0.0	0.5	0.5	0.6
Private consumption exp. ²⁾	<i>bill. CZK 2005</i>	404	425	434	445	404	427	438	449
	<i>growth in %</i>	-1.6	-0.3	0.5	0.5	0.0	0.4	0.9	0.9
Government consumption exp.	<i>bill. CZK 2005</i>	159	167	167	188	161	168	169	190
	<i>growth in %</i>	1.2	1.4	2.6	1.2	1.0	1.0	1.0	1.1
Gross capital formation	<i>bill. CZK 2005</i>	174	196	227	217	174	197	233	218
	<i>growth in %</i>	-6.2	-12.2	0.5	-5.3	0.0	0.7	2.8	0.2
– Gross fixed capital formation	<i>bill. CZK 2005</i>	182	200	213	227	180	200	210	230
	<i>growth in %</i>	-6.9	-5.9	-3.2	-3.4	-1.1	-0.3	-1.2	1.1
– Change in stocks and valuables	<i>bill. CZK 2005</i>	-9	-5	14	-10	-7	-3	23	-12
Exports of goods and services	<i>bill. CZK 2005</i>	748	781	777	813	776	811	806	843
	<i>growth in %</i>	-5.4	0.5	2.9	3.4	3.8	3.8	3.7	3.7
Imports of goods and services	<i>bill. CZK 2005</i>	648	674	698	738	669	696	721	760
	<i>growth in %</i>	-4.5	-1.0	4.7	3.4	3.2	3.2	3.2	3.1
Methodological discrepancy ³⁾	<i>bill. CZK 2005</i>	-7	-8	-7	-6	-9	-10	-9	-7
Real gross domestic income	<i>bill. CZK 2005</i>	805	863	876	897	822	881	900	910
	<i>growth in %</i>	-1.9	-0.8	0.7	0.2	2.2	2.2	2.7	1.5
Gross value added	<i>bill. CZK 2005</i>	767	817	822	.	.	.	.	.
	<i>growth in %</i>	-2.3	-1.2	-0.1	.	.	.	.	.
	<i>growth in % ¹⁾</i>	-1.6	-1.2	-1.1	.	.	.	.	.
	<i>quart.growth in % ¹⁾</i>	0.1	-0.1	-0.4	.	.	.	.	.
Net taxes on products	<i>bill. CZK 2005</i>	64	72	78	.	.	.	.	.

Source: CZSO, own calculations

¹⁾ From seasonally and working day adjusted data

²⁾ The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

³⁾ Deterministic impact of using prices and structure of the previous year for calculation of y-o-y growth.

Table C.1.3: Nominal GDP by Type of Expenditure – yearly

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
							<i>Estimate</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Outlook</i>	<i>Outlook</i>
Gross domestic product	<i>bill. CZK</i>	3848	3759	3791	3823	3846	3855	3974	4106	4233	4393
	<i>growth in %</i>	5.1	-2.3	0.8	0.9	0.6	0.2	3.1	3.3	3.1	3.8
Private consumption ¹⁾	<i>bill. CZK</i>	1883	1902	1917	1935	1944	1964	1993	2067	2125	2209
	<i>growth in %</i>	7.8	1.0	0.8	1.0	0.5	1.0	1.5	3.7	2.8	3.9
Government consumption	<i>bill. CZK</i>	759	809	807	793	789	802	816	827	838	855
	<i>growth in %</i>	4.6	6.6	-0.2	-1.8	-0.5	1.7	1.7	1.4	1.3	2.0
Gross capital formation	<i>bill. CZK</i>	1114	896	940	937	898	846	861	898	934	968
	<i>growth in %</i>	2.0	-19.5	4.8	-0.3	-4.2	-5.8	1.8	4.3	4.0	3.7
– Gross fixed capital formation	<i>bill. CZK</i>	1031	926	931	923	888	846	854	885	919	954
	<i>growth in %</i>	4.2	-10.2	0.5	-0.9	-3.8	-4.7	0.9	3.7	3.8	3.8
– Change in stocks and valuables	<i>bill. CZK</i>	83	-30	9	14	10	0	7	13	14	14
External balance	<i>bill. CZK</i>	92	152	127	159	215	244	304	315	337	362
– Exports of goods and services	<i>bill. CZK</i>	2480	2216	2524	2787	3001	3051	3255	3372	3521	3696
	<i>growth in %</i>	-0.7	-10.7	13.9	10.4	7.7	1.7	6.7	3.6	4.4	5.0
– Imports of goods and services	<i>bill. CZK</i>	2388	2064	2397	2628	2786	2808	2951	3057	3185	3335
	<i>growth in %</i>	-0.5	-13.6	16.1	9.6	6.0	0.8	5.1	3.6	4.2	4.7
Gross national income	<i>bill. CZK</i>	3668	3508	3506	3566	3561	3565	3674	3787	3894	4034
	<i>growth in %</i>	7.8	-4.3	-0.1	1.7	-0.1	0.1	3.1	3.1	2.8	3.6
Primary income balance	<i>bill. CZK</i>	-180	-251	-285	-258	-285	-290	-299	-319	-339	-359

Source: CZSO, own calculations

¹⁾ The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

Table C.1.4: Nominal GDP by Type of Expenditure – quarterly

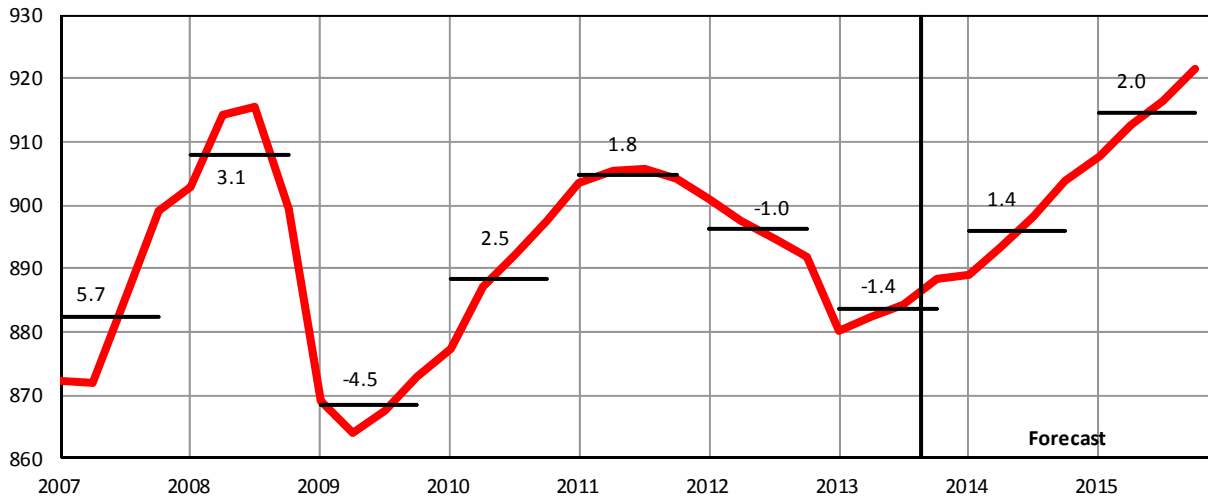
		2013				2014			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Estimate</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Forecast</i>
Gross domestic product	<i>bill. CZK</i>	897	967	981	1011	922	993	1017	1041
	<i>growth in %</i>	-1.1	-0.1	1.3	0.8	2.8	2.8	3.7	3.0
Private consumption ¹⁾	<i>bill. CZK</i>	464	490	500	510	464	494	510	523
	<i>growth in %</i>	-0.2	1.0	1.6	1.5	0.1	0.9	2.1	2.6
Government consumption	<i>bill. CZK</i>	183	195	196	228	185	198	199	233
	<i>growth in %</i>	1.0	1.6	2.6	1.4	1.2	1.4	1.9	2.2
Gross capital formation	<i>bill. CZK</i>	181	204	235	226	183	206	243	229
	<i>growth in %</i>	-5.6	-12.3	0.4	-5.6	1.4	0.9	3.2	1.7
– Gross fixed capital formation	<i>bill. CZK</i>	188	206	218	234	188	208	219	239
	<i>growth in %</i>	-6.6	-5.9	-3.4	-3.2	-0.1	0.8	0.3	2.4
– Change in stocks and valuables	<i>bill. CZK</i>	-7	-2	17	-8	-4	-2	24	-10
External balance	<i>bill. CZK</i>	69	78	50	47	89	96	65	55
– Exports of goods and services	<i>bill. CZK</i>	727	763	756	805	783	817	811	844
	<i>growth in %</i>	-4.2	1.2	3.7	6.1	7.6	7.1	7.3	4.8
– Imports of goods and services	<i>bill. CZK</i>	658	685	707	758	693	721	747	789
	<i>growth in %</i>	-4.6	-1.5	4.2	5.0	5.4	5.3	5.7	4.1

Source: CZSO, own calculations

¹⁾ The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

Graph C.1.1: Gross Domestic Product (real)

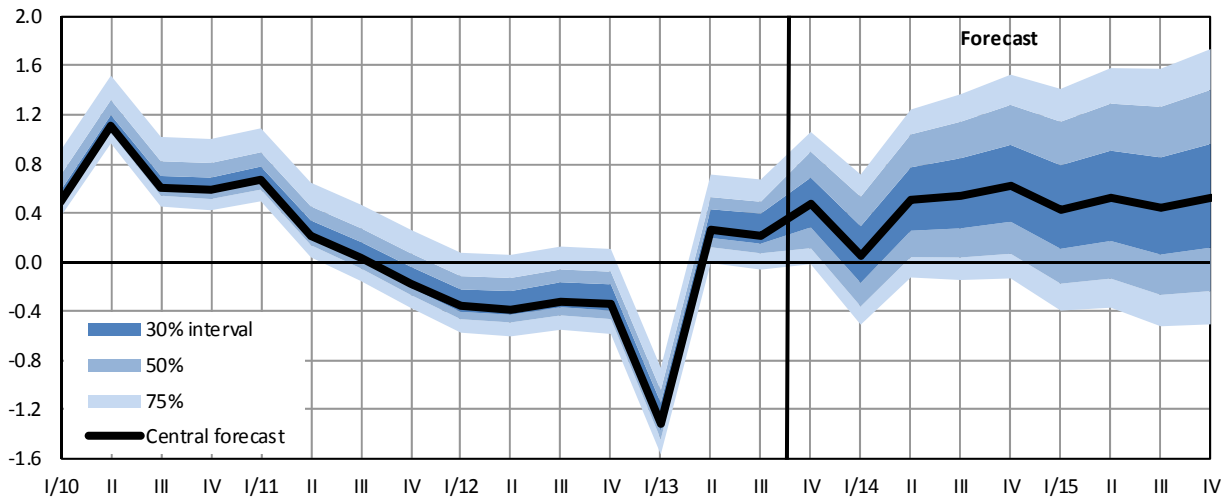
chained volumes, bill. CZK in const. prices of 2005, seasonally adjusted, growth rates in %



Source: CZSO, own calculations

Graph C.1.2: Gross Domestic Product (real)

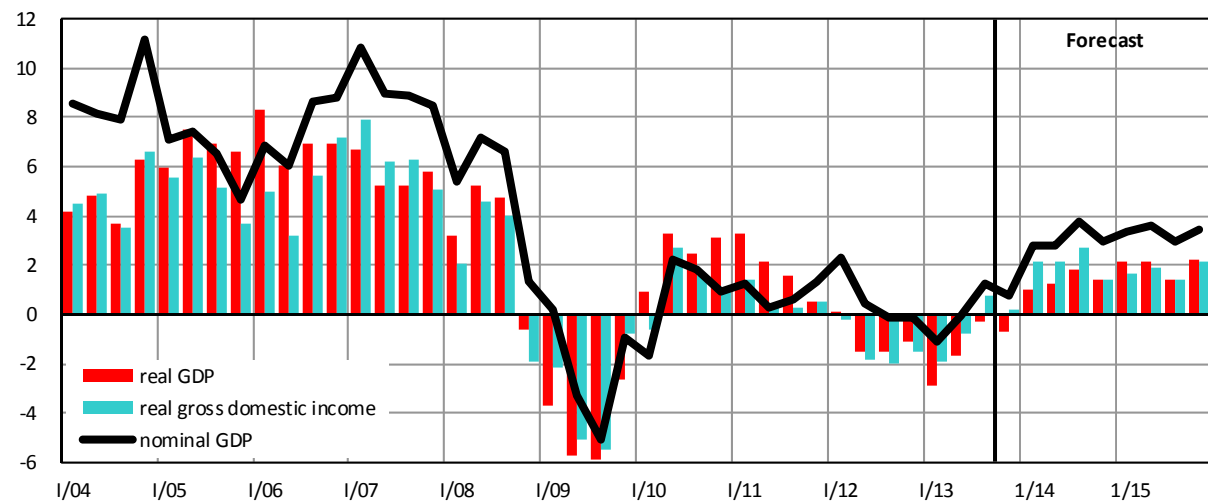
QoQ growth rate, in %, seasonally adjusted, past probability distribution reflects the actual distribution of data revisions, future probability distribution is based upon the MoF's forecasting performance



Source: CZSO, own calculations

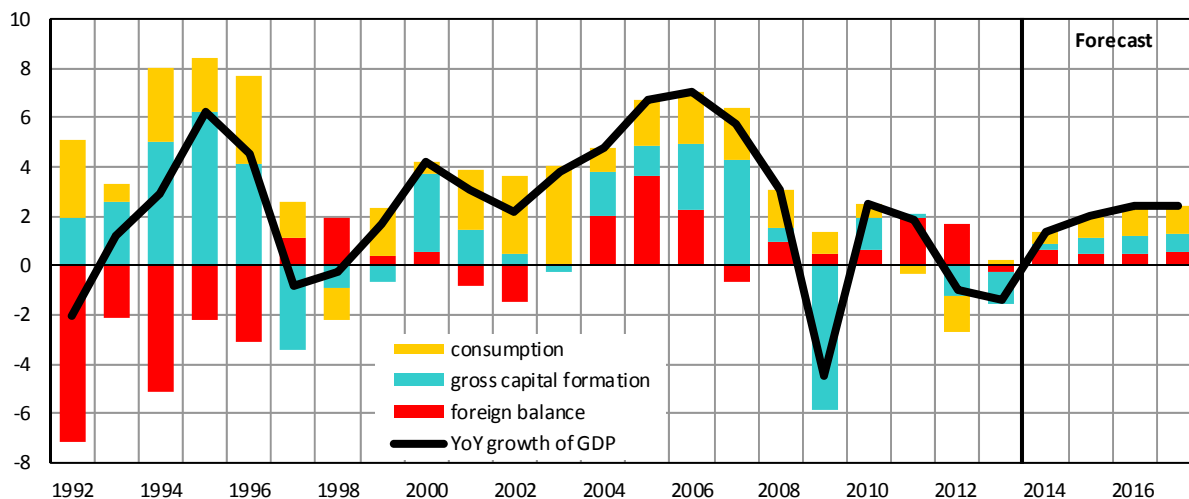
Graph C.1.3: Gross Domestic Product and Real Gross Domestic Income

YoY growth rate, in %



Source: CZSO, own calculations

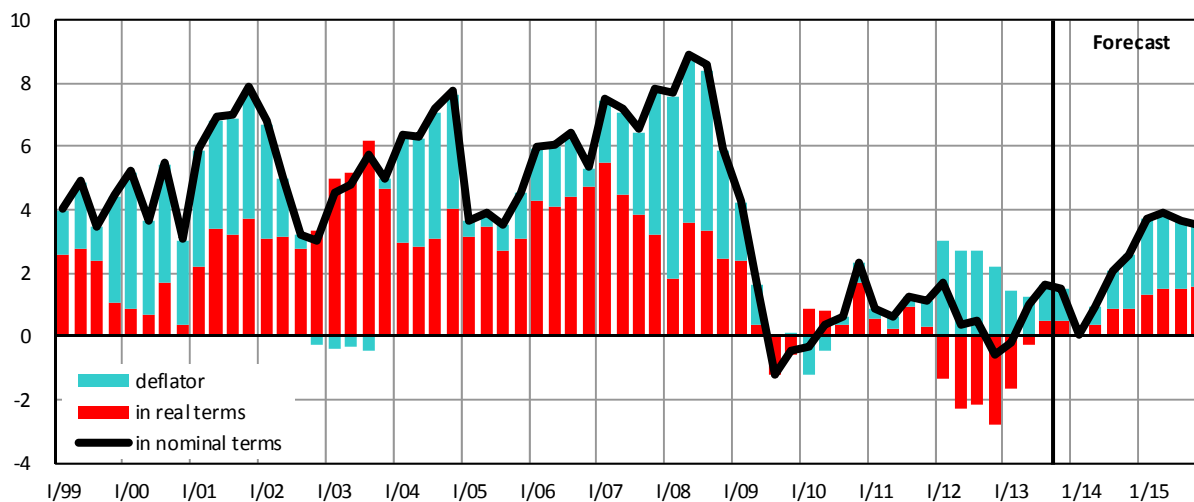
Graph C.1.4: Gross Domestic Product (real) – contributions to YoY growth
 decomposition of GDP YoY growth, contributions in percentage points, GDP growth rate in %



Source: CZSO, own calculations

Graph C.1.5: Private Consumption (incl. NPISH)

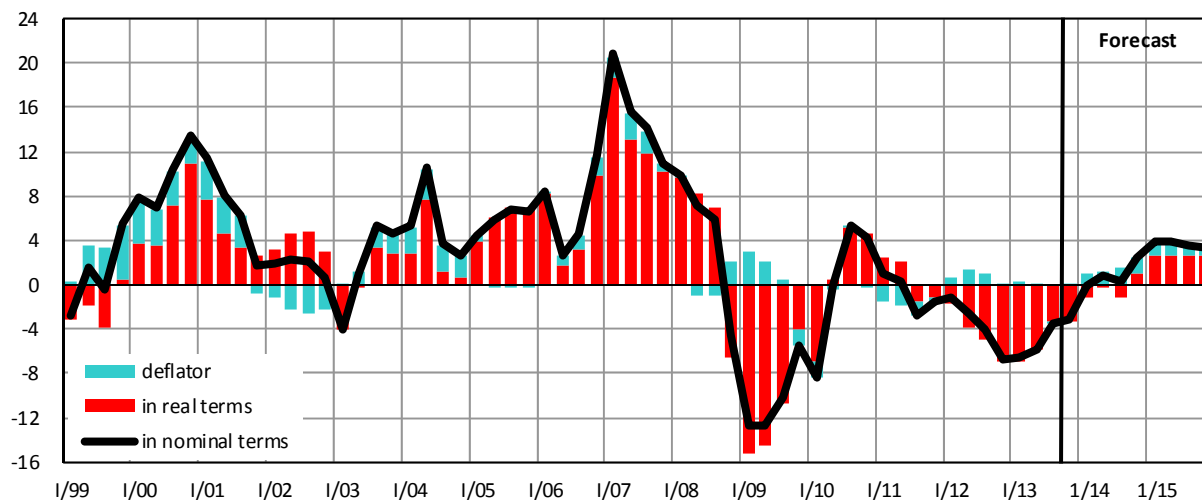
YoY growth rate, in %



Source: CZSO, own calculations

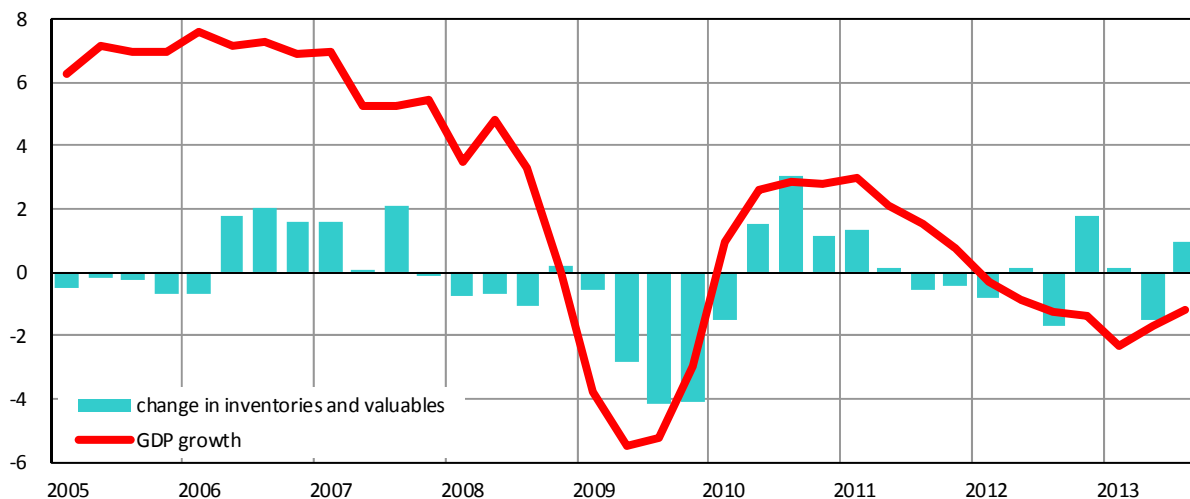
Graph C.1.6: Gross Fixed Capital Formation

YoY growth rate, in %



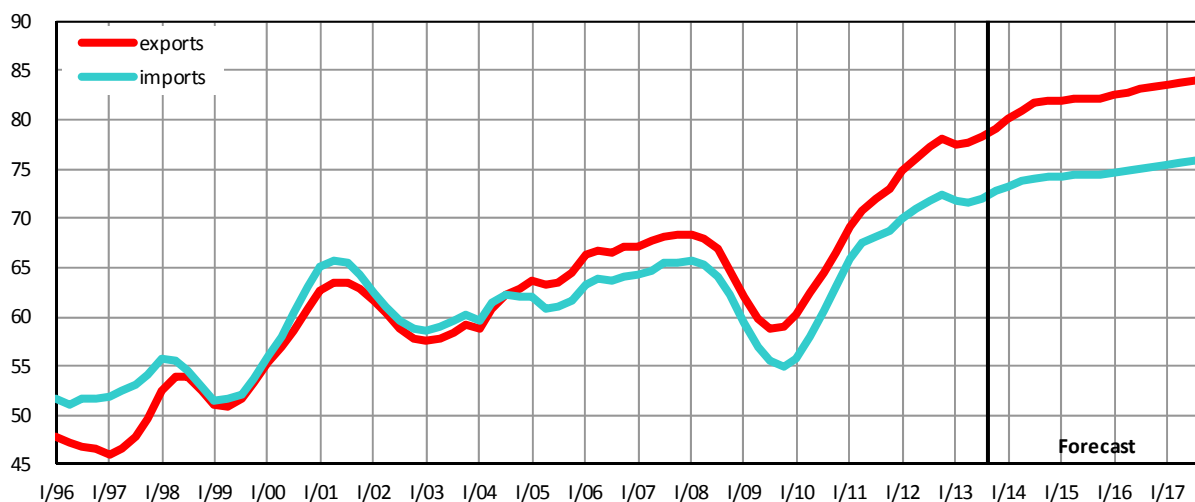
Source: CZSO, own calculations

Graph C.1.7: Change in Inventories and Valuables (real)
seasonally adjusted, contributions to YoY growth of GDP in percentage points



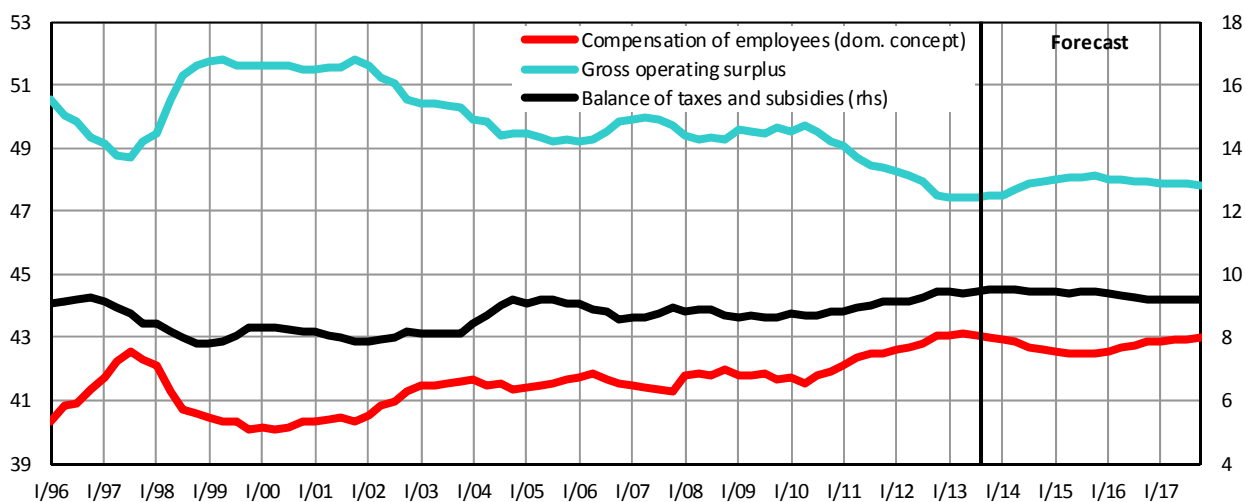
Source: CZSO

Graph C.1.8: Ratio of Exports and Imports of Goods and Services to GDP (nominal)
yearly moving sums, in %



Source: CZSO, own calculations

Graph C.1.9: GDP – Income Structure
yearly moving sums, in %



Source: CZSO, own calculations

Table C.1.5: GDP by Type of Income – yearly

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
							Estimate	Forecast	Forecast	Outlook	Outlook
GDP	<i>bill. CZK</i>	3848	3759	3791	3823	3846	3855	3974	4106	4233	4394
	<i>growth in %</i>	5.1	-2.3	0.8	0.9	0.6	0.2	3.1	3.3	3.1	3.8
Balance of taxes and subsidies	<i>bill. CZK</i>	335	325	334	349	363	368	375	387	391	404
	<i>growth in %</i>	2.5	-3.1	2.8	4.3	4.2	1.3	2.0	3.2	0.9	3.4
– Taxes on production and imports	<i>bill. CZK</i>	419	425	434	457	471	477	488	502	507	522
	<i>growth in %</i>	2.9	1.4	2.1	5.3	3.2	1.1	2.4	2.7	1.0	3.0
– Subsidies on production	<i>bill. CZK</i>	84	100	100	108	108	109	113	114	116	118
	<i>growth in %</i>	4.4	19.5	-0.4	8.6	0.2	0.7	3.7	1.0	1.5	1.5
Compensation of employees	<i>bill. CZK</i>	1617	1567	1590	1626	1656	1657	1694	1744	1814	1889
	<i>growth in %</i>	6.8	-3.0	1.4	2.2	1.8	0.1	2.2	2.9	4.0	4.1
– Wages and salaries	<i>bill. CZK</i>	1226	1201	1210	1237	1260	1257	1285	1340	1393	1450
	<i>growth in %</i>	7.5	-2.1	0.8	2.2	1.8	-0.2	2.2	4.3	4.0	4.1
– Social security contributions	<i>bill. CZK</i>	390	367	380	389	396	400	409	404	421	439
	<i>growth in %</i>	4.7	-6.1	3.7	2.4	1.8	1.0	2.2	-1.2	4.2	4.3
Gross operating surplus	<i>bill. CZK</i>	1896	1866	1867	1849	1827	1831	1904	1975	2029	2100
	<i>growth in %</i>	4.1	-1.6	0.0	-0.9	-1.2	0.2	4.0	3.7	2.7	3.5
– Consumption of capital	<i>bill. CZK</i>	680	710	720	731	746	758	773	792	814	839
	<i>growth in %</i>	5.6	4.4	1.4	1.6	2.0	1.6	2.0	2.5	2.8	3.0
– Net operating surplus	<i>bill. CZK</i>	1216	1156	1147	1118	1081	1073	1132	1183	1214	1262
	<i>growth in %</i>	3.2	-4.9	-0.8	-2.5	-3.3	-0.8	5.5	4.6	2.6	3.9

Source: CZSO, own calculations

Table C.1.6: GDP by Type of Income – quarterly

		2013				2014			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
					Estimate	Forecast	Forecast	Forecast	Forecast
GDP	<i>bill. CZK</i>	897	967	981	1011	922	993	1017	1041
	<i>growth in %</i>	-1.1	-0.1	1.3	0.8	2.8	2.8	3.7	3.0
Balance of taxes and subsidies	<i>bill. CZK</i>	79	92	105	92	80	94	108	94
	<i>growth in %</i>	-0.6	-1.7	3.7	3.2	2.0	2.1	2.2	1.8
Compensation of employees	<i>bill. CZK</i>	397	410	409	441	407	417	418	452
	<i>growth in %</i>	-0.8	0.3	0.7	0.0	2.6	1.6	2.2	2.6
– Wages and salaries	<i>bill. CZK</i>	299	310	310	337	307	315	317	346
	<i>growth in %</i>	-0.9	0.0	0.3	-0.3	2.6	1.6	2.2	2.6
– Social security contributions	<i>bill. CZK</i>	97	100	99	104	100	102	101	106
	<i>growth in %</i>	-0.2	1.3	2.0	1.0	2.6	1.6	2.2	2.6
Gross operating surplus	<i>bill. CZK</i>	422	464	466	478	435	482	492	495
	<i>growth in %</i>	-1.6	-0.1	1.3	1.1	3.1	3.9	5.5	3.5

Source: CZSO, own calculations