

Study on the Economic Impacts of Convergence Interventions (2007-2013)

Czech Republic – TFP elasticity = 0.10

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Czech Republic

Scenario: Past profile of 6 countries 2000-2006

Table 1: Payments profile – Czech Republic (mil. euro, current prices)

Czech Republic (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	871	2,198	2,931	3,099	3,302	3,115	3,040	4,102	4,102	26,759
Structural funds	583	1,472	1,962	2,075	2,211	2,086	2,035	2,747	2,747	17,917
<i>Productive environment</i>	140	353	471	498	531	501	488	659	659	4,300
Manufacturing	65	165	220	232	248	234	228	308	308	2,007
Services	75	188	251	266	283	267	261	352	352	2,293
<i>Human resources</i>	174	440	587	620	661	624	609	821	821	5,357
<i>Infrastructure</i>	243	614	818	865	922	870	849	1,145	1,145	7,472
<i>Rest (services)</i>	26	65	86	91	97	92	90	121	121	788
Cohesion funds	288	726	968	1,024	1,091	1,029	1,004	1,355	1,355	8,841

Table 2: Payments profile – Czech Republic (mil. euro, 2004 prices)

Czech Republic (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	821	2,031	2,654	2,751	2,874	2,658	2,543	3,365	3,299	22,998
Structural funds	550	1,360	1,777	1,842	1,925	1,780	1,703	2,253	2,209	15,399
<i>Productive environment</i>	132	326	427	442	462	427	409	541	530	3,696
Manufacturing	62	152	199	206	216	199	191	252	247	1,725
Services	70	174	228	236	246	228	218	288	283	1,971
<i>Human resources</i>	164	407	531	551	575	532	509	674	661	4,604
<i>Infrastructure</i>	229	567	741	768	803	742	710	940	921	6,421
<i>Rest (services)</i>	24	60	78	81	85	78	75	99	97	678
Cohesion funds	271	671	877	909	950	878	840	1,112	1,090	7,599

Table 3: Payments profile – Czech Republic (% of total payments)

Czech Republic (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Structural funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Productive environment	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Manufacturing	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Services	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Human resources	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Infrastructure	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Rest (services)	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0

Table 4: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.20	0.78	1.71	2.79	3.89	4.98	6.01	7.12	8.39	9.21	9.34	9.42	9.49	9.57
Private consumption	0.60	1.48	2.04	2.40	2.87	3.26	3.75	4.69	5.39	4.92	5.18	5.44	5.67	5.88
Government consumption	0.45	1.31	2.22	3.08	3.99	4.83	5.67	6.80	7.87	8.02	8.13	8.04	7.91	7.79
Gross fixed investment	3.77	9.19	12.30	13.45	14.76	14.86	15.33	19.11	20.05	10.12	10.41	10.70	10.99	11.29
Exports	-0.50	-0.98	-0.70	0.13	0.99	2.11	3.12	3.54	4.74	7.77	7.95	8.11	8.25	8.38
Imports	1.24	2.92	3.77	4.06	4.50	4.67	5.02	6.35	6.95	4.73	5.06	5.36	5.63	5.89

Table 5: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.41	0.99	1.36	1.59	1.88	2.10	2.38	2.92	3.27	2.87	3.03	3.17	3.30	3.41
Number of unemployed	-3.38	-8.19	-11.23	-13.09	-15.42	-17.17	-19.32	-23.60	-26.32	-23.18	-24.44	-25.53	-26.49	-27.33
Active population	0.09	0.23	0.32	0.38	0.45	0.50	0.57	0.72	0.82	0.71	0.75	0.79	0.82	0.86
Unemployment rate (%)	8.01	7.60	7.34	7.19	6.99	6.84	6.66	6.30	6.07	6.33	6.23	6.13	6.05	5.98
Unemployment rate (% points difference with BAU)	-0.29	-0.70	-0.96	-1.11	-1.31	-1.46	-1.64	-2.00	-2.23	-1.97	-2.07	-2.17	-2.25	-2.32

Table 6: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.60	1.48	2.04	2.40	2.87	3.25	3.73	4.67	5.36	4.86	5.14	5.40	5.64	5.86
Household real consumption	0.60	1.47	2.04	2.40	2.87	3.25	3.73	4.68	5.36	4.86	5.14	5.40	5.64	5.86
Household real savings	0.92	2.03	2.39	2.31	2.40	2.37	2.55	3.44	3.82	2.54	2.90	3.24	3.53	3.79
Propensity to save (%)	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Real average wage	0.46	1.15	1.60	1.89	2.26	2.55	2.91	3.66	4.16	3.58	3.81	4.01	4.19	4.35
Real average return to capital	0.79	1.38	0.86	-0.22	-1.12	-2.12	-2.83	-2.93	-3.62	-5.44	-5.22	-5.05	-4.90	-4.80

Table 7: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.76	1.63	1.84	1.74	1.91	2.02	2.39	3.42	3.95	2.96	3.82	4.52	5.08	5.54
Manufacturing	0.83	1.85	2.20	2.17	2.34	2.40	2.67	3.61	4.06	2.91	3.42	3.88	4.27	4.61
High-Tech Manufacturing	1.01	2.21	2.52	2.34	2.36	2.24	2.35	3.28	3.58	1.94	2.43	2.88	3.26	3.61
Services	0.33	1.03	1.84	2.65	3.49	4.27	5.02	5.96	6.95	7.30	7.27	7.30	7.35	7.42
Construction	-0.89	-1.70	-1.36	-0.39	0.46	1.56	2.42	2.43	3.52	7.22	6.83	6.60	6.48	6.45
Public administration	0.22	0.62	1.08	1.55	2.08	2.62	3.18	3.87	4.60	5.06	5.25	4.83	4.29	3.74
Private consumption - total	0.58	1.44	2.02	2.42	2.93	3.35	3.87	4.81	5.53	5.13	5.37	5.60	5.82	6.02

Table 8: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.97	2.10	2.43	2.38	2.64	2.82	3.31	4.63	5.29	3.92	4.99	5.84	6.53	7.08
Manufacturing	1.07	2.40	2.88	2.89	3.14	3.23	3.58	4.78	5.33	3.72	4.38	4.95	5.43	5.85
High-Tech Manufacturing	1.23	2.74	3.23	3.13	3.27	3.20	3.40	4.60	5.01	2.94	3.53	4.05	4.50	4.90
Services	0.43	1.36	2.43	3.50	4.59	5.60	6.56	7.78	9.00	9.28	9.26	9.29	9.34	9.41
Construction	-0.91	-1.64	-1.10	0.14	1.24	2.59	3.67	3.85	5.19	9.20	8.77	8.51	8.38	8.34
Public administration	0.31	0.91	1.59	2.28	3.04	3.77	4.51	5.44	6.39	6.80	7.01	6.54	5.94	5.32
Public consumption - total	0.45	1.31	2.22	3.08	3.99	4.83	5.67	6.80	7.87	8.02	8.13	8.04	7.91	7.79

Table 9: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.01	0.13	0.59	1.30	2.15	3.13	4.13	5.09	6.29	7.75	8.37	8.88	9.29	9.64
Manufacturing	0.26	0.82	1.54	2.34	3.22	4.11	5.00	6.06	7.17	7.82	8.14	8.42	8.65	8.87
High-Tech Manufacturing	0.78	2.04	3.08	3.89	4.77	5.47	6.23	7.58	8.58	7.62	7.85	8.06	8.24	8.41
Services	0.24	0.86	1.78	2.79	3.84	4.86	5.82	6.90	8.10	8.84	8.90	8.97	9.04	9.13
Construction	3.07	7.57	10.29	11.47	12.77	13.10	13.69	16.96	17.99	10.16	10.38	10.60	10.82	11.05
Public administration	0.27	0.84	1.51	2.23	3.00	3.76	4.53	5.45	6.43	6.94	7.15	6.73	6.18	5.61
Domestic sales - total	0.58	1.63	2.66	3.59	4.57	5.44	6.31	7.61	8.74	8.41	8.60	8.75	8.89	9.02

Table 10: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.25	-0.45	-0.15	0.58	1.50	2.65	3.84	4.84	6.19	8.33	9.29	10.03	10.61	11.06
Manufacturing	-0.46	-0.80	-0.34	0.66	1.74	3.06	4.30	5.09	6.53	9.38	9.86	10.25	10.58	10.86
High-Tech Manufacturing	-0.46	-0.88	-0.57	0.23	1.04	2.07	2.99	3.36	4.43	7.16	7.27	7.35	7.43	7.49
Services	0.05	0.51	1.52	2.76	4.00	5.25	6.37	7.42	8.80	10.15	10.07	10.02	10.00	10.00
Construction	3.22	7.93	10.77	11.98	13.32	13.62	14.21	17.60	18.63	10.33	10.54	10.75	10.97	11.20
Public administration	0.25	0.78	1.46	2.18	2.97	3.75	4.52	5.44	6.42	7.01	7.21	6.76	6.18	5.58
Domestic production - total	0.11	0.59	1.48	2.56	3.67	4.80	5.86	6.92	8.22	9.32	9.46	9.56	9.66	9.75

Table 11: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.64	-1.18	-0.80	0.12	0.97	2.01	2.86	3.08	4.03	6.70	6.65	6.60	6.57	6.57
Manufacturing	-0.92	-1.79	-1.46	-0.44	0.44	1.58	2.43	2.33	3.28	6.84	6.47	6.18	5.96	5.81
High-Tech Manufacturing	-0.81	-1.75	-1.78	-1.22	-0.80	-0.12	0.32	-0.18	0.33	3.56	3.05	2.66	2.38	2.17
Services	0.10	0.19	0.23	0.30	0.43	0.61	0.82	1.06	1.34	1.68	1.90	2.07	2.22	2.34
Construction	7.06	16.17	19.12	17.86	17.39	14.92	13.79	19.03	18.04	-1.35	0.55	1.99	3.07	3.88
Public administration	0.31	0.81	1.22	1.55	1.91	2.23	2.55	3.05	3.47	3.39	3.44	3.79	4.21	4.63
Employment - total	0.41	0.99	1.36	1.59	1.88	2.10	2.38	2.92	3.27	2.87	3.03	3.17	3.30	3.41

Table 12: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-1.58	-2.07	0.57	4.40	7.50	10.69	12.92	13.42	16.21	22.61	20.24	18.38	17.00	16.00
Manufacturing	-0.38	0.28	2.76	5.82	8.45	10.97	12.89	14.17	16.59	19.56	18.19	17.12	16.34	15.78
High-Tech Manufacturing	0.12	0.93	2.63	4.56	6.25	7.83	9.04	9.93	11.57	13.36	12.24	11.43	10.88	10.53
Services	5.10	12.20	15.81	16.63	17.73	17.21	17.29	21.93	22.51	8.27	8.84	9.36	9.83	10.27
Construction	16.48	36.20	41.68	38.25	36.82	30.95	28.47	41.35	39.22	-8.04	-1.48	3.51	7.24	10.03
Public administration	0.90	2.37	3.54	4.41	5.45	6.35	7.36	9.04	10.41	10.03	10.55	11.40	12.34	13.30
Total investments - total	3.93	9.56	12.77	13.94	15.27	15.34	15.80	19.69	20.63	10.24	10.53	10.82	11.12	11.42

Table 13: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	1.02	2.55	3.56	4.03	4.43	4.53	4.63	5.34	5.75	4.30	3.60	3.19	2.97	2.90
Manufacturing	1.08	2.55	3.37	3.70	4.14	4.35	4.68	5.83	6.42	4.66	4.82	4.99	5.16	5.33
High-Tech Manufacturing	1.13	2.81	3.94	4.62	5.40	5.90	6.51	8.03	8.91	6.94	7.21	7.45	7.68	7.89
Services	2.12	4.22	3.93	2.43	1.42	0.14	-0.50	0.61	0.13	-4.34	-3.06	-2.01	-1.12	-0.38
Construction	7.54	17.31	20.15	18.31	17.46	14.59	13.30	18.82	17.81	-1.85	0.21	1.85	3.15	4.20
Public administration	2.22	4.74	5.09	4.21	3.74	2.88	2.57	4.07	3.98	-0.60	0.34	1.76	3.20	4.57
Imports - total	1.24	2.92	3.77	4.06	4.50	4.67	5.02	6.35	6.95	4.73	5.06	5.36	5.63	5.89

Table 14: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.41	-0.90	-0.86	-0.32	0.40	1.43	2.52	3.29	4.53	7.13	8.25	9.14	9.85	10.41
Manufacturing	-0.52	-1.04	-0.83	-0.07	0.77	1.90	2.97	3.48	4.74	7.86	8.33	8.73	9.07	9.38
High-Tech Manufacturing	-0.47	-0.94	-0.74	-0.06	0.65	1.59	2.43	2.71	3.70	6.46	6.59	6.69	6.78	6.86
Services	-0.64	-1.00	-0.12	1.50	3.07	4.90	6.45	7.19	9.04	12.99	12.53	12.17	11.91	11.73
Construction	-0.39	-0.38	0.79	2.55	4.18	5.92	7.33	8.17	9.96	12.72	11.98	11.47	11.15	10.97
Public administration	-0.62	-1.18	-0.80	0.19	1.15	2.36	3.39	3.69	4.90	8.24	8.12	6.93	5.53	4.12
Exports - total	-0.50	-0.98	-0.70	0.13	0.99	2.11	3.12	3.54	4.74	7.77	7.95	8.11	8.25	8.38

Table 15: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.71	-1.22	-0.70	0.28	1.02	1.82	2.28	2.07	2.58	4.54	3.71	3.04	2.51	2.09
Manufacturing	-0.78	-1.45	-1.08	-0.18	0.55	1.40	1.98	1.87	2.46	4.61	4.15	3.73	3.38	3.08
High-Tech Manufacturing	-0.97	-1.82	-1.42	-0.36	0.52	1.58	2.32	2.22	2.98	5.70	5.25	4.84	4.48	4.18
Services	-0.24	-0.57	-0.70	-0.69	-0.67	-0.58	-0.52	-0.61	-0.56	-0.07	0.07	0.12	0.14	0.14
Construction	1.12	2.47	2.84	2.65	2.62	2.33	2.26	3.15	3.05	0.01	0.52	0.84	1.03	1.14
Public administration	-0.11	-0.13	0.12	0.49	0.83	1.17	1.43	1.59	1.88	2.26	2.17	2.70	3.36	4.04
Consumer price index	-0.51	-1.01	-0.90	-0.44	-0.08	0.39	0.71	0.60	0.92	2.21	2.06	1.90	1.74	1.60

Table 16: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.68	-1.13	-0.55	0.46	1.20	1.98	2.41	2.15	2.64	4.54	3.58	2.82	2.23	1.78
Manufacturing	-0.67	-1.23	-0.87	-0.07	0.56	1.28	1.73	1.57	2.05	3.91	3.38	2.91	2.53	2.21
High-Tech Manufacturing	-0.74	-1.39	-1.09	-0.29	0.35	1.12	1.64	1.50	2.04	4.12	3.70	3.31	3.00	2.73
Services	-0.20	-0.50	-0.67	-0.70	-0.72	-0.68	-0.63	-0.73	-0.70	-0.28	-0.13	-0.07	-0.04	-0.03
Construction	1.09	2.40	2.77	2.57	2.54	2.25	2.19	3.06	2.96	0.00	0.51	0.81	1.00	1.10
Public administration	-0.11	-0.12	0.12	0.48	0.80	1.14	1.39	1.55	1.83	2.20	2.12	2.65	3.30	3.98
Price index of total domestic production	-0.30	-0.55	-0.43	-0.11	0.16	0.48	0.70	0.68	0.90	1.67	1.56	1.44	1.33	1.23

Czech Republic

Scenario: Worst case payment scenario (n+3/n+2)

Table 17: Payments profile – Czech Republic (mil. euro, current prices)

Czech Republic (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	3,328	3,489	3,650	7,807	4,157	4,328	26,759
Structural funds	0	0	0	2,229	2,336	2,444	5,227	2,783	2,898	17,917
<i>Productive environment</i>	0	0	0	535	561	587	1,255	668	695	4,300
Manufacturing	0	0	0	250	262	274	585	312	325	2,007
Services	0	0	0	285	299	313	669	356	371	2,293
<i>Human resources</i>	0	0	0	666	699	731	1,563	832	866	5,357
<i>Infrastructure</i>	0	0	0	929	974	1,019	2,180	1,160	1,208	7,472
<i>Rest (services)</i>	0	0	0	98	103	108	230	122	127	788
Cohesion funds	0	0	0	1,099	1,152	1,206	2,580	1,374	1,431	8,841

Table 18: Payments profile – Czech Republic (mil. euro, 2004 prices)

Czech Republic (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	2,955	3,037	3,115	6,533	3,410	3,481	22,531
Structural funds	0	0	0	1,979	2,034	2,086	4,374	2,283	2,330	15,087
<i>Productive environment</i>	0	0	0	475	488	501	1,050	548	559	3,621
Manufacturing	0	0	0	222	228	234	490	256	261	1,690
Services	0	0	0	253	260	267	560	292	298	1,931
<i>Human resources</i>	0	0	0	592	608	624	1,308	683	697	4,511
<i>Infrastructure</i>	0	0	0	825	848	870	1,824	952	972	6,291
<i>Rest (services)</i>	0	0	0	87	89	92	192	100	103	664
Cohesion funds	0	0	0	976	1,003	1,029	2,159	1,127	1,151	7,444

Table 19: Payments profile – Czech Republic (% of total payments)

Czech Republic (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Structural funds	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Productive environment	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Manufacturing	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Services	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Human resources	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Infrastructure	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Rest (services)	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.4	100.0
Cohesion funds	0.0	0.0	0.0	13.1	13.5	13.8	29.0	15.1	15.5	100.0

Table 20: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.00	0.00	0.00	0.52	1.67	2.83	4.44	6.41	7.72	8.56	8.69	8.80	8.88	8.95
Private consumption	0.00	0.00	0.00	1.72	2.07	2.53	4.76	4.28	5.04	4.53	4.79	5.02	5.25	5.46
Government consumption	0.00	0.00	0.00	1.31	2.23	3.19	5.42	6.30	7.41	7.54	7.63	7.70	7.57	7.45
Gross fixed investment	0.00	0.00	0.00	11.82	13.01	14.23	27.08	18.57	19.95	9.42	9.70	9.97	10.25	10.53
Exports	0.00	0.00	0.00	-1.81	-0.93	0.01	-1.02	2.84	3.98	7.16	7.36	7.53	7.67	7.80
Imports	0.00	0.00	0.00	3.65	3.91	4.29	8.25	5.99	6.72	4.34	4.67	4.96	5.23	5.48

Table 21: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.00	0.00	0.00	1.19	1.40	1.67	3.04	2.65	3.07	2.63	2.80	2.95	3.07	3.18
Number of unemployed	0.00	0.00	0.00	-9.79	-11.51	-13.70	-24.51	-21.50	-24.71	-21.34	-22.67	-23.78	-24.76	-25.61
Active population	0.00	0.00	0.00	0.28	0.33	0.39	0.75	0.65	0.76	0.64	0.69	0.73	0.76	0.79
Unemployment rate (%)	8.30	8.30	8.30	7.47	7.32	7.14	6.22	6.47	6.20	6.49	6.37	6.28	6.20	6.13
Unemployment rate (% points difference with BAU)	0.00	0.00	0.00	-0.83	-0.98	-1.16	-2.08	-1.83	-2.10	-1.81	-1.93	-2.02	-2.10	-2.17

Table 22: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.00	0.00	0.00	1.72	2.07	2.52	4.76	4.26	5.01	4.47	4.74	4.98	5.22	5.43
Household real consumption	0.00	0.00	0.00	1.72	2.07	2.52	4.76	4.26	5.01	4.47	4.75	4.99	5.22	5.43
Household real savings	0.00	0.00	0.00	2.59	2.47	2.50	5.20	3.21	3.66	2.27	2.63	2.94	3.23	3.48
Propensity to save (%)	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Real average wage	0.00	0.00	0.00	1.39	1.65	1.99	3.82	3.28	3.86	3.26	3.49	3.69	3.87	4.03
Real average return to capital	0.00	0.00	0.00	2.15	0.98	-0.05	1.06	-2.51	-3.19	-5.17	-4.96	-4.79	-4.65	-4.55

Table 23: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	2.22	1.88	1.84	4.24	2.38	3.12	2.15	3.09	3.84	4.45	4.94
Manufacturing	0.00	0.00	0.00	2.39	2.26	2.32	4.88	3.08	3.66	2.44	2.98	3.44	3.84	4.19
High-Tech Manufacturing	0.00	0.00	0.00	2.91	2.62	2.52	5.43	2.92	3.34	1.60	2.11	2.54	2.94	3.28
Services	0.00	0.00	0.00	0.92	1.84	2.75	4.59	5.67	6.65	6.98	6.93	6.91	6.93	6.98
Construction	0.00	0.00	0.00	-2.94	-1.63	-0.51	-2.11	2.49	3.32	7.11	6.64	6.33	6.16	6.09
Public administration	0.00	0.00	0.00	0.55	1.05	1.60	2.70	3.45	4.19	4.64	4.82	4.92	4.41	3.89
Private consumption - total	0.00	0.00	0.00	1.65	2.05	2.55	4.75	4.41	5.19	4.75	4.98	5.19	5.40	5.59

Table 24: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	2.88	2.50	2.50	5.59	3.26	4.21	2.87	4.05	4.98	5.73	6.33
Manufacturing	0.00	0.00	0.00	3.14	2.98	3.08	6.39	4.05	4.78	3.10	3.80	4.38	4.89	5.32
High-Tech Manufacturing	0.00	0.00	0.00	3.62	3.37	3.35	7.02	4.07	4.66	2.48	3.09	3.62	4.08	4.48
Services	0.00	0.00	0.00	1.27	2.44	3.62	6.03	7.34	8.59	8.85	8.80	8.78	8.81	8.86
Construction	0.00	0.00	0.00	-2.98	-1.39	0.01	-1.42	3.80	4.88	8.99	8.47	8.14	7.95	7.87
Public administration	0.00	0.00	0.00	0.86	1.58	2.35	3.93	4.86	5.84	6.24	6.46	6.58	6.01	5.42
Public consumption - total	0.00	0.00	0.00	1.31	2.23	3.19	5.42	6.30	7.41	7.54	7.63	7.70	7.57	7.45

Table 25: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-0.12	0.48	1.25	1.97	3.79	5.10	6.67	7.37	7.93	8.39	8.77
Manufacturing	0.00	0.00	0.00	0.69	1.49	2.37	3.91	5.21	6.40	7.07	7.42	7.72	7.97	8.19
High-Tech Manufacturing	0.00	0.00	0.00	2.31	3.14	4.03	7.12	6.95	8.06	7.03	7.27	7.48	7.67	7.84
Services	0.00	0.00	0.00	0.64	1.74	2.86	4.55	6.32	7.55	8.30	8.35	8.41	8.47	8.54
Construction	0.00	0.00	0.00	9.62	10.86	12.11	22.81	16.42	17.81	9.49	9.70	9.90	10.11	10.33
Public administration	0.00	0.00	0.00	0.75	1.49	2.28	3.78	4.85	5.86	6.37	6.59	6.71	6.20	5.66
Domestic sales - total	0.00	0.00	0.00	1.73	2.69	3.71	6.37	6.95	8.15	7.78	7.98	8.15	8.28	8.41

Table 26: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-0.80	-0.31	0.45	0.58	2.95	4.49	6.84	7.94	8.79	9.46	9.98
Manufacturing	0.00	0.00	0.00	-1.51	-0.55	0.52	0.08	3.76	5.24	8.25	8.80	9.25	9.62	9.93
High-Tech Manufacturing	0.00	0.00	0.00	-1.65	-0.80	0.09	-0.85	2.74	3.78	6.65	6.78	6.88	6.96	7.03
Services	0.00	0.00	0.00	0.06	1.45	2.81	4.14	6.90	8.26	9.65	9.54	9.47	9.42	9.41
Construction	0.00	0.00	0.00	10.08	11.37	12.66	23.83	17.08	18.48	9.67	9.86	10.05	10.26	10.47
Public administration	0.00	0.00	0.00	0.67	1.43	2.24	3.66	4.84	5.85	6.44	6.65	6.76	6.21	5.65
Domestic production - total	0.00	0.00	0.00	0.27	1.41	2.58	3.93	6.16	7.49	8.63	8.78	8.91	9.01	9.10

Table 27: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-2.02	-0.98	-0.02	-1.19	2.59	3.47	6.27	6.21	6.18	6.16	6.15
Manufacturing	0.00	0.00	0.00	-2.99	-1.72	-0.61	-2.77	2.27	3.04	6.74	6.31	6.00	5.75	5.57
High-Tech Manufacturing	0.00	0.00	0.00	-2.88	-2.04	-1.38	-4.00	0.32	0.57	3.90	3.30	2.85	2.51	2.26
Services	0.00	0.00	0.00	0.15	0.19	0.31	0.46	0.78	1.08	1.43	1.67	1.87	2.02	2.15
Construction	0.00	0.00	0.00	22.98	20.69	19.23	41.61	17.50	17.81	-2.41	-0.32	1.27	2.47	3.36
Public administration	0.00	0.00	0.00	0.86	1.22	1.61	2.75	2.89	3.34	3.23	3.28	3.36	3.75	4.14
Employment - total	0.00	0.00	0.00	1.19	1.40	1.67	3.04	2.65	3.07	2.63	2.80	2.95	3.07	3.18

Table 28: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-5.02	0.20	4.34	3.05	15.03	17.04	23.22	20.61	18.54	16.94	15.76
Manufacturing	0.00	0.00	0.00	-1.38	2.57	5.89	7.43	14.88	16.91	19.67	18.13	16.92	16.00	15.33
High-Tech Manufacturing	0.00	0.00	0.00	-0.15	2.48	4.69	6.12	10.95	12.18	13.74	12.41	11.43	10.74	10.27
Services	0.00	0.00	0.00	16.20	16.84	17.66	34.78	21.16	22.41	7.39	7.98	8.52	9.00	9.44
Construction	0.00	0.00	0.00	50.08	44.86	41.16	83.75	35.63	37.01	-11.72	-4.54	0.98	5.13	8.23
Public administration	0.00	0.00	0.00	2.75	3.58	4.59	8.67	8.19	9.65	9.22	9.72	10.24	11.11	12.00
Total investments - total	0.00	0.00	0.00	12.31	13.52	14.75	28.11	19.16	20.56	9.54	9.82	10.09	10.37	10.65

Table 29: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	2.78	3.66	4.32	7.36	6.58	6.76	5.00	4.09	3.51	3.16	2.99
Manufacturing	0.00	0.00	0.00	3.09	3.48	3.92	7.36	5.73	6.38	4.47	4.60	4.75	4.89	5.04
High-Tech Manufacturing	0.00	0.00	0.00	3.38	4.07	4.83	8.88	7.49	8.50	6.40	6.67	6.92	7.14	7.34
Services	0.00	0.00	0.00	6.20	4.19	2.74	7.58	-0.07	-0.22	-4.90	-3.53	-2.40	-1.46	-0.68
Construction	0.00	0.00	0.00	24.85	21.78	19.79	44.72	17.30	17.59	-2.90	-0.69	1.08	2.48	3.59
Public administration	0.00	0.00	0.00	6.60	5.38	4.60	10.62	3.62	3.83	-0.98	0.00	0.89	2.30	3.63
Imports - total	0.00	0.00	0.00	3.65	3.91	4.29	8.25	5.99	6.72	4.34	4.67	4.96	5.23	5.48

Table 30: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-1.37	-1.09	-0.52	-1.16	1.39	2.80	5.61	6.88	7.89	8.69	9.32
Manufacturing	0.00	0.00	0.00	-1.82	-1.08	-0.23	-1.28	2.41	3.65	6.94	7.45	7.88	8.25	8.57
High-Tech Manufacturing	0.00	0.00	0.00	-1.71	-0.97	-0.19	-1.31	2.16	3.10	6.01	6.15	6.26	6.35	6.44
Services	0.00	0.00	0.00	-2.18	-0.29	1.54	0.90	6.95	8.62	12.72	12.17	11.74	11.42	11.19
Construction	0.00	0.00	0.00	-1.47	0.73	2.73	2.76	8.36	9.87	12.61	11.74	11.12	10.71	10.46
Public administration	0.00	0.00	0.00	-2.17	-1.02	0.08	-1.23	3.29	4.36	7.82	7.66	7.43	6.09	4.74
Exports - total	0.00	0.00	0.00	-1.81	-0.93	0.01	-1.02	2.84	3.98	7.16	7.36	7.53	7.67	7.80

Table 31: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-2.13	-0.81	0.21	-1.13	2.64	2.93	4.92	3.98	3.26	2.67	2.21
Manufacturing	0.00	0.00	0.00	-2.31	-1.21	-0.30	-1.79	1.87	2.34	4.58	4.10	3.70	3.33	3.02
High-Tech Manufacturing	0.00	0.00	0.00	-2.85	-1.59	-0.52	-2.36	2.05	2.68	5.54	5.08	4.69	4.32	4.02
Services	0.00	0.00	0.00	-0.75	-0.76	-0.76	-1.50	-0.86	-0.80	-0.27	-0.10	0.02	0.07	0.08
Construction	0.00	0.00	0.00	3.61	3.10	2.82	5.94	2.51	2.71	-0.40	0.20	0.62	0.86	1.00
Public administration	0.00	0.00	0.00	-0.34	0.09	0.47	0.49	1.47	1.77	2.18	2.09	2.09	2.71	3.34
Consumer price index	0.00	0.00	0.00	-1.53	-0.99	-0.54	-1.66	0.46	0.73	2.08	1.95	1.82	1.67	1.54

Table 32: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-2.07	-0.65	0.41	-0.88	2.93	3.16	5.05	3.97	3.14	2.47	1.96
Manufacturing	0.00	0.00	0.00	-2.03	-0.99	-0.16	-1.51	1.81	2.14	4.07	3.48	3.01	2.59	2.25
High-Tech Manufacturing	0.00	0.00	0.00	-2.22	-1.22	-0.41	-1.92	1.54	1.95	4.11	3.66	3.29	2.95	2.67
Services	0.00	0.00	0.00	-0.64	-0.71	-0.76	-1.45	-0.96	-0.92	-0.46	-0.29	-0.15	-0.10	-0.07
Construction	0.00	0.00	0.00	3.51	3.01	2.74	5.78	2.43	2.62	-0.39	0.19	0.60	0.83	0.97
Public administration	0.00	0.00	0.00	-0.32	0.09	0.46	0.48	1.43	1.72	2.12	2.04	2.04	2.66	3.29
Price index of total domestic production	0.00	0.00	0.00	-0.86	-0.48	-0.16	-0.72	0.58	0.78	1.60	1.49	1.39	1.28	1.19

Czech Republic

Scenario: Programming prices scenario

Table 33: Payments profile – Czech Republic (mil. euro, current prices)

Czech Republic (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3,328	3,489	3,650	3,819	3,988	4,157	4,328	0	0	26,759
Structural funds	2,229	2,336	2,444	2,557	2,670	2,783	2,898	0	0	17,917
<i>Productive environment</i>	535	561	587	614	641	668	695	0	0	4,300
Manufacturing	250	262	274	286	299	312	325	0	0	2,007
Services	285	299	313	327	342	356	371	0	0	2,293
<i>Human resources</i>	666	699	731	765	798	832	866	0	0	5,357
<i>Infrastructure</i>	929	974	1,019	1,066	1,114	1,160	1,208	0	0	7,472
<i>Rest (services)</i>	98	103	108	113	117	122	127	0	0	788
Cohesion funds	1,099	1,152	1,206	1,262	1,318	1,374	1,431	0	0	8,841

Table 34: Payments profile – Czech Republic (mil. euro, 2004 prices)

Czech Republic (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3,136	3,223	3,306	3,391	3,472	3,548	3,622	0	0	23,697
Structural funds	2,100	2,158	2,214	2,271	2,325	2,375	2,425	0	0	15,868
<i>Productive environment</i>	504	518	531	545	558	570	582	0	0	3,808
Manufacturing	235	242	248	254	260	266	272	0	0	1,777
Services	269	276	283	291	298	304	310	0	0	2,031
<i>Human resources</i>	628	645	662	679	695	710	725	0	0	4,744
<i>Infrastructure</i>	876	900	923	947	969	990	1,011	0	0	6,617
<i>Rest (services)</i>	92	95	97	100	102	105	107	0	0	698
Cohesion funds	1,036	1,065	1,092	1,120	1,147	1,173	1,197	0	0	7,830

Table 35: Payments profile – Czech Republic (% of total payments)

Czech Republic (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Structural funds	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Productive environment	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Manufacturing	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Services	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Human resources	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Infrastructure	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Rest (services)	13.2	13.6	14.0	14.3	14.7	15.0	15.3	0.0	0.0	100.0
Cohesion funds	13.2	13.6	13.9	14.3	14.7	15.0	15.3	0.0	0.0	100.0

Table 36: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.68	1.98	3.29	4.62	5.98	7.36	8.77	9.63	9.75	9.83	9.90	9.97	10.04	10.11
Private consumption	2.41	2.58	2.92	3.40	4.00	4.70	5.48	4.75	5.06	5.36	5.63	5.87	6.10	6.32
Government consumption	1.76	2.70	3.70	4.76	5.87	7.03	8.23	8.27	8.37	8.29	8.17	8.05	7.93	7.81
Gross fixed investment	14.01	15.19	16.43	17.74	19.11	20.53	21.99	10.18	10.50	10.81	11.12	11.43	11.74	12.05
Exports	-1.95	-0.99	0.04	1.12	2.25	3.42	4.64	8.08	8.26	8.42	8.56	8.69	8.82	8.94
Imports	4.75	4.75	4.97	5.36	5.88	6.52	7.25	4.42	4.81	5.16	5.47	5.76	6.03	6.29

Table 37: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	1.55	1.69	1.92	2.22	2.57	2.95	3.37	2.82	3.01	3.17	3.31	3.43	3.54	3.65
Number of unemployed	-12.72	-13.85	-15.69	-18.07	-20.84	-23.85	-27.02	-22.80	-24.27	-25.52	-26.60	-27.54	-28.38	-29.15
Active population	0.36	0.40	0.46	0.53	0.63	0.73	0.84	0.69	0.74	0.79	0.83	0.86	0.90	0.92
Unemployment rate (%)	7.22	7.12	6.97	6.76	6.53	6.27	6.01	6.36	6.24	6.13	6.04	5.96	5.89	5.83
Unemployment rate (% points difference with BAU)	-1.08	-1.18	-1.33	-1.54	-1.77	-2.03	-2.29	-1.94	-2.06	-2.17	-2.26	-2.34	-2.41	-2.47

Table 38: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	2.40	2.57	2.91	3.39	3.99	4.67	5.44	4.67	5.00	5.31	5.58	5.84	6.07	6.29
Household real consumption	2.40	2.57	2.91	3.39	3.99	4.68	5.45	4.67	5.01	5.31	5.59	5.84	6.07	6.29
Household real savings	3.69	3.13	2.85	2.81	2.96	3.26	3.69	1.91	2.39	2.82	3.19	3.52	3.81	4.08
Propensity to save (%)	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Real average wage	1.83	2.01	2.30	2.70	3.17	3.70	4.29	3.51	3.78	4.01	4.21	4.39	4.56	4.71
Real average return to capital	3.17	1.36	-0.14	-1.40	-2.45	-3.35	-4.11	-6.46	-6.10	-5.81	-5.57	-5.38	-5.23	-5.12

Table 39: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	3.03	2.34	2.10	2.19	2.52	3.04	3.70	2.38	3.41	4.24	4.90	5.44	5.89	6.26
Manufacturing	3.31	2.84	2.67	2.74	3.00	3.41	3.95	2.39	3.01	3.55	4.02	4.42	4.78	5.10
High-Tech Manufacturing	4.02	3.29	2.90	2.77	2.85	3.08	3.46	1.28	1.89	2.42	2.89	3.30	3.66	3.98
Services	1.33	2.25	3.19	4.16	5.17	6.20	7.27	7.53	7.49	7.51	7.55	7.62	7.71	7.81
Construction	-3.16	-1.75	-0.54	0.53	1.53	2.51	3.48	7.58	7.11	6.82	6.67	6.61	6.62	6.68
Public administration	0.86	1.33	1.87	2.47	3.14	3.87	4.66	5.06	5.27	4.91	4.40	3.87	3.31	2.73
Private consumption - total	2.31	2.55	2.94	3.47	4.11	4.84	5.64	5.00	5.28	5.55	5.80	6.02	6.24	6.44

Table 40: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	3.79	3.05	2.85	3.05	3.52	4.21	5.07	3.32	4.59	5.59	6.40	7.04	7.57	8.01
Manufacturing	4.21	3.68	3.54	3.68	4.05	4.59	5.28	3.18	3.96	4.63	5.19	5.68	6.10	6.48
High-Tech Manufacturing	4.86	4.17	3.86	3.84	4.05	4.44	4.97	2.29	3.01	3.62	4.15	4.62	5.02	5.39
Services	1.70	2.94	4.20	5.49	6.80	8.14	9.49	9.70	9.65	9.65	9.68	9.74	9.82	9.93
Construction	-3.26	-1.48	0.07	1.46	2.76	4.03	5.27	9.75	9.22	8.88	8.69	8.61	8.62	8.67
Public administration	1.17	1.92	2.73	3.61	4.55	5.54	6.59	6.94	7.17	6.75	6.17	5.56	4.93	4.27
Public consumption - total	1.76	2.70	3.70	4.76	5.87	7.03	8.23	8.27	8.37	8.29	8.17	8.05	7.93	7.81

Table 41: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.06	0.59	1.46	2.49	3.65	4.92	6.26	7.91	8.62	9.18	9.64	10.02	10.33	10.60
Manufacturing	0.96	1.80	2.76	3.81	4.94	6.13	7.38	8.03	8.39	8.69	8.94	9.17	9.37	9.56
High-Tech Manufacturing	2.89	3.75	4.68	5.69	6.76	7.88	9.05	7.80	8.05	8.26	8.45	8.63	8.80	8.97
Services	0.89	2.09	3.32	4.57	5.85	7.15	8.48	9.24	9.29	9.34	9.40	9.48	9.56	9.65
Construction	11.40	12.68	13.99	15.35	16.75	18.19	19.66	10.33	10.56	10.79	11.02	11.26	11.50	11.75
Public administration	1.04	1.82	2.66	3.57	4.53	5.55	6.62	7.10	7.33	6.96	6.43	5.87	5.29	4.69
Domestic sales - total	2.17	3.20	4.30	5.45	6.66	7.90	9.19	8.69	8.89	9.05	9.19	9.32	9.45	9.57

Table 42: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-1.00	-0.39	0.52	1.68	3.00	4.45	6.01	8.52	9.62	10.46	11.11	11.61	12.00	12.32
Manufacturing	-1.79	-0.64	0.64	2.00	3.44	4.95	6.52	9.83	10.35	10.77	11.12	11.41	11.65	11.87
High-Tech Manufacturing	-1.80	-0.83	0.18	1.20	2.25	3.33	4.42	7.51	7.61	7.68	7.74	7.80	7.86	7.92
Services	0.15	1.72	3.26	4.77	6.27	7.76	9.26	10.75	10.63	10.54	10.49	10.47	10.48	10.51
Construction	11.94	13.27	14.62	16.01	17.44	18.89	20.39	10.50	10.72	10.94	11.17	11.41	11.65	11.91
Public administration	0.94	1.74	2.61	3.53	4.51	5.54	6.61	7.19	7.41	7.00	6.44	5.85	5.24	4.60
Domestic production - total	0.37	1.68	3.01	4.36	5.74	7.14	8.57	9.78	9.91	10.01	10.10	10.18	10.27	10.35

Table 43: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-2.50	-1.17	0.03	1.13	2.18	3.19	4.16	7.32	7.20	7.10	7.03	6.99	6.97	6.97
Manufacturing	-3.56	-1.98	-0.64	0.52	1.56	2.52	3.41	7.57	7.08	6.69	6.40	6.19	6.05	5.94
High-Tech Manufacturing	-3.14	-2.24	-1.53	-0.96	-0.49	-0.09	0.25	3.90	3.29	2.83	2.49	2.24	2.07	1.94
Services	0.34	0.27	0.31	0.44	0.63	0.88	1.16	1.46	1.75	1.96	2.14	2.28	2.41	2.51
Construction	27.50	24.26	22.15	20.90	20.20	19.88	19.83	-2.85	-0.60	1.12	2.42	3.41	4.16	4.74
Public administration	1.20	1.49	1.85	2.25	2.68	3.12	3.59	3.40	3.46	3.81	4.22	4.65	5.08	5.52
Employment - total	1.55	1.69	1.92	2.22	2.57	2.95	3.37	2.82	3.01	3.17	3.31	3.43	3.54	3.65

Table 44: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-6.07	0.33	5.26	9.18	12.47	15.33	17.91	25.04	22.25	20.00	18.29	17.04	16.15	15.54
Manufacturing	-1.63	3.11	6.99	10.26	13.13	15.73	18.15	21.28	19.64	18.33	17.34	16.62	16.12	15.80
High-Tech Manufacturing	0.34	3.16	5.52	7.55	9.35	11.00	12.56	14.20	12.89	11.94	11.27	10.83	10.57	10.45
Services	19.14	19.59	20.33	21.30	22.39	23.57	24.84	8.02	8.68	9.27	9.80	10.28	10.72	11.14
Construction	58.66	52.13	47.21	44.16	42.58	42.09	42.43	-12.46	-4.91	0.98	5.44	8.78	11.29	13.19
Public administration	3.75	4.43	5.36	6.49	7.77	9.17	10.69	9.97	10.52	11.39	12.35	13.32	14.32	15.34
Total investments - total	14.58	15.78	17.03	18.36	19.75	21.17	22.65	10.29	10.61	10.93	11.24	11.55	11.87	12.18

Table 45: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	3.99	4.63	5.06	5.38	5.66	5.94	6.25	4.18	3.34	2.84	2.57	2.48	2.50	2.61
Manufacturing	4.13	4.27	4.55	4.95	5.44	6.03	6.69	4.38	4.58	4.77	4.97	5.17	5.37	5.57
High-Tech Manufacturing	4.24	4.86	5.60	6.45	7.37	8.37	9.43	6.94	7.25	7.52	7.76	7.99	8.21	8.42
Services	8.37	5.29	3.10	1.57	0.53	-0.15	-0.53	-6.09	-4.54	-3.27	-2.20	-1.31	-0.55	0.09
Construction	30.68	25.95	22.87	20.98	19.89	19.35	19.23	-3.86	-1.45	0.49	2.05	3.30	4.32	5.16
Public administration	8.86	6.70	5.26	4.38	3.89	3.70	3.75	-1.96	-0.82	0.73	2.30	3.77	5.19	6.56
Imports - total	4.75	4.75	4.97	5.36	5.88	6.52	7.25	4.42	4.81	5.16	5.47	5.76	6.03	6.29

Table 46: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-1.59	-1.22	-0.55	0.36	1.47	2.73	4.11	7.13	8.39	9.38	10.17	10.79	11.29	11.70
Manufacturing	-1.99	-1.16	-0.21	0.84	1.99	3.22	4.52	8.08	8.58	9.01	9.37	9.70	9.99	10.25
High-Tech Manufacturing	-1.80	-1.00	-0.15	0.73	1.66	2.61	3.60	6.71	6.83	6.93	7.01	7.09	7.17	7.25
Services	-2.45	-0.40	1.60	3.56	5.50	7.40	9.29	13.85	13.31	12.88	12.56	12.33	12.17	12.08
Construction	-1.71	0.63	2.79	4.81	6.72	8.55	10.33	13.44	12.60	11.99	11.59	11.35	11.23	11.22
Public administration	-2.40	-1.12	0.12	1.34	2.54	3.74	4.94	8.77	8.60	7.47	6.11	4.73	3.31	1.86
Exports - total	-1.95	-0.99	0.04	1.12	2.25	3.42	4.64	8.08	8.26	8.42	8.56	8.69	8.82	8.94

Table 47: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-2.79	-1.03	0.29	1.28	2.05	2.63	3.08	5.46	4.43	3.61	2.97	2.47	2.07	1.76
Manufacturing	-3.08	-1.55	-0.32	0.69	1.52	2.22	2.81	5.45	4.88	4.36	3.93	3.57	3.26	3.00
High-Tech Manufacturing	-3.80	-2.03	-0.57	0.65	1.69	2.58	3.35	6.72	6.14	5.63	5.18	4.81	4.48	4.21
Services	-1.00	-0.93	-0.88	-0.82	-0.77	-0.71	-0.66	-0.06	0.10	0.17	0.20	0.21	0.19	0.17
Construction	4.07	3.51	3.22	3.12	3.13	3.21	3.33	-0.11	0.49	0.87	1.11	1.25	1.31	1.32
Public administration	-0.49	0.06	0.54	0.98	1.37	1.73	2.05	2.51	2.41	2.89	3.52	4.17	4.87	5.60
Consumer price index	-2.05	-1.25	-0.61	-0.09	0.35	0.72	1.03	2.61	2.42	2.22	2.04	1.87	1.72	1.58

Table 48: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-2.67	-0.83	0.52	1.52	2.25	2.79	3.19	5.47	4.30	3.37	2.66	2.11	1.69	1.35
Manufacturing	-2.65	-1.25	-0.15	0.71	1.39	1.94	2.39	4.65	3.99	3.42	2.95	2.58	2.26	2.00
High-Tech Manufacturing	-2.89	-1.54	-0.44	0.44	1.18	1.79	2.32	4.85	4.32	3.86	3.47	3.15	2.88	2.66
Services	-0.84	-0.88	-0.89	-0.89	-0.88	-0.86	-0.83	-0.32	-0.14	-0.06	-0.01	0.01	0.00	-0.01
Construction	3.97	3.42	3.13	3.03	3.04	3.11	3.23	-0.11	0.47	0.84	1.08	1.21	1.27	1.28
Public administration	-0.47	0.06	0.53	0.95	1.33	1.68	2.00	2.44	2.35	2.83	3.45	4.11	4.81	5.54
Price index of total domestic production	-1.17	-0.63	-0.18	0.19	0.51	0.78	1.01	1.97	1.83	1.68	1.55	1.43	1.33	1.23

Czech Republic

Scenario: Lisbon scenario

Table 49: Payments profile – Czech Republic (mil. euro, current prices)

Czech Republic (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	871	2,198	2,931	3,099	3,302	3,115	3,040	4,102	4,102	26,759
Structural funds	583	1,472	1,962	2,075	2,211	2,086	2,035	2,747	2,747	17,917
<i>Productive environment</i>	155	390	520	550	586	553	539	728	728	4,748
Manufacturing	72	182	243	257	273	258	252	340	340	2,216
Services	82	208	277	293	312	295	288	388	388	2,532
<i>Human resources</i>	189	477	636	672	716	676	659	890	890	5,805
<i>Infrastructure</i>	214	540	720	761	811	765	747	1,008	1,008	6,576
<i>Rest (services)</i>	26	65	86	91	97	92	90	121	121	788
Cohesion funds	288	726	968	1,024	1,091	1,029	1,004	1,355	1,355	8,841

Table 50: Payments profile – Czech Republic (mil. euro, 2004 prices)

Czech Republic (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	821	2,031	2,654	2,751	2,874	2,658	2,543	3,365	3,299	22,998
Structural funds	550	1,360	1,777	1,842	1,925	1,780	1,703	2,253	2,209	15,399
<i>Productive environment</i>	146	360	471	488	510	472	451	597	585	4,081
Manufacturing	68	168	220	228	238	220	211	279	273	1,904
Services	78	192	251	260	272	252	241	318	312	2,176
<i>Human resources</i>	178	441	576	597	624	577	552	730	716	4,989
<i>Infrastructure</i>	202	499	652	676	706	653	625	827	811	5,652
<i>Rest (services)</i>	24	60	78	81	85	78	75	99	97	678
Cohesion funds	271	671	877	909	950	878	840	1,112	1,090	7,599

Table 51: Payments profile – Czech Republic (% of total payments)

Czech Republic (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Structural funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Productive environment	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Manufacturing	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Services	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Human resources	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Infrastructure	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Rest (services)	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0

Table 52: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.20	0.78	1.70	2.75	3.84	4.91	5.92	7.02	8.27	9.07	9.19	9.27	9.34	9.41
Private consumption	0.60	1.47	2.03	2.38	2.84	3.22	3.69	4.62	5.30	4.82	5.08	5.33	5.56	5.77
Government consumption	0.45	1.31	2.20	3.04	3.94	4.76	5.58	6.69	7.75	7.88	7.98	7.89	7.76	7.64
Gross fixed investment	3.77	9.19	12.29	13.43	14.73	14.82	15.28	19.03	19.96	10.01	10.29	10.58	10.86	11.14
Exports	-0.50	-0.98	-0.71	0.11	0.96	2.07	3.06	3.48	4.65	7.67	7.85	7.99	8.13	8.26
Imports	1.24	2.92	3.77	4.05	4.49	4.65	4.99	6.32	6.90	4.67	4.99	5.28	5.55	5.80

Table 53: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.41	0.99	1.36	1.58	1.87	2.09	2.35	2.89	3.24	2.83	2.99	3.13	3.25	3.36
Number of unemployed	-3.38	-8.18	-11.19	-13.02	-15.32	-17.03	-19.14	-23.39	-26.07	-22.86	-24.11	-25.19	-26.12	-26.95
Active population	0.09	0.23	0.32	0.37	0.44	0.50	0.57	0.71	0.81	0.70	0.74	0.78	0.81	0.84
Unemployment rate (%)	8.01	7.60	7.35	7.19	7.00	6.85	6.67	6.31	6.09	6.36	6.25	6.16	6.08	6.01
Unemployment rate (% points difference with BAU)	-0.29	-0.70	-0.95	-1.11	-1.30	-1.45	-1.63	-1.99	-2.21	-1.94	-2.05	-2.14	-2.22	-2.29

Table 54: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.60	1.47	2.03	2.38	2.84	3.21	3.68	4.61	5.28	4.76	5.04	5.29	5.52	5.74
Household real consumption	0.60	1.47	2.03	2.38	2.84	3.21	3.68	4.61	5.28	4.77	5.04	5.30	5.53	5.74
Household real savings	0.92	2.03	2.37	2.27	2.35	2.30	2.47	3.34	3.70	2.41	2.76	3.09	3.38	3.64
Propensity to save (%)	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Real average wage	0.46	1.15	1.60	1.88	2.24	2.52	2.88	3.62	4.11	3.53	3.75	3.95	4.12	4.28
Real average return to capital	0.79	1.38	0.84	-0.25	-1.16	-2.17	-2.89	-3.00	-3.70	-5.53	-5.32	-5.14	-4.99	-4.88

Table 55: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.76	1.63	1.82	1.72	1.87	1.97	2.33	3.35	3.86	2.86	3.71	4.40	4.95	5.41
Manufacturing	0.83	1.85	2.19	2.17	2.33	2.38	2.64	3.57	4.02	2.85	3.36	3.80	4.19	4.52
High-Tech Manufacturing	1.01	2.21	2.52	2.34	2.36	2.23	2.34	3.26	3.55	1.89	2.38	2.82	3.20	3.53
Services	0.33	1.02	1.82	2.61	3.43	4.19	4.93	5.86	6.82	7.15	7.13	7.15	7.20	7.27
Construction	-0.89	-1.70	-1.37	-0.42	0.42	1.51	2.35	2.36	3.43	7.11	6.72	6.48	6.37	6.33
Public administration	0.22	0.62	1.06	1.52	2.03	2.55	3.09	3.77	4.49	4.93	5.11	4.69	4.16	3.61
Private consumption - total	0.58	1.43	2.01	2.40	2.89	3.31	3.81	4.74	5.44	5.03	5.27	5.49	5.70	5.90

Table 56: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.97	2.10	2.42	2.36	2.61	2.78	3.25	4.56	5.19	3.81	4.87	5.72	6.40	6.94
Manufacturing	1.07	2.40	2.88	2.90	3.14	3.22	3.56	4.76	5.30	3.68	4.32	4.88	5.35	5.76
High-Tech Manufacturing	1.23	2.75	3.24	3.13	3.26	3.19	3.39	4.58	4.99	2.90	3.49	4.00	4.44	4.83
Services	0.43	1.35	2.41	3.45	4.53	5.52	6.46	7.67	8.87	9.13	9.11	9.13	9.18	9.25
Construction	-0.91	-1.65	-1.11	0.11	1.19	2.54	3.60	3.77	5.09	9.08	8.65	8.39	8.25	8.21
Public administration	0.31	0.91	1.57	2.25	2.98	3.70	4.42	5.34	6.27	6.65	6.86	6.39	5.80	5.18
Public consumption - total	0.45	1.31	2.20	3.04	3.94	4.76	5.58	6.69	7.75	7.88	7.98	7.89	7.76	7.64

Table 57: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.01	0.13	0.58	1.28	2.11	3.07	4.06	5.01	6.19	7.63	8.24	8.73	9.14	9.47
Manufacturing	0.26	0.81	1.53	2.31	3.19	4.06	4.95	5.98	7.09	7.71	8.03	8.29	8.52	8.72
High-Tech Manufacturing	0.78	2.04	3.07	3.87	4.74	5.43	6.18	7.52	8.50	7.53	7.75	7.95	8.12	8.29
Services	0.24	0.86	1.76	2.76	3.79	4.79	5.74	6.80	7.98	8.70	8.76	8.82	8.89	8.97
Construction	3.07	7.56	10.28	11.44	12.73	13.05	13.63	16.88	17.89	10.04	10.26	10.47	10.68	10.90
Public administration	0.27	0.83	1.49	2.19	2.95	3.69	4.44	5.35	6.30	6.79	7.00	6.58	6.04	5.47
Domestic sales - total	0.58	1.63	2.65	3.56	4.53	5.38	6.24	7.53	8.64	8.29	8.47	8.62	8.75	8.87

Table 58: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.25	-0.45	-0.17	0.54	1.44	2.57	3.73	4.71	6.04	8.16	9.11	9.84	10.41	10.86
Manufacturing	-0.46	-0.80	-0.35	0.64	1.70	3.01	4.24	5.01	6.43	9.26	9.73	10.11	10.42	10.69
High-Tech Manufacturing	-0.46	-0.88	-0.58	0.21	1.02	2.04	2.95	3.31	4.37	7.08	7.18	7.26	7.33	7.39
Services	0.05	0.50	1.50	2.72	3.94	5.17	6.27	7.30	8.66	9.99	9.90	9.85	9.83	9.83
Construction	3.22	7.93	10.76	11.96	13.28	13.57	14.14	17.52	18.53	10.22	10.42	10.62	10.83	11.06
Public administration	0.25	0.78	1.44	2.15	2.91	3.67	4.43	5.33	6.29	6.86	7.06	6.61	6.03	5.44
Domestic production - total	0.11	0.59	1.46	2.53	3.62	4.73	5.78	6.83	8.11	9.18	9.32	9.42	9.51	9.59

Table 59: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.64	-1.18	-0.80	0.11	0.95	1.99	2.83	3.04	3.98	6.64	6.58	6.53	6.50	6.49
Manufacturing	-0.92	-1.80	-1.49	-0.48	0.38	1.51	2.35	2.23	3.17	6.72	6.35	6.07	5.86	5.71
High-Tech Manufacturing	-0.81	-1.75	-1.80	-1.25	-0.84	-0.17	0.26	-0.24	0.26	3.49	2.99	2.61	2.33	2.13
Services	0.10	0.19	0.23	0.30	0.43	0.60	0.82	1.05	1.33	1.66	1.88	2.05	2.19	2.30
Construction	7.06	16.17	19.14	17.89	17.42	14.95	13.82	19.06	18.07	-1.33	0.55	1.97	3.04	3.85
Public administration	0.31	0.81	1.21	1.54	1.90	2.21	2.54	3.03	3.45	3.36	3.41	3.76	4.17	4.58
Employment - total	0.41	0.99	1.36	1.58	1.87	2.09	2.35	2.89	3.24	2.83	2.99	3.13	3.25	3.36

Table 60: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-1.58	-2.08	0.55	4.37	7.46	10.63	12.84	13.33	16.09	22.47	20.10	18.23	16.84	15.83
Manufacturing	-0.27	0.52	3.03	6.04	8.64	11.08	12.95	14.28	16.65	19.23	17.89	16.85	16.08	15.53
High-Tech Manufacturing	0.24	1.18	2.92	4.82	6.48	8.00	9.17	10.12	11.72	13.13	12.04	11.25	10.71	10.37
Services	5.06	12.11	15.70	16.52	17.61	17.10	17.18	21.78	22.36	8.23	8.78	9.28	9.73	10.16
Construction	16.48	36.21	41.71	38.31	36.88	31.01	28.52	41.38	39.24	-8.01	-1.52	3.42	7.11	9.87
Public administration	0.90	2.37	3.52	4.39	5.42	6.30	7.30	8.96	10.30	9.90	10.41	11.25	12.17	13.11
Total investments - total	3.93	9.56	12.76	13.92	15.24	15.30	15.74	19.62	20.54	10.13	10.41	10.70	10.98	11.27

Table 61: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	1.02	2.56	3.58	4.08	4.49	4.61	4.71	5.42	5.84	4.40	3.67	3.24	3.01	2.92
Manufacturing	1.08	2.55	3.36	3.69	4.12	4.31	4.64	5.78	6.35	4.58	4.74	4.91	5.07	5.24
High-Tech Manufacturing	1.13	2.81	3.93	4.60	5.37	5.86	6.46	7.97	8.84	6.85	7.11	7.35	7.57	7.77
Services	2.12	4.23	3.96	2.49	1.50	0.22	-0.41	0.70	0.23	-4.25	-3.00	-1.96	-1.09	-0.36
Construction	7.54	17.32	20.18	18.35	17.51	14.65	13.36	18.88	17.86	-1.82	0.21	1.83	3.12	4.16
Public administration	2.22	4.75	5.11	4.25	3.79	2.94	2.63	4.14	4.05	-0.54	0.38	1.78	3.20	4.55
Imports - total	1.24	2.92	3.77	4.05	4.49	4.65	4.99	6.32	6.90	4.67	4.99	5.28	5.55	5.80

Table 62: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.41	-0.90	-0.88	-0.36	0.33	1.34	2.41	3.15	4.37	6.94	8.06	8.94	9.64	10.20
Manufacturing	-0.52	-1.04	-0.84	-0.08	0.75	1.87	2.92	3.42	4.66	7.77	8.22	8.60	8.94	9.23
High-Tech Manufacturing	-0.47	-0.94	-0.75	-0.07	0.63	1.56	2.39	2.67	3.64	6.39	6.51	6.60	6.69	6.77
Services	-0.64	-1.01	-0.15	1.44	2.99	4.79	6.31	7.03	8.85	12.77	12.31	11.96	11.70	11.52
Construction	-0.39	-0.38	0.77	2.51	4.13	5.84	7.23	8.06	9.83	12.57	11.83	11.32	10.99	10.81
Public administration	-0.62	-1.19	-0.83	0.14	1.07	2.26	3.26	3.55	4.73	8.04	7.92	6.74	5.36	3.96
Exports - total	-0.50	-0.98	-0.71	0.11	0.96	2.07	3.06	3.48	4.65	7.67	7.85	7.99	8.13	8.26

Table 63: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.71	-1.22	-0.70	0.27	1.00	1.80	2.27	2.05	2.56	4.53	3.70	3.02	2.49	2.08
Manufacturing	-0.78	-1.45	-1.10	-0.21	0.51	1.36	1.93	1.81	2.39	4.53	4.08	3.67	3.32	3.03
High-Tech Manufacturing	-0.97	-1.83	-1.44	-0.39	0.48	1.53	2.26	2.15	2.90	5.61	5.17	4.76	4.41	4.11
Services	-0.24	-0.57	-0.70	-0.68	-0.66	-0.57	-0.50	-0.60	-0.55	-0.05	0.08	0.13	0.14	0.14
Construction	1.12	2.47	2.84	2.64	2.61	2.32	2.24	3.14	3.03	-0.01	0.50	0.81	1.01	1.11
Public administration	-0.11	-0.13	0.12	0.49	0.83	1.17	1.44	1.60	1.89	2.27	2.18	2.70	3.35	4.02
Consumer price index	-0.51	-1.01	-0.90	-0.45	-0.09	0.37	0.69	0.58	0.89	2.18	2.04	1.87	1.72	1.58

Table 64: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.68	-1.13	-0.55	0.45	1.19	1.97	2.40	2.14	2.63	4.53	3.57	2.81	2.22	1.77
Manufacturing	-0.67	-1.23	-0.89	-0.10	0.52	1.23	1.68	1.51	1.98	3.84	3.32	2.86	2.48	2.17
High-Tech Manufacturing	-0.74	-1.39	-1.11	-0.32	0.31	1.07	1.59	1.44	1.97	4.04	3.63	3.25	2.94	2.68
Services	-0.20	-0.50	-0.66	-0.69	-0.71	-0.66	-0.62	-0.71	-0.69	-0.26	-0.12	-0.06	-0.03	-0.03
Construction	1.09	2.40	2.76	2.57	2.54	2.25	2.18	3.05	2.94	-0.02	0.48	0.79	0.97	1.07
Public administration	-0.11	-0.12	0.12	0.48	0.81	1.14	1.40	1.56	1.84	2.21	2.13	2.65	3.30	3.97
Price index of total domestic production	-0.30	-0.56	-0.44	-0.12	0.15	0.46	0.68	0.66	0.88	1.65	1.54	1.42	1.31	1.21

Czech Republic

Scenario: Co-financing scenario

Table 65: Payments profile – Czech Republic (mil. euro, current prices)

Czech Republic (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	871	2,198	2,931	3,099	3,302	3,115	3,040	4,102	4,102	26,759
Structural funds	583	1,472	1,962	2,075	2,211	2,086	2,035	2,747	2,747	17,917
<i>Productive environment</i>	140	353	471	498	531	501	488	659	659	4,300
Manufacturing	65	165	220	232	248	234	228	308	308	2,007
Services	75	188	251	266	283	267	261	352	352	2,293
<i>Human resources</i>	174	440	587	620	661	624	609	821	821	5,357
<i>Infrastructure</i>	243	614	818	865	922	870	849	1,145	1,145	7,472
<i>Rest (services)</i>	26	65	86	91	97	92	90	121	121	788
Cohesion funds	288	726	968	1,024	1,091	1,029	1,004	1,355	1,355	8,841

Table 66: Payments profile – Czech Republic (mil. euro, 2004 prices)

Czech Republic (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	821	2,031	2,654	2,751	2,874	2,658	2,543	3,365	3,299	22,998
Structural funds	550	1,360	1,777	1,842	1,925	1,780	1,703	2,253	2,209	15,399
<i>Productive environment</i>	132	326	427	442	462	427	409	541	530	3,696
Manufacturing	62	152	199	206	216	199	191	252	247	1,725
Services	70	174	228	236	246	228	218	288	283	1,971
<i>Human resources</i>	164	407	531	551	575	532	509	674	661	4,604
<i>Infrastructure</i>	229	567	741	768	803	742	710	940	921	6,421
<i>Rest (services)</i>	24	60	78	81	85	78	75	99	97	678
Cohesion funds	271	671	877	909	950	878	840	1,112	1,090	7,599

Table 67: Payments profile – Czech Republic (% of total payments)

Czech Republic (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Structural funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Productive environment	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Manufacturing	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Services	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Human resources	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Infrastructure	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Rest (services)	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0

Table 68: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.16	0.79	1.93	3.30	4.71	6.14	7.47	8.84	10.49	11.81	11.96	12.10	12.19	12.27
Private consumption	0.03	0.14	0.42	0.89	1.50	2.26	3.07	3.79	4.84	6.62	6.96	7.26	7.56	7.83
Government consumption	0.47	1.44	2.53	3.62	4.79	5.89	6.97	8.36	9.76	10.21	10.34	10.48	10.40	10.27
Gross fixed investment	4.71	11.48	15.38	16.84	18.49	18.61	19.18	23.93	25.09	12.36	12.70	13.03	13.36	13.69
Exports	-0.51	-0.92	-0.45	0.63	1.77	3.18	4.45	5.12	6.64	10.05	10.24	10.41	10.57	10.71
Imports	1.24	2.93	3.85	4.25	4.83	5.17	5.70	7.21	8.04	6.09	6.49	6.85	7.19	7.49

Table 69: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.39	0.97	1.38	1.67	2.03	2.34	2.70	3.30	3.75	3.60	3.79	3.96	4.10	4.23
Number of unemployed	-4.31	-10.49	-14.37	-16.69	-19.57	-21.65	-24.22	-29.48	-32.66	-28.36	-29.84	-31.08	-32.16	-33.12
Active population	0.00	0.02	0.07	0.14	0.24	0.35	0.47	0.58	0.73	0.94	1.00	1.05	1.09	1.13
Unemployment rate (%)	7.94	7.43	7.10	6.90	6.66	6.48	6.26	5.82	5.55	5.89	5.77	5.66	5.57	5.49
Unemployment rate (% points difference with BAU)	-0.36	-0.87	-1.20	-1.40	-1.64	-1.82	-2.04	-2.48	-2.75	-2.41	-2.53	-2.64	-2.73	-2.81

Table 70: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.59	1.48	2.11	2.58	3.20	3.75	4.42	5.54	6.47	6.27	6.63	6.95	7.24	7.52
Household real consumption	0.03	0.13	0.42	0.89	1.49	2.24	3.04	3.76	4.79	6.53	6.89	7.21	7.51	7.79
Household real savings	0.08	0.03	-0.14	-0.19	-0.03	0.34	0.86	1.31	2.05	3.84	4.34	4.76	5.16	5.51
Propensity to save (%)	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Real average wage	0.58	1.45	2.05	2.42	2.90	3.27	3.73	4.72	5.37	4.56	4.85	5.10	5.32	5.52
Real average return to capital	0.69	1.07	0.29	-1.00	-2.07	-3.17	-3.94	-4.16	-4.91	-6.40	-6.09	-5.83	-5.62	-5.45

Table 71: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.22	0.31	0.13	0.03	0.24	0.66	1.31	2.13	2.96	4.05	5.16	6.05	6.78	7.38
Manufacturing	0.24	0.44	0.42	0.43	0.67	1.05	1.60	2.27	3.03	4.11	4.76	5.31	5.80	6.24
High-Tech Manufacturing	0.40	0.73	0.64	0.46	0.52	0.68	1.06	1.69	2.27	2.86	3.49	4.04	4.52	4.96
Services	-0.23	-0.22	0.41	1.43	2.48	3.70	4.82	5.58	6.97	9.60	9.58	9.60	9.67	9.76
Construction	-1.85	-3.79	-3.77	-2.56	-1.49	0.16	1.43	1.02	2.55	9.61	9.13	8.82	8.66	8.61
Public administration	-0.43	-0.87	-0.72	-0.12	0.55	1.48	2.36	2.76	3.85	6.77	7.03	7.26	6.83	6.22
Private consumption - total	0.00	0.10	0.42	0.94	1.59	2.39	3.23	3.95	5.03	6.88	7.20	7.47	7.74	8.00

Table 72: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	1.04	2.25	2.57	2.52	2.85	3.13	3.78	5.38	6.24	4.94	6.31	7.39	8.27	8.97
Manufacturing	1.09	2.44	2.94	2.99	3.33	3.54	4.05	5.45	6.21	4.85	5.67	6.35	6.95	7.46
High-Tech Manufacturing	1.23	2.73	3.20	3.11	3.30	3.33	3.68	5.02	5.62	3.83	4.57	5.20	5.76	6.24
Services	0.49	1.59	2.92	4.27	5.66	6.96	8.20	9.74	11.31	11.79	11.77	11.78	11.84	11.92
Construction	-1.30	-2.40	-1.79	-0.23	1.18	2.96	4.37	4.55	6.29	11.81	11.27	10.91	10.72	10.65
Public administration	0.26	0.86	1.65	2.53	3.48	4.45	5.42	6.53	7.76	8.65	8.93	9.18	8.68	7.99
Public consumption - total	0.47	1.44	2.53	3.62	4.79	5.89	6.97	8.36	9.76	10.21	10.34	10.48	10.40	10.27

Table 73: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.14	-0.13	0.40	1.33	2.43	3.75	5.07	6.23	7.80	10.09	10.87	11.49	12.00	12.41
Manufacturing	0.16	0.66	1.50	2.54	3.69	4.90	6.10	7.34	8.82	10.15	10.54	10.86	11.14	11.39
High-Tech Manufacturing	0.91	2.42	3.71	4.76	5.91	6.84	7.83	9.52	10.82	9.76	10.01	10.24	10.45	10.64
Services	0.11	0.65	1.70	3.00	4.33	5.71	6.99	8.24	9.83	11.39	11.46	11.54	11.62	11.72
Construction	3.82	9.42	12.83	14.32	15.96	16.37	17.11	21.22	22.50	12.52	12.78	13.03	13.29	13.54
Public administration	0.22	0.78	1.57	2.47	3.45	4.46	5.46	6.56	7.82	8.85	9.12	9.37	8.92	8.29
Domestic sales - total	0.59	1.72	2.95	4.14	5.41	6.57	7.72	9.29	10.77	10.79	11.01	11.22	11.38	11.53

Table 74: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.33	-0.60	-0.22	0.72	1.89	3.37	4.90	6.17	7.91	10.74	11.96	12.91	13.64	14.21
Manufacturing	-0.50	-0.82	-0.16	1.15	2.56	4.26	5.85	6.91	8.78	12.22	12.79	13.25	13.63	13.96
High-Tech Manufacturing	-0.46	-0.79	-0.28	0.78	1.86	3.17	4.33	4.93	6.30	9.31	9.40	9.47	9.52	9.57
Services	-0.07	0.35	1.55	3.12	4.70	6.34	7.81	9.06	10.86	13.03	12.92	12.85	12.82	12.82
Construction	4.02	9.89	13.45	14.99	16.67	17.05	17.78	22.04	23.32	12.71	12.94	13.19	13.44	13.70
Public administration	0.20	0.72	1.51	2.43	3.43	4.46	5.47	6.56	7.83	8.93	9.19	9.44	8.95	8.28
Domestic production - total	0.12	0.69	1.82	3.20	4.63	6.10	7.46	8.81	10.49	11.97	12.13	12.27	12.38	12.48

Table 75: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.84	-1.57	-1.10	0.07	1.15	2.50	3.60	3.82	5.03	8.63	8.52	8.45	8.39	8.35
Manufacturing	-1.01	-1.93	-1.46	-0.18	0.92	2.31	3.35	3.30	4.46	8.54	8.08	7.73	7.47	7.27
High-Tech Manufacturing	-0.80	-1.69	-1.62	-0.94	-0.42	0.35	0.84	0.37	0.95	4.19	3.58	3.14	2.80	2.56
Services	-0.16	-0.44	-0.54	-0.44	-0.26	0.07	0.41	0.51	0.92	2.25	2.52	2.74	2.91	3.06
Construction	8.84	20.31	24.03	22.39	21.69	18.47	16.94	23.45	22.08	-2.28	0.04	1.83	3.18	4.20
Public administration	0.25	0.69	1.13	1.55	2.01	2.46	2.90	3.43	3.98	4.29	4.34	4.39	4.78	5.25
Employment - total	0.39	0.97	1.38	1.67	2.03	2.34	2.70	3.30	3.75	3.60	3.79	3.96	4.10	4.23

Table 76: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-2.11	-2.83	0.47	5.30	9.20	13.25	16.07	16.63	20.15	28.51	25.55	23.18	21.34	19.98
Manufacturing	-0.17	1.08	4.30	8.01	11.23	14.21	16.50	18.34	21.26	23.80	22.17	20.90	19.93	19.23
High-Tech Manufacturing	0.54	2.08	4.36	6.65	8.68	10.43	11.79	13.23	15.12	15.68	14.38	13.44	12.79	12.38
Services	6.29	15.08	19.59	20.65	22.06	21.46	21.58	27.37	28.11	10.24	10.90	11.51	12.05	12.55
Construction	20.54	44.53	51.32	47.52	45.83	38.49	35.21	51.16	48.41	-11.44	-3.51	2.72	7.42	10.94
Public administration	0.90	2.47	3.77	4.80	6.02	7.14	8.39	10.33	12.00	11.98	12.63	13.25	14.23	15.31
Total investments - total	4.91	11.96	15.99	17.47	19.14	19.22	19.76	24.67	25.82	12.48	12.81	13.15	13.48	13.82

Table 77: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.69	1.85	2.86	3.57	4.17	4.58	4.88	5.45	6.15	6.05	5.06	4.43	4.08	3.94
Manufacturing	0.94	2.26	3.06	3.51	4.08	4.49	5.02	6.23	7.06	5.98	6.19	6.40	6.62	6.83
High-Tech Manufacturing	1.29	3.23	4.60	5.48	6.49	7.18	8.00	9.86	11.01	8.81	9.13	9.42	9.69	9.93
Services	1.88	3.50	2.76	0.98	-0.21	-1.51	-2.10	-1.13	-1.54	-5.07	-3.51	-2.21	-1.12	-0.20
Construction	9.15	21.09	24.49	22.11	20.96	17.36	15.73	22.46	21.16	-2.66	-0.17	1.85	3.47	4.77
Public administration	2.26	4.77	4.97	3.93	3.38	2.50	2.25	3.88	3.88	-0.57	0.58	1.54	3.06	4.65
Imports - total	1.24	2.93	3.85	4.25	4.83	5.17	5.70	7.21	8.04	6.09	6.49	6.85	7.19	7.49

Table 78: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.40	-0.86	-0.74	-0.06	0.85	2.12	3.48	4.55	6.11	9.02	10.48	11.64	12.55	13.27
Manufacturing	-0.52	-0.99	-0.61	0.40	1.51	2.94	4.29	5.07	6.68	10.21	10.76	11.23	11.64	12.00
High-Tech Manufacturing	-0.47	-0.89	-0.52	0.39	1.33	2.52	3.59	4.06	5.33	8.40	8.51	8.61	8.69	8.77
Services	-0.65	-0.89	0.31	2.37	4.38	6.66	8.60	9.67	12.01	16.52	15.93	15.48	15.14	14.90
Construction	-0.39	-0.24	1.29	3.50	5.57	7.75	9.51	10.65	12.90	15.99	15.04	14.37	13.92	13.66
Public administration	-0.68	-1.24	-0.71	0.54	1.74	3.24	4.52	4.97	6.48	10.41	10.27	10.20	8.90	7.31
Exports - total	-0.51	-0.92	-0.45	0.63	1.77	3.18	4.45	5.12	6.64	10.05	10.24	10.41	10.57	10.71

Table 79: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.81	-1.36	-0.66	0.59	1.53	2.53	3.12	2.86	3.51	5.86	4.78	3.95	3.28	2.74
Manufacturing	-0.84	-1.50	-0.98	0.15	1.06	2.09	2.79	2.70	3.42	5.80	5.22	4.75	4.32	3.95
High-Tech Manufacturing	-1.01	-1.82	-1.21	0.12	1.23	2.50	3.39	3.36	4.27	7.20	6.63	6.16	5.72	5.34
Services	-0.33	-0.78	-0.96	-0.93	-0.90	-0.77	-0.67	-0.81	-0.74	0.02	0.17	0.28	0.32	0.31
Construction	1.49	3.27	3.79	3.54	3.49	3.09	2.97	4.11	3.95	0.01	0.63	1.07	1.33	1.47
Public administration	-0.10	-0.07	0.27	0.75	1.19	1.62	1.95	2.17	2.53	2.91	2.79	2.67	3.23	3.97
Consumer price index	-0.58	-1.14	-0.97	-0.40	0.06	0.63	1.03	0.91	1.30	2.82	2.64	2.48	2.29	2.12

Table 80: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.79	-1.27	-0.50	0.79	1.73	2.71	3.25	2.95	3.56	5.85	4.61	3.68	2.93	2.34
Manufacturing	-0.72	-1.27	-0.78	0.22	0.99	1.86	2.40	2.24	2.82	4.86	4.20	3.68	3.22	2.83
High-Tech Manufacturing	-0.76	-1.39	-0.95	0.04	0.83	1.75	2.37	2.26	2.90	5.11	4.59	4.18	3.80	3.48
Services	-0.28	-0.71	-0.92	-0.95	-0.97	-0.88	-0.81	-0.96	-0.91	-0.25	-0.08	0.04	0.09	0.10
Construction	1.45	3.19	3.68	3.44	3.39	3.00	2.89	3.99	3.84	0.00	0.61	1.04	1.29	1.42
Public administration	-0.10	-0.06	0.27	0.73	1.16	1.57	1.90	2.11	2.47	2.83	2.72	2.61	3.17	3.90
Price index of total domestic production	-0.32	-0.58	-0.40	0.00	0.34	0.73	1.00	0.99	1.26	2.13	1.98	1.86	1.73	1.60