

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

### Spain – TFP elasticity = 0.11

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## Spain

### Scenario: Past profile of 6 countries 2000-2006

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

Spain (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
<b>Structural and cohesion funds</b>	<b>1,149</b>	<b>2,900</b>	<b>3,867</b>	<b>4,088</b>	<b>4,356</b>	<b>4,109</b>	<b>4,010</b>	<b>5,412</b>	<b>5,412</b>	<b>35,305</b>
<b>Structural funds</b>	<b>1,034</b>	<b>2,608</b>	<b>3,478</b>	<b>3,677</b>	<b>3,918</b>	<b>3,696</b>	<b>3,607</b>	<b>4,868</b>	<b>4,868</b>	<b>31,753</b>
<i>Productive environment</i>	193	488	650	688	733	691	674	910	910	5,938
Manufacturing	110	278	371	392	418	394	385	519	519	3,388
Services	83	209	279	295	315	297	290	391	391	2,550
<i>Human resources</i>	313	790	1,054	1,114	1,187	1,120	1,093	1,475	1,475	9,621
<i>Infrastructure</i>	519	1,309	1,746	1,846	1,967	1,855	1,811	2,444	2,444	15,940
<i>Rest (services)</i>	8	21	28	29	31	30	29	39	39	254
<b>Cohesion funds</b>	<b>116</b>	<b>292</b>	<b>389</b>	<b>411</b>	<b>438</b>	<b>413</b>	<b>403</b>	<b>545</b>	<b>545</b>	<b>3,552</b>

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

Spain (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
<b>Structural and cohesion funds</b>	<b>1,083</b>	<b>2,679</b>	<b>3,502</b>	<b>3,630</b>	<b>3,793</b>	<b>3,507</b>	<b>3,356</b>	<b>4,440</b>	<b>4,353</b>	<b>30,343</b>
<b>Structural funds</b>	<b>974</b>	<b>2,410</b>	<b>3,150</b>	<b>3,265</b>	<b>3,411</b>	<b>3,154</b>	<b>3,018</b>	<b>3,993</b>	<b>3,915</b>	<b>27,290</b>
<i>Productive environment</i>	182	451	589	611	638	590	564	747	732	5,103
Manufacturing	104	257	336	348	364	337	322	426	418	2,912
Services	78	194	253	262	274	253	242	321	314	2,191
<i>Human resources</i>	295	730	954	989	1,034	956	914	1,210	1,186	8,269
<i>Infrastructure</i>	489	1,210	1,581	1,639	1,712	1,584	1,515	2,005	1,965	13,700
<i>Rest (services)</i>	8	19	25	26	27	25	24	32	31	218
<b>Cohesion funds</b>	<b>109</b>	<b>270</b>	<b>352</b>	<b>365</b>	<b>382</b>	<b>353</b>	<b>338</b>	<b>447</b>	<b>438</b>	<b>3,053</b>

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

Spain (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
<b>Structural and cohesion funds</b>	<b>3.6</b>	<b>8.8</b>	<b>11.5</b>	<b>12.0</b>	<b>12.5</b>	<b>11.6</b>	<b>11.1</b>	<b>14.6</b>	<b>14.3</b>	<b>100.0</b>
<b>Structural funds</b>	<b>3.6</b>	<b>8.8</b>	<b>11.5</b>	<b>12.0</b>	<b>12.5</b>	<b>11.6</b>	<b>11.1</b>	<b>14.6</b>	<b>14.3</b>	<b>100.0</b>
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
<b>Cohesion funds</b>	<b>3.6</b>	<b>8.8</b>	<b>11.5</b>	<b>12.0</b>	<b>12.5</b>	<b>11.6</b>	<b>11.1</b>	<b>14.6</b>	<b>14.3</b>	<b>100.0</b>

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	0.05	0.15	0.27	0.40	0.53	0.65	0.78	0.93	1.09	1.13	1.16	1.18	1.20	1.23
Private consumption	0.08	0.22	0.32	0.39	0.48	0.54	0.62	0.76	0.86	0.78	0.80	0.82	0.85	0.87
Government consumption	0.07	0.20	0.33	0.44	0.56	0.66	0.77	0.93	1.08	1.05	1.08	1.10	1.12	1.15
Gross fixed investment	0.65	1.61	2.15	2.33	2.53	2.52	2.57	3.25	3.38	1.50	1.55	1.59	1.64	1.68
Exports	-0.16	-0.38	-0.43	-0.35	-0.26	-0.09	0.05	0.01	0.18	1.00	1.03	1.05	1.08	1.10
Imports	0.41	0.97	1.22	1.25	1.31	1.25	1.24	1.58	1.62	0.62	0.66	0.69	0.73	0.77

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	0.07	0.17	0.25	0.30	0.36	0.40	0.45	0.56	0.63	0.54	0.56	0.57	0.59	0.61
Number of unemployed	-0.43	-1.09	-1.59	-1.93	-2.32	-2.60	-2.93	-3.58	-4.03	-3.47	-3.58	-3.69	-3.80	-3.90
Active population	0.01	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.11	0.09	0.10	0.10	0.10	0.11
Unemployment rate (%)	11.05	10.98	10.92	10.88	10.84	10.80	10.77	10.69	10.64	10.70	10.69	10.68	10.67	10.66
Unemployment rate (% points difference with BAU)	-0.05	-0.12	-0.18	-0.22	-0.26	-0.30	-0.33	-0.41	-0.46	-0.40	-0.41	-0.42	-0.43	-0.44

*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	0.09	0.22	0.33	0.40	0.48	0.55	0.63	0.77	0.87	0.79	0.81	0.83	0.85	0.87
Household real consumption	0.08	0.22	0.32	0.39	0.48	0.54	0.62	0.76	0.86	0.78	0.80	0.82	0.84	0.87
Household real savings	0.13	0.32	0.45	0.53	0.62	0.68	0.76	0.93	1.05	0.89	0.91	0.92	0.94	0.96
Propensity to save (%)	6.12	6.12	6.12	6.12	6.13	6.12	6.13	6.13	6.13	6.12	6.12	6.12	6.12	6.12
Propensity to save (% points difference with BAU)	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Real average wage	0.06	0.15	0.21	0.26	0.31	0.35	0.40	0.49	0.55	0.47	0.49	0.50	0.52	0.53
Real average return to capital	0.11	0.25	0.31	0.31	0.33	0.32	0.33	0.41	0.43	0.26	0.25	0.23	0.22	0.21

*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	0.15	0.35	0.45	0.46	0.50	0.50	0.54	0.70	0.76	0.45	0.52	0.58	0.64	0.69
Manufacturing	0.12	0.29	0.40	0.46	0.53	0.57	0.63	0.78	0.87	0.70	0.72	0.75	0.77	0.80
High-Tech Manufacturing	0.17	0.41	0.53	0.57	0.62	0.63	0.67	0.84	0.91	0.59	0.62	0.65	0.67	0.70
Services	0.04	0.12	0.22	0.31	0.42	0.51	0.61	0.73	0.86	0.90	0.92	0.93	0.95	0.96
Construction	-0.03	-0.06	-0.02	0.06	0.15	0.26	0.36	0.41	0.54	0.82	0.84	0.85	0.86	0.88
Public administration	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
Private consumption - total	0.08	0.20	0.30	0.38	0.47	0.54	0.62	0.75	0.86	0.79	0.82	0.84	0.86	0.88

*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	0.00	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
Manufacturing	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
High-Tech Manufacturing	0.23	0.54	0.70	0.75	0.82	0.84	0.88	1.10	1.19	0.74	0.78	0.82	0.85	0.89
Services	0.06	0.19	0.32	0.44	0.57	0.69	0.81	0.97	1.13	1.13	1.15	1.17	1.19	1.22
Construction	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
Public administration	0.06	0.17	0.28	0.38	0.49	0.60	0.70	0.85	0.99	1.00	1.03	1.05	1.07	1.09
Public consumption - total	0.07	0.20	0.33	0.44	0.56	0.66	0.77	0.93	1.08	1.05	1.08	1.10	1.12	1.15

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	0.02	0.07	0.14	0.23	0.33	0.43	0.54	0.66	0.79	0.91	0.95	0.99	1.03	1.07
Manufacturing	0.06	0.18	0.30	0.41	0.54	0.65	0.76	0.92	1.07	1.07	1.10	1.13	1.15	1.18
High-Tech Manufacturing	0.16	0.42	0.61	0.73	0.86	0.95	1.05	1.30	1.44	1.15	1.18	1.21	1.24	1.26
Services	0.05	0.16	0.28	0.39	0.51	0.63	0.74	0.90	1.05	1.07	1.09	1.12	1.14	1.16
Construction	0.52	1.30	1.75	1.91	2.10	2.12	2.19	2.75	2.89	1.42	1.46	1.50	1.54	1.58
Public administration	0.06	0.17	0.28	0.38	0.49	0.60	0.70	0.85	0.99	1.00	1.03	1.05	1.07	1.09
Domestic sales - total	0.12	0.31	0.47	0.59	0.72	0.82	0.92	1.13	1.28	1.11	1.14	1.16	1.19	1.21

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	-0.03	-0.06	-0.04	0.02	0.09	0.19	0.29	0.36	0.49	0.71	0.79	0.87	0.94	1.01
Manufacturing	-0.10	-0.18	-0.13	0.01	0.15	0.33	0.50	0.57	0.76	1.25	1.27	1.29	1.32	1.34
High-Tech Manufacturing	-0.16	-0.34	-0.35	-0.21	-0.08	0.13	0.31	0.31	0.52	1.30	1.31	1.33	1.34	1.36
Services	0.01	0.06	0.16	0.28	0.41	0.55	0.68	0.80	0.97	1.12	1.14	1.16	1.18	1.20
Construction	0.54	1.33	1.79	1.95	2.14	2.16	2.22	2.80	2.93	1.43	1.47	1.51	1.55	1.59
Public administration	0.06	0.17	0.28	0.38	0.49	0.60	0.70	0.85	0.99	1.00	1.03	1.05	1.07	1.09
Domestic production - total	0.02	0.09	0.20	0.33	0.47	0.61	0.74	0.88	1.05	1.18	1.21	1.23	1.25	1.28

Table 11: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.16	-0.34	-0.36	-0.26	-0.18	-0.04	0.07	0.03	0.15	0.71	0.71	0.71	0.71	0.71
Manufacturing	-0.13	-0.29	-0.31	-0.23	-0.15	-0.03	0.07	0.05	0.16	0.67	0.68	0.69	0.70	0.72
High-Tech Manufacturing	-0.20	-0.46	-0.54	-0.49	-0.43	-0.29	-0.19	-0.30	-0.18	0.64	0.64	0.65	0.66	0.67
Services	0.02	0.06	0.09	0.13	0.17	0.21	0.26	0.31	0.38	0.44	0.45	0.47	0.48	0.50
Construction	0.77	1.86	2.41	2.50	2.62	2.48	2.43	3.10	3.12	0.79	0.83	0.88	0.92	0.97
Public administration	0.07	0.18	0.25	0.30	0.35	0.39	0.44	0.54	0.61	0.52	0.53	0.55	0.56	0.58
Employment - total	0.07	0.17	0.25	0.30	0.36	0.40	0.45	0.56	0.63	0.54	0.56	0.57	0.59	0.61

*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	-0.25	-0.46	-0.34	0.00	0.33	0.73	1.05	1.11	1.49	2.60	2.50	2.42	2.35	2.29
Manufacturing	0.37	0.94	1.32	1.52	1.74	1.84	1.97	2.44	2.64	1.68	1.72	1.76	1.80	1.84
High-Tech Manufacturing	0.46	1.16	1.59	1.78	1.99	2.04	2.15	2.68	2.85	1.63	1.67	1.71	1.76	1.80
Services	0.77	1.88	2.48	2.64	2.83	2.76	2.78	3.53	3.64	1.37	1.42	1.48	1.53	1.58
Construction	1.07	2.61	3.41	3.60	3.84	3.72	3.73	4.75	4.87	1.74	1.83	1.92	2.01	2.09
Public administration	0.19	0.48	0.71	0.86	1.04	1.17	1.32	1.61	1.81	1.56	1.60	1.65	1.70	1.74
Total investments - total	0.66	1.63	2.18	2.35	2.56	2.54	2.60	3.28	3.41	1.51	1.56	1.60	1.64	1.69

*Table 13: Imports (% change compared to BAU)*

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.20	0.51	0.75	0.92	1.08	1.19	1.30	1.50	1.65	1.44	1.31	1.21	1.12	1.04
Manufacturing	0.43	1.00	1.25	1.25	1.28	1.19	1.16	1.49	1.50	0.45	0.49	0.53	0.57	0.60
High-Tech Manufacturing	0.38	0.91	1.18	1.25	1.34	1.33	1.36	1.71	1.79	0.85	0.89	0.93	0.97	1.01
Services	0.52	1.18	1.41	1.35	1.32	1.15	1.07	1.41	1.36	0.09	0.16	0.22	0.27	0.33
Construction	1.10	2.61	3.30	3.33	3.42	3.15	3.02	3.90	3.86	0.69	0.77	0.85	0.92	0.99
Public administration	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
Imports - total	0.41	0.97	1.22	1.25	1.31	1.25	1.24	1.58	1.62	0.62	0.66	0.69	0.73	0.77

*Table 14: Exports (% change compared to BAU)*

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.10	-0.25	-0.32	-0.32	-0.32	-0.26	-0.20	-0.24	-0.17	0.25	0.36	0.47	0.57	0.66
Manufacturing	-0.17	-0.39	-0.46	-0.38	-0.30	-0.14	0.01	-0.05	0.11	0.96	0.99	1.02	1.05	1.08
High-Tech Manufacturing	-0.17	-0.39	-0.46	-0.38	-0.31	-0.14	0.00	-0.07	0.09	0.98	1.00	1.02	1.04	1.06
Services	-0.16	-0.36	-0.39	-0.27	-0.15	0.04	0.20	0.19	0.38	1.16	1.17	1.19	1.21	1.22
Construction	-0.03	-0.02	0.06	0.20	0.34	0.51	0.66	0.80	0.99	1.20	1.23	1.25	1.28	1.31
Public administration	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
Exports - total	-0.16	-0.38	-0.43	-0.35	-0.26	-0.09	0.05	0.01	0.18	1.00	1.03	1.05	1.08	1.10

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

<b>Consumer prices</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Agriculture	-0.14	-0.29	-0.29	-0.21	-0.14	-0.03	0.05	0.00	0.08	0.50	0.44	0.39	0.35	0.31
Manufacturing	-0.10	-0.22	-0.24	-0.20	-0.16	-0.10	-0.05	-0.09	-0.05	0.23	0.21	0.20	0.20	0.19
High-Tech Manufacturing	-0.16	-0.35	-0.38	-0.32	-0.26	-0.17	-0.10	-0.15	-0.09	0.34	0.33	0.32	0.31	0.30
Services	-0.02	-0.04	-0.04	-0.04	-0.04	-0.03	-0.03	-0.04	-0.03	0.00	0.01	0.01	0.01	0.01
Construction	0.06	0.16	0.21	0.23	0.25	0.25	0.25	0.31	0.32	0.09	0.09	0.10	0.10	0.10
Public administration	-0.01	-0.02	0.00	0.02	0.04	0.06	0.07	0.08	0.10	0.13	0.13	0.13	0.13	0.13
<b>Consumer price index</b>	<b>-0.06</b>	<b>-0.13</b>	<b>-0.14</b>	<b>-0.12</b>	<b>-0.10</b>	<b>-0.06</b>	<b>-0.04</b>	<b>-0.06</b>	<b>-0.03</b>	<b>0.12</b>	<b>0.12</b>	<b>0.11</b>	<b>0.11</b>	<b>0.10</b>

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

<b>Price index of domestic production</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Agriculture	-0.16	-0.33	-0.33	-0.23	-0.14	0.00	0.09	0.03	0.12	0.62	0.54	0.47	0.41	0.35
Manufacturing	-0.08	-0.18	-0.19	-0.16	-0.13	-0.08	-0.05	-0.08	-0.05	0.17	0.16	0.15	0.14	0.13
High-Tech Manufacturing	-0.10	-0.21	-0.24	-0.21	-0.18	-0.13	-0.09	-0.13	-0.10	0.17	0.16	0.15	0.15	0.14
Services	-0.01	-0.03	-0.05	-0.05	-0.05	-0.05	-0.05	-0.06	-0.06	-0.02	-0.01	-0.01	-0.01	-0.01
Construction	0.06	0.16	0.21	0.23	0.25	0.24	0.24	0.31	0.31	0.09	0.09	0.09	0.10	0.10
Public administration	-0.01	-0.02	-0.01	0.01	0.03	0.04	0.06	0.07	0.08	0.11	0.11	0.12	0.12	0.12
<b>Price index of total domestic production</b>	<b>-0.03</b>	<b>-0.08</b>	<b>-0.08</b>	<b>-0.07</b>	<b>-0.05</b>	<b>-0.03</b>	<b>-0.01</b>	<b>-0.03</b>	<b>-0.01</b>	<b>0.08</b>	<b>0.08</b>	<b>0.08</b>	<b>0.07</b>	<b>0.07</b>



## Spain

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

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

Spain (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
<b>Structural and cohesion funds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,311</b>	<b>5,769</b>	<b>5,203</b>	<b>9,182</b>	<b>4,433</b>	<b>4,407</b>	<b>35,305</b>
<b>Structural funds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,038</b>	<b>4,849</b>	<b>4,651</b>	<b>8,671</b>	<b>4,257</b>	<b>4,287</b>	<b>31,753</b>
<i>Productive environment</i>	0	0	0	942	907	870	1,621	796	802	5,938
Manufacturing	0	0	0	538	517	496	925	454	457	3,388
Services	0	0	0	405	389	373	696	342	344	2,550
<i>Human resources</i>	0	0	0	1,526	1,469	1,409	2,627	1,290	1,299	9,621
<i>Infrastructure</i>	0	0	0	2,529	2,434	2,335	4,353	2,137	2,152	15,940
<i>Rest (services)</i>	0	0	0	40	39	37	69	34	34	254
<b>Cohesion funds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,273</b>	<b>920</b>	<b>552</b>	<b>511</b>	<b>176</b>	<b>120</b>	<b>3,552</b>

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

Spain (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
<b>Structural and cohesion funds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,604</b>	<b>5,022</b>	<b>4,441</b>	<b>7,683</b>	<b>3,637</b>	<b>3,544</b>	<b>29,931</b>
<b>Structural funds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,473</b>	<b>4,221</b>	<b>3,970</b>	<b>7,255</b>	<b>3,492</b>	<b>3,448</b>	<b>26,860</b>
<i>Productive environment</i>	0	0	0	836	789	742	1,357	653	645	5,023
Manufacturing	0	0	0	477	450	424	774	373	368	2,866
Services	0	0	0	359	339	319	583	280	277	2,157
<i>Human resources</i>	0	0	0	1,355	1,279	1,203	2,198	1,058	1,045	8,139
<i>Infrastructure</i>	0	0	0	2,246	2,119	1,993	3,642	1,753	1,731	13,484
<i>Rest (services)</i>	0	0	0	36	34	32	58	28	28	215
<b>Cohesion funds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,131</b>	<b>801</b>	<b>471</b>	<b>428</b>	<b>144</b>	<b>96</b>	<b>3,071</b>

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

Spain (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
<b>Structural and cohesion funds</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>18.7</b>	<b>16.8</b>	<b>14.8</b>	<b>25.7</b>	<b>12.1</b>	<b>11.8</b>	<b>100.0</b>
<b>Structural funds</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16.7</b>	<b>15.7</b>	<b>14.8</b>	<b>27.0</b>	<b>13.0</b>	<b>12.8</b>	<b>100.0</b>
Productive environment	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Manufacturing	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Services	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Human resources	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Infrastructure	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Rest (services)	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
<b>Cohesion funds</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>36.8</b>	<b>26.1</b>	<b>15.3</b>	<b>13.9</b>	<b>4.7</b>	<b>3.1</b>	<b>100.0</b>

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	0.21	0.38	0.53	0.78	0.91	1.04	1.08	1.10	1.12	1.14	1.17
Private consumption	0.00	0.00	0.00	0.35	0.42	0.49	0.76	0.72	0.80	0.74	0.76	0.78	0.80	0.82
Government consumption	0.00	0.00	0.00	0.31	0.44	0.57	0.85	0.90	1.02	1.00	1.02	1.04	1.07	1.09
Gross fixed investment	0.00	0.00	0.00	3.08	2.94	2.80	4.58	2.84	2.95	1.43	1.47	1.51	1.56	1.60
Exports	0.00	0.00	0.00	-0.87	-0.61	-0.37	-0.72	0.13	0.28	0.95	0.98	1.00	1.02	1.05
Imports	0.00	0.00	0.00	1.80	1.61	1.46	2.39	1.37	1.40	0.59	0.62	0.66	0.69	0.73

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	0.28	0.33	0.37	0.58	0.52	0.58	0.51	0.53	0.54	0.56	0.58
Number of unemployed	0.00	0.00	0.00	-1.83	-2.13	-2.41	-3.73	-3.36	-3.73	-3.29	-3.40	-3.50	-3.61	-3.71
Active population	0.00	0.00	0.00	0.05	0.06	0.07	0.10	0.09	0.10	0.09	0.09	0.10	0.10	0.10
Unemployment rate (%)	11.10	11.10	11.10	10.89	10.86	10.83	10.68	10.72	10.67	10.73	10.71	10.70	10.69	10.68
Unemployment rate (% points difference with BAU)	0.00	0.00	0.00	-0.21	-0.24	-0.27	-0.42	-0.38	-0.43	-0.37	-0.39	-0.40	-0.41	-0.42

*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	0.36	0.43	0.50	0.77	0.73	0.81	0.75	0.77	0.79	0.81	0.83
Household real consumption	0.00	0.00	0.00	0.35	0.42	0.49	0.76	0.72	0.80	0.74	0.76	0.78	0.80	0.82
Household real savings	0.00	0.00	0.00	0.54	0.59	0.65	1.01	0.88	0.98	0.85	0.87	0.88	0.90	0.91
Propensity to save (%)	6.12	6.12	6.12	6.13	6.13	6.13	6.13	6.13	6.13	6.12	6.12	6.12	6.12	6.12
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Real average wage	0.00	0.00	0.00	0.25	0.29	0.33	0.51	0.46	0.51	0.45	0.46	0.48	0.49	0.51
Real average return to capital	0.00	0.00	0.00	0.43	0.40	0.37	0.59	0.38	0.40	0.26	0.25	0.23	0.22	0.21

*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	0.66	0.59	0.55	0.91	0.57	0.63	0.39	0.46	0.53	0.58	0.64
Manufacturing	0.00	0.00	0.00	0.49	0.52	0.55	0.87	0.72	0.80	0.66	0.69	0.71	0.73	0.76
High-Tech Manufacturing	0.00	0.00	0.00	0.72	0.69	0.67	1.07	0.75	0.81	0.56	0.59	0.61	0.64	0.66
Services	0.00	0.00	0.00	0.16	0.30	0.42	0.61	0.72	0.82	0.86	0.87	0.89	0.90	0.92
Construction	0.00	0.00	0.00	-0.19	-0.03	0.11	0.12	0.45	0.55	0.79	0.80	0.81	0.82	0.84
Public administration	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
Private consumption - total	0.00	0.00	0.00	0.33	0.41	0.48	0.74	0.71	0.80	0.75	0.77	0.79	0.81	0.83

*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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manufacturing	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
High-Tech Manufacturing	0.00	0.00	0.00	0.97	0.92	0.89	1.43	0.99	1.06	0.70	0.74	0.77	0.81	0.84
Services	0.00	0.00	0.00	0.28	0.43	0.58	0.86	0.95	1.07	1.08	1.10	1.12	1.14	1.16
Construction	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
Public administration	0.00	0.00	0.00	0.25	0.38	0.50	0.75	0.82	0.94	0.95	0.97	0.99	1.01	1.03
Public consumption - total	0.00	0.00	0.00	0.31	0.44	0.57	0.85	0.90	1.02	1.00	1.02	1.04	1.07	1.09

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	0.07	0.19	0.31	0.46	0.62	0.74	0.84	0.89	0.93	0.97	1.01
Manufacturing	0.00	0.00	0.00	0.27	0.41	0.54	0.81	0.89	1.01	1.02	1.04	1.07	1.09	1.12
High-Tech Manufacturing	0.00	0.00	0.00	0.73	0.82	0.90	1.42	1.20	1.33	1.09	1.12	1.15	1.17	1.20
Services	0.00	0.00	0.00	0.22	0.38	0.52	0.77	0.87	1.00	1.02	1.04	1.06	1.08	1.10
Construction	0.00	0.00	0.00	2.46	2.39	2.31	3.77	2.43	2.54	1.35	1.38	1.42	1.46	1.50
Public administration	0.00	0.00	0.00	0.25	0.38	0.50	0.75	0.82	0.94	0.95	0.97	0.99	1.01	1.03
Domestic sales - total	0.00	0.00	0.00	0.52	0.64	0.74	1.15	1.06	1.19	1.05	1.08	1.10	1.13	1.15

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	-0.14	-0.05	0.06	0.08	0.31	0.43	0.62	0.71	0.79	0.86	0.93
Manufacturing	0.00	0.00	0.00	-0.45	-0.17	0.08	0.02	0.62	0.78	1.18	1.20	1.23	1.25	1.27
High-Tech Manufacturing	0.00	0.00	0.00	-0.80	-0.48	-0.18	-0.44	0.42	0.60	1.24	1.25	1.26	1.28	1.29
Services	0.00	0.00	0.00	0.03	0.22	0.40	0.56	0.81	0.94	1.07	1.09	1.11	1.13	1.14
Construction	0.00	0.00	0.00	2.52	2.44	2.36	3.85	2.47	2.58	1.35	1.39	1.43	1.47	1.51
Public administration	0.00	0.00	0.00	0.25	0.38	0.50	0.75	0.82	0.94	0.95	0.97	0.99	1.01	1.03
Domestic production - total	0.00	0.00	0.00	0.09	0.28	0.45	0.65	0.87	1.01	1.12	1.14	1.17	1.19	1.21

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	-0.72	-0.47	-0.26	-0.52	0.13	0.23	0.69	0.68	0.68	0.68	0.68
Manufacturing	0.00	0.00	0.00	-0.62	-0.41	-0.22	-0.44	0.13	0.22	0.64	0.65	0.66	0.67	0.68
High-Tech Manufacturing	0.00	0.00	0.00	-0.99	-0.75	-0.54	-0.99	-0.15	-0.05	0.61	0.62	0.62	0.63	0.64
Services	0.00	0.00	0.00	0.06	0.11	0.16	0.23	0.31	0.36	0.41	0.43	0.44	0.46	0.47
Construction	0.00	0.00	0.00	3.63	3.28	2.95	4.91	2.62	2.63	0.74	0.79	0.83	0.87	0.92
Public administration	0.00	0.00	0.00	0.29	0.33	0.37	0.57	0.51	0.56	0.49	0.51	0.52	0.54	0.55
Employment - total	0.00	0.00	0.00	0.28	0.33	0.37	0.58	0.52	0.58	0.51	0.53	0.54	0.56	0.58

*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	-1.15	-0.43	0.19	-0.03	1.40	1.68	2.56	2.45	2.36	2.29	2.23
Manufacturing	0.00	0.00	0.00	1.52	1.71	1.88	3.14	2.30	2.46	1.59	1.63	1.67	1.71	1.75
High-Tech Manufacturing	0.00	0.00	0.00	1.89	2.03	2.15	3.63	2.50	2.65	1.55	1.59	1.63	1.67	1.71
Services	0.00	0.00	0.00	3.66	3.40	3.15	5.17	3.04	3.11	1.29	1.34	1.39	1.44	1.49
Construction	0.00	0.00	0.00	5.05	4.65	4.28	7.13	4.07	4.16	1.63	1.72	1.81	1.89	1.97
Public administration	0.00	0.00	0.00	0.81	0.95	1.08	1.68	1.51	1.68	1.48	1.52	1.57	1.61	1.66
Total investments - total	0.00	0.00	0.00	3.11	2.97	2.83	4.63	2.87	2.97	1.43	1.48	1.52	1.56	1.60

*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	0.76	0.97	1.13	1.65	1.59	1.68	1.47	1.34	1.23	1.14	1.06
Manufacturing	0.00	0.00	0.00	1.87	1.63	1.44	2.37	1.27	1.28	0.43	0.47	0.51	0.54	0.57
High-Tech Manufacturing	0.00	0.00	0.00	1.69	1.58	1.48	2.42	1.50	1.56	0.80	0.84	0.88	0.92	0.96
Services	0.00	0.00	0.00	2.23	1.82	1.50	2.53	1.12	1.09	0.07	0.14	0.19	0.25	0.30
Construction	0.00	0.00	0.00	5.08	4.43	3.87	6.51	3.24	3.21	0.64	0.72	0.80	0.87	0.94
Public administration	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
Imports - total	0.00	0.00	0.00	1.80	1.61	1.46	2.39	1.37	1.40	0.59	0.62	0.66	0.69	0.73

*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	-0.50	-0.45	-0.39	-0.63	-0.27	-0.20	0.16	0.28	0.38	0.48	0.58
Manufacturing	0.00	0.00	0.00	-0.90	-0.65	-0.42	-0.80	0.07	0.21	0.91	0.94	0.97	0.99	1.02
High-Tech Manufacturing	0.00	0.00	0.00	-0.91	-0.67	-0.43	-0.83	0.07	0.21	0.94	0.96	0.98	1.00	1.02
Services	0.00	0.00	0.00	-0.83	-0.53	-0.25	-0.54	0.32	0.48	1.11	1.12	1.14	1.15	1.17
Construction	0.00	0.00	0.00	-0.10	0.13	0.34	0.48	0.82	0.98	1.14	1.17	1.20	1.22	1.25
Public administration	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
Exports - total	0.00	0.00	0.00	-0.87	-0.61	-0.37	-0.72	0.13	0.28	0.95	0.98	1.00	1.02	1.05

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	-0.60	-0.38	-0.19	-0.40	0.13	0.18	0.51	0.45	0.40	0.35	0.31
Manufacturing	0.00	0.00	0.00	-0.43	-0.30	-0.20	-0.36	-0.03	0.00	0.22	0.21	0.20	0.19	0.18
High-Tech Manufacturing	0.00	0.00	0.00	-0.67	-0.48	-0.32	-0.58	-0.07	-0.02	0.33	0.32	0.30	0.29	0.29
Services	0.00	0.00	0.00	-0.07	-0.06	-0.05	-0.08	-0.04	-0.03	0.00	0.00	0.00	0.01	0.01
Construction	0.00	0.00	0.00	0.32	0.30	0.28	0.47	0.26	0.27	0.08	0.09	0.09	0.09	0.10
Public administration	0.00	0.00	0.00	-0.04	0.00	0.03	0.03	0.09	0.10	0.13	0.13	0.13	0.13	0.13
Consumer price index	0.00	0.00	0.00	-0.25	-0.18	-0.12	-0.22	-0.03	-0.01	0.12	0.11	0.11	0.10	0.10

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	-0.71	-0.43	-0.20	-0.45	0.19	0.25	0.64	0.56	0.49	0.42	0.37
Manufacturing	0.00	0.00	0.00	-0.35	-0.25	-0.16	-0.30	-0.03	-0.01	0.17	0.16	0.15	0.14	0.13
High-Tech Manufacturing	0.00	0.00	0.00	-0.42	-0.31	-0.22	-0.38	-0.08	-0.05	0.16	0.15	0.15	0.14	0.14
Services	0.00	0.00	0.00	-0.07	-0.06	-0.06	-0.10	-0.06	-0.05	-0.02	-0.02	-0.01	-0.01	-0.01
Construction	0.00	0.00	0.00	0.31	0.30	0.28	0.46	0.26	0.26	0.08	0.08	0.09	0.09	0.09
Public administration	0.00	0.00	0.00	-0.04	-0.01	0.02	0.02	0.07	0.09	0.11	0.11	0.11	0.12	0.12
Price index of total domestic production	0.00	0.00	0.00	-0.15	-0.10	-0.07	-0.12	-0.01	0.01	0.08	0.08	0.07	0.07	0.07