

# Natural gas imports & exports in Spain by country

December 2015

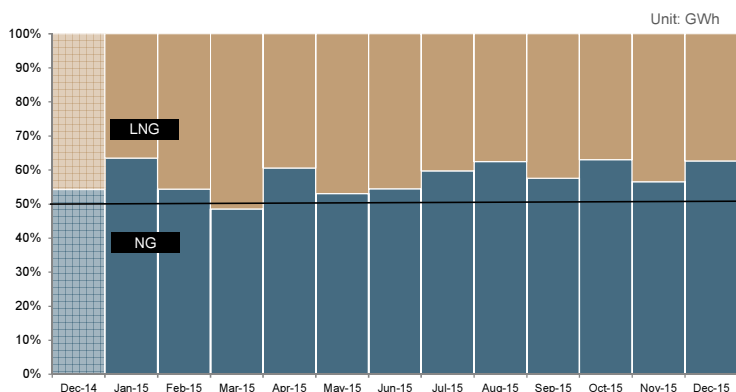
In December, natural gas net imports reach 29,328 GWh, increasing 12.7% in comparison to December 2014. This month, net imports brought in by pipeline as well as LNG net imports rise (+14.2% and +10.4%, respectively).

**Year-on-year increase of natural gas net imports to Spain (+12.7%)**

Natural gas imports equal 33,412 GWh in December, up 11.2% compared with December 2014. 62.7% of imports were brought in by pipeline, whilst the other 37.3% were LNG. In the year-to-date, the main geographical area of natural gas supply is Africa (71.6%), importing 60.0% of total natural gas imports from Algeria and 11.6% from Nigeria. The remaining imports come from Europe and Eurasia (12.3%), Middle East (9.6%) and Central and South America (6.5%).

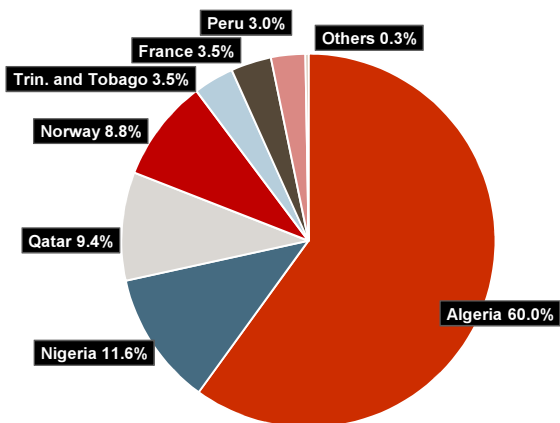
This month, natural gas exports reach 4,083 GWh, 1.8% more than those registered in December 2014. LNG exports to Italy are outstanding (659 GWh), a country to which exports had not reached such level since October 2013. In 2015, LNG exports, that represent 28.2% of total exports, drop 73.5% in the year.

Import weight by type of supply



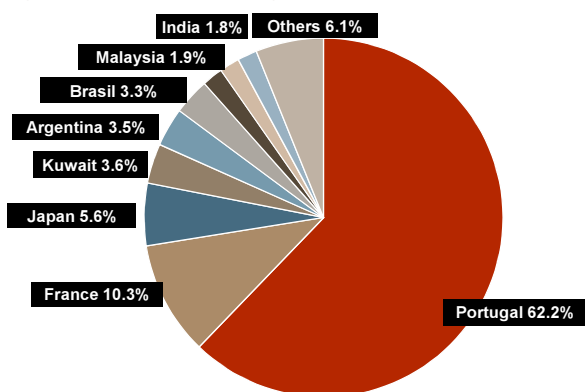
Source: Cores

Import distribution January - December 2015\*\*



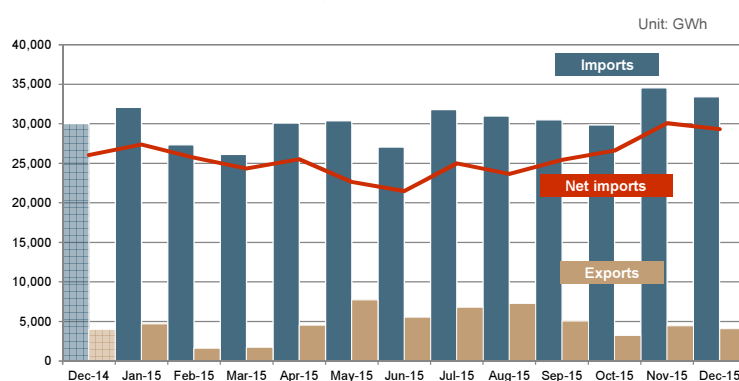
Source: Cores

Export distribution January - December 2015



Source: Cores

Imports vs. exports



Source: Cores

## Net imports

	December 2015			Year-to-date		Rolling year		
	Net. imports	VR (%) (*)	Weight (%)	Net. imports	VR (%) (*)	Net. imports	VR (%) (*)	Weight (%)
<b>TOTAL NET IMPORTS</b>	<b>29,328</b>	<b>12.7</b>	<b>100.0</b>	<b>307,230</b>	<b>-3.0</b>	<b>307,230</b>	<b>-3.0</b>	<b>100.0</b>
NG	17,934	14.2	61.2	171,352	-13.1	171,352	-13.1	55.8
LNG	11,394	10.4	38.8	135,878	13.8	135,878	13.8	44.2
OECD	14	-99.2	^	-1,739	-105.8	-1,739	-105.8	-
Non-OECD	29,315	20.4	100.0	308,969	7.8	308,969	7.8	-

Source: Cores

(\*) Rate of variation compared to the same period of previous year (see note 3)

(\*\*) Weight of imports does not correspond with the diversification of supply under Article 21 of Royal Decree 1716/2004

NOTE: other outputs of the system are not included in the OECD and Non-OECD breakdown

## Natural gas imports by country

Unit: GWh

	December 2015			Year-to-date		Rolling year		
	Imports	VR (%) (*)	Weight (%)	Imports	VR (%) (*)	Imports	VR (%) (*)	Weight (%)
Algeria	22,010	42.4	65.9	218,399	3.1	218,399	3.1	60.0
NG	16,849	46.1	50.4	175,346	13.5	175,346	13.5	48.1
LNG	5,160	31.7	15.4	43,053	-24.9	43,053	-24.9	11.8
Nigeria	2,917	2.9	8.7	42,199	29.5	42,199	29.5	11.6
<b>Africa</b>	<b>24,926</b>	<b>36.3</b>	<b>74.6</b>	<b>260,598</b>	<b>6.6</b>	<b>260,598</b>	<b>6.6</b>	<b>71.6</b>
Peru	-	-100.0	-	10,794	-22.7	10,794	-22.7	3.0
Trin. and Tobago	1,723	1.6	5.2	12,755	-43.5	12,755	-43.5	3.5
<b>Central and South America</b>	<b>1,723</b>	<b>-49.8</b>	<b>5.2</b>	<b>23,549</b>	<b>-35.5</b>	<b>23,549</b>	<b>-35.5</b>	<b>6.5</b>
Belgium	-	-	-	-	-100.0	-	-100.0	-
France	877	-35.2	2.6	12,744	-21.4	12,744	-21.4	3.5
NG	877	-35.2	2.6	12,744	-21.4	12,744	-21.4	3.5
LNG	-	-	-	-	-100.0	-	-100.0	-
Netherlands	-	-	-	-	-100.0	-	-100.0	-
Norway	3,207	-6.6	9.6	32,144	-31.6	32,144	-31.6	8.8
NG	3,207	-6.6	9.6	24,141	-26.7	24,141	-26.7	6.6
LNG	-	-	-	8,002	-43.1	8,002	-43.1	2.2
Portugal NG	-	-	-	5	-96.9	5	-96.9	^
<b>Europe and Eurasia</b>	<b>4,084</b>	<b>-14.7</b>	<b>12.2</b>	<b>44,893</b>	<b>-32.1</b>	<b>44,893</b>	<b>-32.1</b>	<b>12.3</b>
Oman	-	-100.0	-	964	-47.4	964	-47.4	0.3
Qatar	2,678	0.1	8.0	34,175	-2.5	34,175	-2.5	9.4
<b>Middle East</b>	<b>2,678</b>	<b>-24.4</b>	<b>8.0</b>	<b>35,138</b>	<b>-4.7</b>	<b>35,138</b>	<b>-4.7</b>	<b>9.6</b>
<b>Total</b>	<b>33,412</b>	<b>11.2</b>	<b>100.0</b>	<b>364,178</b>	<b>-5.2</b>	<b>364,178</b>	<b>-5.2</b>	<b>100.0</b>
<b>NG</b>	<b>20,934</b>	<b>28.3</b>	<b>62.7</b>	<b>212,237</b>	<b>4.1</b>	<b>212,237</b>	<b>4.1</b>	<b>58.3</b>
<b>LNG</b>	<b>12,478</b>	<b>-9.1</b>	<b>37.3</b>	<b>151,941</b>	<b>-15.6</b>	<b>151,941</b>	<b>-15.6</b>	<b>41.7</b>
<b>OECD</b>	<b>4,084</b>	<b>-14.7</b>	<b>12.2</b>	<b>44,893</b>	<b>-32.1</b>	<b>44,893</b>	<b>-32.1</b>	<b>12.3</b>
<b>Non-OECD</b>	<b>29,328</b>	<b>16.1</b>	<b>87.8</b>	<b>319,285</b>	<b>0.5</b>	<b>319,285</b>	<b>0.5</b>	<b>87.7</b>

Source: Cores

## Natural gas exports by country

Unit: GWh

	December 2015			Year-to-date		Rolling year		
	Exports	VR (%) (*)	Weight (%)	Exports	VR (%) (*)	Exports	VR (%) (*)	Weight (%)
Egypt	-	-	-	930.9	-	930.9	-	1.6
<b>Africa</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>930.9</b>	<b>-</b>	<b>930.9</b>	<b>-</b>	<b>1.6</b>
Canada	-	-	-	911.5	-	911.5	-	1.6
United States	-	-	-	-	-100.0	-	-100.0	-
Mexico	-	-	-	-	-100.0	-	-100.0	-
<b>North America</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>911.5</b>	<b>-52.2</b>	<b>911.5</b>	<b>-52.2</b>	<b>1.6</b>
Argentina	-	-	-	1,987.7	-76.3	1,987.7	-76.3	3.5
Brasil	-	-100.0	-	1,867.3	-78.5	1,867.3	-78.5	3.3
Puerto Rico	-	-100.0	-	-	-100.0	-	-100.0	-
<b>Central and South America</b>	<b>-</b>	<b>-100.0</b>	<b>-</b>	<b>3,855.0</b>	<b>-78.6</b>	<b>3,855.0</b>	<b>-78.6</b>	<b>6.8</b>
Cyprus	-	-	-	202.2	-	202.2	-	0.4
Slovenia	-	-100.0	-	-	-100.0	-	-100.0	-
France	36.0	248.5	0.9	5,844.0	1,090.3	5,844.0	1,090.3	10.3
NG	14.5	-	0.4	5,585.7	1,282.5	5,585.7	1,282.5	9.8
LNG	21.4	107.8	0.5	258.3	197.0	258.3	197.0	0.5
Greece	-	-	-	-	-100.0	-	-100.0	-
Italy	658.7	6,746.5	16.1	743.6	850.1	743.6	850.1	1.3
Macedonia	-	-	-	0.5	-	0.5	-	^
Norway	-	-	-	-	-100.0	-	-100.0	-
Portugal	2,990.7	385.3	73.2	35,422.6	456.4	35,422.6	456.4	62.2
NG	2,984.6	387.5	73.1	35,299.5	463.8	35,299.5	463.8	62.0
LNG	6.0	49.8	0.1	123.1	16.7	123.1	16.7	0.2
Switzerland	0.9	193.7	^	10.4	132.0	10.4	132.0	^
Turkey	-	-100.0	-	-	-100.0	-	-100.0	-
<b>Europe and Eurasia</b>	<b>3,686.2</b>	<b>45.4</b>	<b>90.3</b>	<b>42,223.4</b>	<b>299.4</b>	<b>42,223.4</b>	<b>299.4</b>	<b>74.1</b>
Kuwait	-	-	-	2,029.6	-33.7	2,029.6	-33.7	3.6
United Arab Emirates	-	-	-	-	-100.0	-	-100.0	-
<b>Middle East</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,029.6</b>	<b>-48.6</b>	<b>2,029.6</b>	<b>-48.6</b>	<b>3.6</b>
South Korea	-	-100.0	-	485.8	-95.7	485.8	-95.7	0.9
China	-	-	-	-	-100.0	-	-100.0	-
India	-	-	-	1,037.6	-65.4	1,037.6	-65.4	1.8
Japan	384.3	-	9.4	3,213.8	-74.2	3,213.8	-74.2	5.6
Malaysia	-	-	-	1,066.2	4.1	1,066.2	4.1	1.9
Pakistan	-	-	-	995.6	-	995.6	-	1.7
Taiwan	-	-	-	-	-100.0	-	-100.0	-
<b>Asia Pacific</b>	<b>384.3</b>	<b>-32.1</b>	<b>9.4</b>	<b>6,799.1</b>	<b>-79.3</b>	<b>6,799.1</b>	<b>-79.3</b>	<b>11.9</b>
Other outputs of the system (1)	13.0	-61.9	0.3	198.6	59.7	198.6	59.7	0.3
<b>Total</b>	<b>4,083.4</b>	<b>1.8</b>	<b>100.0</b>	<b>56,948.2</b>	<b>-15.4</b>	<b>56,948.2</b>	<b>-15.4</b>	<b>100.0</b>
<b>NG</b>	<b>2,999.1</b>	<b>389.9</b>	<b>73.4</b>	<b>40,885.2</b>	<b>513.4</b>	<b>40,885.2</b>	<b>513.4</b>	<b>71.8</b>
<b>LNG</b>	<b>1,084.2</b>	<b>-68.1</b>	<b>26.6</b>	<b>16,062.9</b>	<b>-73.5</b>	<b>16,062.9</b>	<b>-73.5</b>	<b>28.2</b>
<b>OECD</b>	<b>4,070.4</b>	<b>31.2</b>	<b>99.7</b>	<b>46,631.7</b>	<b>28.9</b>	<b>46,631.7</b>	<b>28.9</b>	<b>81.9</b>
<b>Non-OECD</b>	<b>13.0</b>	<b>-98.6</b>	<b>0.3</b>	<b>10,316.4</b>	<b>-66.9</b>	<b>10,316.4</b>	<b>-66.9</b>	<b>18.1</b>

Source: Cores

(\*) Rate of variation compared to the same period of previous year (see note 3)

(1) Gassing up operations of ships. Breakdown available since January 2014.

- equals 0.0 / ^ other than 0.0 / n.a.: not applicable

Note 1: all imports / exports are in the form of LNG, unless indicated otherwise.

Note 2: the weight of imports does not match the supply diversification under Article 21 of Royal Decree 1716/2004.

Note 3: In order to adapt to European legislation, since January 2015, the concept of gas transit contract has been changed, being considered hereinafter as import and export. Consequently the 2014 and 2015 data would not always be comparable.