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*This work is dedicated to my dear uncle Mehmet Salih, for his kindness and
helpfulness, and for his endless support*

Eidesstattliche Erklärung

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Abstract

This study investigates the industrial energy efficiency of the European Union¹ countries. An input-oriented Data Envelopment Analysis is used to calculate the potential energy efficiency improvements, financial savings and potential CO_2 emission reductions of the most energy intensive manufacturing industries. The data is taken from the European Commission's Eurostat database [10] and from the Turkish Statistical Institute² [15]. The year 2014 is chosen because of extensive data availability. European industry as total and 12 industrial sub-sectors are analysed. The analysis results of European industry as total show that 18³ countries appear to be the most energy efficient where 12⁴ others appear to have lower efficiency ratings. The results also show that the countries Belgium, Romania, Finland, Austria, Poland, Hungary and Bulgaria have a high potential of financial savings as well as CO_2 emission reductions. The findings show that there is € 19,775.49 million total financial saving potential and 102,267.60 ktons of total CO_2 emission reduction potential.

This thesis is structured as follows: the first chapter gives a brief introduction to energy efficiency, the research objective, background and literature review, the second chapter contains the methodology, the third chapter includes the results of each sub-sector and the fourth chapter includes the conclusion and recommendations for further study.

¹EU member country Malta, EFTA member countries Iceland, Liechtenstein and candidate countries Albania, Montenegro, Serbia, the former Yugoslav Republic of Macedonia and Kosovo are not included in the analysis due to missing enterprise statistical data. EFTA member country Switzerland is not included in the analysis due to missing energy consumption statistical data. EFTA member country Norway, candidate country Turkey and potential candidate country Bosnia and Herzegovina are also included in the analysis.

²Only statistics of Turkey are partially taken from the Turkish Statistical Institute.

³Bosnia and Herzegovina, Cyprus, Germany, Denmark, Greece, Spain, France, Ireland, Italy, Lithuania, Luxembourg, Netherlands, Norway, Portugal, Sweden, Slovakia, Turkey, United Kingdom

⁴Austria, Belgium, Bulgaria, Czech Republic, Estonia, Finland, Croatia, Hungary, Latvia, Poland, Romania, Slovenia

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Chapter 1

Introduction

1.1 Research Objective

Energy efficiency is the 'first fuel' that paves the way to sustainable development [4]. Energy efficiency improvements have never been so important as the impacts of climate change have become more and more severe in the last decade. Millions of people around the world face serious consequences of extreme weather events as storms, droughts, floods and heat waves have become more frequent and intense. Melting ice and rising sea levels could make millions of people displaced. Therefore, taking immediate action is necessary to achieving universally agreed climate goal to limit the average long-term global temperature increase to 2°C and energy efficiency improvements play a major role for achieving this goal [3]. Energy efficiency improvements do not only contribute to reduced final energy consumption but also to reduced carbon emissions, reduced local air pollution and improved industrial productivity [4]. 'Nearly one-third of global energy demand and almost 40% of worldwide CO_2 emissions are attributable to industrial activities' [2]. In this way, the aim of this research is to investigate the industrial energy efficiency of the European Union countries.

1.2 Background and Literature Review

Many studies have been conducted over the years to investigate the industrial energy efficiency. DEA has become a quite popular method of data analysis in this field. Öñüt & Soner used DEA to investigate the energy use and efficiency of small and medium-sized enterprises of Turkish manufacturing sector [20], Özkara & Atak investigated the regional total-factor energy efficiency and electricity saving potential of Turkish manufacturing industry [21], Shi et al. investigated the Chinese regional industrial energy efficiency [22], Vlontzos et al. investigated the agricultural energy and environmental efficiency of EU countries [23], Moutinho et al. investigated the economic and environmental efficiency of EU countries [19], Mandal investigated the energy usage and efficiency of Indian cement industry [18], Liu & Wang investigated the energy efficiency of China's industry sector [16] and Camiato et al. investigated the energy efficiency of BRICS countries [7] and Makridou et al. investigated 5 energy-intensive industries; construction, electricity, manufacturing, mining and transport across European countries in between years 2000 and 2009 [17]. Compared to previous studies, this research investigates 12 different sub-sectors and the data used belongs to year 2014 which is more recent.

Chapter 2

Methodology

'Data Envelopment Analysis (DEA) is a "data-oriented" approach for evaluating the performance of a set of peer entities called Decision-Making Units (DMUs), which convert multiple inputs into multiple outputs' [12]. In this study, an input-oriented Charnes, Cooper and Rhodes (CCR) model is chosen for DEA Analysis as the objective is to minimise the energy consumption [8]. The input parameters are restricted to the energy sources used. Seven fuel types are used as input; *Solid Fuels*, *Gas*, *Electrical Energy*, *Total Petroleum Products*, *Derived Heat*, *Renewable Energies* and *Waste (non-renewable)*. *Turnover or Gross Premiums Written* and *Gross Operating Surplus* are the two financial parameters taken as output variables. All input variables are in *ktoe* unit and all output variables are in *M€* unit. DEA analysis are carried out by DEAP v2.1 free MS-DOS based DEA Analysis program [9]. European Industry as a total with missing main statistical data replaced with "0" value and afterwards 12 industrial sub-sectors are analysed only with countries where complete statistical data available. No analysis is done in *Mining and Quarrying Industry* as only one country has full statistical data available (see Table D.5).

All statistical data are obtained from Eurostat [10] where Turkey's *Gross Operating Surplus* data is calculated via the formula:

$$\text{Gross Operating Surplus} = \text{Value Added at Factor Cost} - \text{Employee Costs}$$

with the data obtained from Turkish Statistical Institute [15].

$$\min \theta - \varepsilon \left(\sum_{i=1}^m s_i^- + \sum_{r=1}^s s_r^+ \right)$$

subject to

$$\sum_{j=1}^n x_{ij} \lambda_j + s_i^- = \theta x_{io} \quad i = 1, 2, \dots, m;$$

$$\sum_{j=1}^n y_{rj} \lambda_j - s_r^+ = y_{ro} \quad r = 1, 2, \dots, s;$$

$$\lambda_j \geq 0 \quad j = 1, 2, \dots, n$$

θ the measure of efficiency of DMUs in the set of $j = 1, 2, \dots, n$ calculated with respect to others

s_i^- variables for input constraints

s_r^+ variables for output constraints

n number of DMUs

m number of inputs used by the DMUs

s number of outputs used by the DMUs

λ_j the dual weight assigned to DMUs

The input oriented CCR DEA Model used in the study is given above [12]. The objective function assigns best performing DMUs an efficiency score of 1. The rest of the DMUs which do get efficiency scores less than 1 are considered to be less efficient. The results including the efficiency scores of each country, input and output variables with potential fuel and potential financial savings and potential CO_2 emissions reduction values are all included under Appendix D.

Chapter 3

Results and Discussion

3.1 Iron and Steel Industry

In Iron and Steel Industry a total of 17¹ countries are analysed and 13² countries are not included in the analysis because of lack of data. The results show that 11³ countries have the most energy efficient industries where Belgium, Germany, Spain, France, Hungary and Romania have lower industrial energy efficiency ratings. These 6 countries have € 4.240,73 million total financial saving potential and 21.846,19 ktons of total CO_2 emission reduction potential.

France has the highest potential financial saving with € 1.674,69 million and the highest CO_2 emission reduction potential with 11.306,75 ktons followed by Germany which has the second highest potential financial saving with € 1.552,15 million and the second highest CO_2 emission reduction potential with 5.999,02 ktons (see Table D.1 for further results).

¹Austria, Bosnia and Herzegovina, Belgium, Bulgaria, Germany, Greece, Spain, France, Hungary, Italy, Poland, Portugal, Romania, Sweden, Slovakia, Turkey, United Kingdom

²Cyprus, Czech Republic, Denmark, Estonia, Finland, Croatia, Ireland, Lithuania, Luxembourg, Latvia, Netherlands, Norway, Slovenia

³Austria, Bosnia and Herzegovina, Bulgaria, Greece, Italy, Poland, Portugal, Sweden, Slovakia, Turkey, United Kingdom

3.2 Non-Ferrous Metals Industry

In Non-Ferrous Metals Industry a total of 18⁴ countries are analysed and 12⁵ countries are not included in the analysis because of lack of data. The results show that 12⁶ countries have the most energy efficient industries where Bosnia and Herzegovina, Germany, Greece, Poland, Slovenia and Slovakia have lower industrial energy efficiency ratings. These 6 countries have € 1.648,67 million total financial saving potential and 7.477,36 ktons of total CO_2 emission reduction potential.

Greece has the highest potential financial saving with € 503,51 million and the highest CO_2 emission reduction potential with 2.555,38 ktons followed by Germany which has the second highest potential financial saving with € 316,38 million and the second highest CO_2 emission reduction potential with 1.271,07 ktons (see Table D.2 for further results).

3.3 Chemical and Petrochemical Industry

In Chemical and Petrochemical Industry a total of 24⁷ countries are analysed and 6⁸ countries are not included in the analysis because of lack of data. The results show that 17⁹ countries have the most energy efficient industries where Austria, Belgium, Germany, Hungary, Netherlands, Poland and Romania have lower industrial energy efficiency ratings. These 7 countries have € 11.255,47 million total financial saving potential and 54.420,04 ktons of total CO_2 emission reduction potential.

Germany has the highest potential financial saving with € 6.856,98 million and the highest CO_2 emission reduction potential with 28.937,86 ktons (see Table D.3 for further results).

⁴Austria, Bosnia and Herzegovina, Belgium, Bulgaria, Germany, Greece, Spain, Finland, France, Hungary, Italy, Poland, Portugal, Sweden, Slovenia, Slovakia, Turkey, United Kingdom

⁵Cyprus, Czech Republic, Denmark, Estonia, Croatia, Ireland, Lithuania, Luxembourg, Latvia, Netherlands, Norway, Romania

⁶Austria, Belgium, Bulgaria, Spain, Finland, France, Hungary, Italy, Portugal, Sweden, Turkey, United Kingdom

⁷Austria, Bosnia and Herzegovina, Belgium, Cyprus, Czech Republic, Germany, Denmark, Estonia, Greece, Spain, Finland, France, Croatia, Hungary, Italy, Lithuania, Netherlands, Poland, Portugal, Romania, Slovenia, Slovakia, Turkey, United Kingdom

⁸Bulgaria, Ireland, Luxembourg, Latvia, Norway, Sweden

⁹Bosnia and Herzegovina, Cyprus, Czech Republic, Denmark, Estonia, Greece, Spain, Finland, France, Croatia, Italy, Lithuania, Portugal, Slovenia, Slovakia, Turkey, United Kingdom

3.4 Non-Metallic Minerals Industry

In Non-Metallic Minerals Industry all 30 countries are included in the analysis. The results show that 17¹⁰ countries have the most energy efficient industries where Belgium, Bulgaria, Germany, France, Croatia, Ireland, Italy, Latvia, Romania, Slovenia, Slovakia, Turkey and United Kingdom have lower industrial energy efficiency ratings. These 13 countries have € 4.962,08 million total financial saving potential and 29.836,99 ktons of total CO_2 emission reduction potential.

Turkey has the highest potential financial saving with € 1.129,06 million and the highest CO_2 emission reduction potential with 11.429,65 ktons (see Table D.4 for further results).

3.5 Food and Tobacco Industry

In Food and Tobacco Industry a total of 22¹¹ countries are analysed and 8¹² countries are not included in the analysis because of lack of data. The results show that 17¹³ countries have the most energy efficient industries where Estonia, Croatia, Hungary, Romania and United Kingdom have lower industrial energy efficiency ratings. These 5 countries have € 3.053,91 million total financial saving potential and 11.228,74 ktons of total CO_2 emission reduction potential.

United Kingdom has the highest potential financial saving with € 2.619,88 million and the highest CO_2 emission reduction potential with 9.674,94 ktons (see Table D.6 for further results).

¹⁰Austria, Bosnia and Herzegovina, Cyprus, Czech Republic, Denmark, Estonia, Greece, Spain, Finland, Hungary, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Sweden

¹¹Austria, Bosnia and Herzegovina, Belgium, Bulgaria, Germany, Denmark, Estonia, Greece, Spain, Finland, France, Croatia, Hungary, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Turkey, United Kingdom

¹²Cyprus, Czech Republic, Ireland, Lithuania, Luxembourg, Latvia, Sweden, Slovakia

¹³Austria, Bosnia and Herzegovina, Belgium, Bulgaria, Germany, Denmark, Greece, Spain, Finland, France, Italy, Netherlands, Norway, Poland, Portugal, Slovenia, Turkey

3.6 Textile and Leather Industry

In Textile and Leather Industry a total of 26¹⁴ countries are analysed and 4¹⁵ countries are not included in the analysis because of lack of data. The results show that 9¹⁶ countries have the most energy efficient industries where Austria, Bosnia and Herzegovina, Bulgaria, Czech Republic, Germany, Estonia, Greece, Spain, Finland, Croatia, Ireland, Lithuania, Latvia, Portugal, Romania, Slovenia and United Kingdom have lower industrial energy efficiency ratings. These 17 countries have € 1.101,99 million total financial saving potential and 4.246,54 ktons of total CO_2 emission reduction potential.

United Kingdom has the highest potential financial saving with € 468,19 million and the highest CO_2 emission reduction potential with 1.700,49 ktons (see Table D.7 for further results).

3.7 Paper, Pulp and Print Industry

In Paper, Pulp and Print Industry a total of 25¹⁷ countries are analysed and 5¹⁸ countries are not included in the analysis because of lack of data. The results show that 15¹⁹ countries have the most energy efficient industries where Austria, Bulgaria, Czech Republic, Germany, Estonia, Finland, Hungary, Portugal, Slovenia and Slovakia have lower industrial energy efficiency ratings. These 10 countries have € 4.594,56 million total financial saving potential and 20.332,54 ktons of total CO_2 emission reduction potential. Germany has the highest potential financial saving with € 2.089,96 million and the highest CO_2 emission reduction potential with 9.196,66 ktons followed by Finland which has the second highest potential financial saving with € 1.396,84 million and the second highest CO_2 emission reduction potential with 6.467,83 ktons (see Table D.8 for further results).

¹⁴Austria, Bosnia and Herzegovina, Belgium, Bulgaria, Czech Republic, Germany, Estonia, Greece, Spain, Finland, France, Croatia, Hungary, Ireland, Italy, Lithuania, Latvia, Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Slovakia, Turkey, United Kingdom

¹⁵Cyprus, Denmark, Luxembourg, Sweden

¹⁶Belgium, France, Hungary, Italy, Netherlands, Norway, Poland, Slovakia, Turkey

¹⁷Austria, Bosnia and Herzegovina, Belgium, Bulgaria, Czech Republic, Germany, Denmark, Estonia, Greece, Spain, Finland, France, Croatia, Hungary, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Sweden, Slovenia, Slovakia, Turkey, United Kingdom

¹⁸Cyprus, Ireland, Luxembourg, Latvia, Romania

¹⁹Bosnia and Herzegovina, Belgium, Denmark, Greece, Spain, France, Croatia, Italy, Lithuania, Netherlands, Norway, Poland, Sweden, Turkey, United Kingdom

3.8 Transport Equipment Industry

In Transport Equipment Industry a total of 20²⁰ countries are analysed and 10²¹ countries are not included in the analysis because of lack of data. The results show that 16²² countries have the most energy efficient industries where Finland, Poland, Romania and Slovakia have lower industrial energy efficiency ratings. These 4 countries have € 228,42 million total financial saving potential and 982,01 ktons of total CO_2 emission reduction potential. Poland has the highest potential financial saving with € 97,31 million and the highest CO_2 emission reduction potential with 446,50 ktons followed by Romania which has the second highest potential financial saving with € 70,20 million and the second highest CO_2 emission reduction potential with 268,02 ktons (see Table D.9 for further results).

3.9 Machinery Industry

In Machinery Industry a total of 26²³ countries are analysed and 4²⁴ countries are not included in the analysis because of lack of data. The results show that 11²⁵ countries have the most energy efficient industries where Austria, Bulgaria, Czech Republic, Germany, Denmark, Estonia, Spain, France, Croatia, Hungary, Italy, Poland, Portugal, Romania and Slovenia have lower industrial energy efficiency ratings. These 15 countries have € 6.306,35 million total financial saving potential and 25.674,74 ktons of total CO_2 emission reduction potential. Germany has the highest potential financial saving with € 2.308,82 million and the highest CO_2 emission reduction potential with 9.498,60 ktons followed by Italy which has the second highest potential financial saving with € 1.701,50 million and the second highest CO_2 emission reduction potential with 6.938,87 ktons (see Table D.10 for further results).

²⁰Austria, Belgium, Bulgaria, Czech Republic, Germany, Denmark, Spain, Finland, France, Hungary, Italy, Netherlands, Norway, Poland, Portugal, Romania Sweden, Slovakia, Turkey, United Kingdom

²¹Bosnia and Herzegovina, Cyprus, Estonia, Greece, Croatia, Ireland, Lithuania, Luxembourg, Latvia, Slovenia

²²Austria, Belgium, Bulgaria, Czech Republic, Germany, Denmark, Spain, France, Hungary, Italy, Netherlands, Norway, Portugal, Sweden, Turkey, United Kingdom

²³Austria, Bosnia and Herzegovina, Belgium, Bulgaria, Czech Republic, Germany, Denmark, Estonia, Greece, Spain, France, Croatia, Hungary, Ireland, Italy, Lithuania, Latvia, Netherlands, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia, Turkey, United Kingdom

²⁴Cyprus, Finland, Luxembourg, Norway

²⁵Bosnia and Herzegovina, Belgium, Greece, Ireland, Lithuania, Latvia, Netherlands, Sweden, Slovakia, Turkey, United Kingdom

3.10 Wood and Wood Products Industry

In Wood and Wood Products Industry all countries are included in the analysis except Cyprus and United Kingdom because of lack of data. The results show that 14²⁶ countries have the most energy efficient industries where Austria, Bulgaria, Czech Republic, Germany, Estonia, Greece, Spain, Finland, Ireland, Lithuania, Latvia, Poland, Romania and Slovenia have lower industrial energy efficiency ratings. These 14 countries have € 761,72 million total financial saving potential and 3.428,46 ktons of total CO_2 emission reduction potential.

Germany has the highest potential financial saving with € 212,31 million and the highest CO_2 emission reduction potential with 894,82 ktons followed by Poland which has the second highest potential financial saving with € 124,10 million and the second highest CO_2 emission reduction potential with 664,52 ktons (see Table D.11 for further results).

3.11 Construction Industry

In Construction Industry all countries are included in the analysis except Cyprus, Germany and Ireland because of lack of data. The results show that 10²⁷ countries have the most energy efficient industries where Austria, Bosnia and Herzegovina, Bulgaria, Czech Republic, Estonia, Spain, Hungary, Lithuania, Luxembourg, Latvia, Netherlands, Norway, Poland, Portugal, Romania, Slovakia and Turkey have lower industrial energy efficiency ratings. These 17 countries have € 1.960,02 million total financial saving potential and 8.320,33 ktons of total CO_2 emission reduction potential.

Spain has the highest potential financial saving with € 825,94 million and the highest CO_2 emission reduction potential with 2.793,49 ktons (see Table D.12 for further results).

²⁶Bosnia and Herzegovina, Belgium, Denmark, France, Croatia, Hungary, Italy, Luxembourg, Netherlands, Norway, Portugal, Sweden, Slovakia, Turkey

²⁷Belgium, Denmark, Greece, Finland, France, Croatia, Italy, Sweden, Slovenia, United Kingdom

3.12 Non-Specified(Industry) Industry

In Non-Specified (Industry) Industry all countries are included in the analysis except Croatia and Luxembourg because of lack of data. The results show that 10²⁸ countries have the most energy efficient industries where Austria, Belgium, Czech Republic, Germany, Estonia, Greece, Finland, Hungary, Italy, Lithuania, Latvia, Norway, Poland, Romania, Sweden, Slovenia, Turkey and United Kingdom have lower industrial energy efficiency ratings. These 17 countries have € 12.852,47 million total financial saving potential and 63.694,01 ktons of total CO_2 emission reduction potential.

Turkey, United Kingdom and Sweden have the highest potential financial savings with € 3.904,41 million, € 3.373,84 million and € 3.064,02 million respectively. These 3 countries also have the highest CO_2 emission reduction potentials; United Kingdom with 20.850,99 ktons, Turkey with 18.689,43 ktons and Sweden with 13.332,19 ktons (see Table D.13 for further results).

3.13 Industry, Total

In total industry analysis, all countries are included in the analysis with missing main divisional statistical data replaced with "0" value. The results show that 18²⁹ countries have the most energy efficient industries where Austria, Belgium, Bulgaria, Czech Republic, Estonia, Finland, Croatia, Hungary, Latvia, Poland, Romania and Slovenia have lower industrial energy efficiency ratings. These 12 countries have €19.775,49 million total financial saving potential and 102.267,60 ktons of total CO_2 emission reduction potential (see Table D.14 for further results).

²⁸Bosnia and Herzegovina, Bulgaria, Cyprus, Denmark, Spain, France, Ireland, Netherlands, Portugal, Slovakia

²⁹Bosnia and Herzegovina, Cyprus, Germany, Denmark, Greece, Spain, France, Ireland, Italy, Lithuania, Luxembourg, Netherlands, Norway, Portugal, Sweden, Slovakia, Turkey, United Kingdom

Chapter 4

Conclusion

4.1 Summary of Thesis Achievements

This thesis investigated the industrial energy efficiency of the European Union countries. The industrial energy efficiency of all the countries analysed can be improved. According to IEA, 'improved energy efficiency contributes positively to energy security and environmental protection and helps to achieve more sustainable economic development' [1]. However, it will take time, money and a combined effort of policy-makers and the industry leaders. In this way, it is up to policy-makers to make the right policies in a timely manner which would then lead industry leaders to make the necessary investments. This will not only bring economic benefits in the long run but also contribute to the efforts on fighting against climate change. Following are the major findings of this thesis:

- * In Industry Total, 12 countries¹ have €19.775,49 million total financial saving potential and 102.267,60 ktons of total CO_2 emission reduction potential (see Table D.14 for further results).
- * In Industry Total, Belgium has the highest industrial energy efficiency potential with €4.817,03 million followed by Romania with €3.769,36 million. Belgium also has the highest CO_2 emission reduction potential with 24.408,95 ktons. Over 50 % of Belgium's potential financial saving comes from electrical energy and over 40 % comes from natural gas.
- * Romania and Bulgaria have the lowest efficiency scores in industry total.

¹Austria, Belgium, Bulgaria, Czech Republic, Estonia, Finland, Croatia, Hungary, Latvia, Poland, Romania, Slovenia

- * In Iron and Steel Industry, France has the highest potential financial saving with €1.674,69 million and over 59 % of the country's potential financial saving comes from electrical energy.
- * In Chemical and Petrochemical Industry, Germany has the highest potential financial saving with € 6.856,98 million and over 56 % of the country's potential financial saving comes from electrical energy and over 37 % from natural gas.
- * In Non-Metallic Minerals Industry, Turkey has the highest potential financial saving with € 1.129,06 million and over 56 % of the country's potential financial saving comes from electrical energy.
- * In Food and Tobacco Industry, United Kingdom has the highest potential financial saving with € 2.619,88 million and over 50 % of the country's potential financial saving comes from natural gas and over 47 % comes from electrical energy.
- * In Textile and Leather Industry, United Kingdom has the highest potential financial saving with € 468,19 million and over 68 % of the country's potential financial saving comes from natural gas.
- * In Paper, Pulp and Print Industry, Germany has the highest potential financial saving with € 2.089,96 million and over 59 % of the country's potential financial saving comes from electrical energy.
- * In Transport Equipment Industry, Poland has the highest potential financial saving with € 97,31 million and over 77 % of the country's potential financial saving comes from electrical energy.
- * In Machinery Industry, Germany has the highest potential financial saving with € 2.308,82 million over 75 % of the country's potential financial saving comes from electrical energy.
- * In Wood and Wood Products Industry, Germany has the highest potential financial saving with € 212,31 million and over 80 % of the country's potential financial saving comes from electrical energy.

- * In Construction Industry, Spain has the highest potential financial saving with € 825,94 million and over 77 % of the country's potential financial saving comes from natural gas.
- * In Non-Specified(Industry) Industry, Turkey, United Kingdom and Sweden have the highest potential financial savings with € 3.904,41 million, € 3.373,84 million and € 3.064,02 million respectively. Over 48 % of Turkey's, over 58 % of United Kingdom's and over 98 % of Sweden's potential financial saving comes from electrical energy.
- * In Industry Total, even though Germany is among the most efficient industries, the results of sub-sectoral analysis show that in three major industries; Chemical and Petrochemical, Paper-Pulp and Print and Wood and Wood Products, Germany has a low efficiency rating and therefore a high potential financial saving and CO_2 emission reduction.
- * In Industry Total, even though Bosnia and Herzegovina and Greece are among the most efficient industries, the results of sub-sectoral analysis show that in Non-Ferrous Metals Industry, both countries have a very low efficiency rating and therefore a high potential financial saving and CO_2 emission reduction.
- * In Industry Total, even though Spain is among the most efficient industries, the results of sub-sectoral analysis show that in two major industries; Textile and Leather and Construction Industry, Spain has a low efficiency rating and therefore a high potential financial saving and CO_2 emission reduction.
- * In Industry Total, even though France is among the most efficient industries, the results of sub-sectoral analysis show that in Iron and Steel Industry, France has a low efficiency rating and therefore a high potential financial saving and CO_2 emission reduction.
- * In Industry Total, even though Ireland is among the most efficient industries, the results of sub-sectoral analysis show that in Textile and Leather Industry, the country has a low efficiency rating and therefore a high potential financial saving and CO_2 emission reduction.

- * In Industry Total, even though Italy and Lithuania are among the most efficient industries, the results of sub-sectoral analysis show that in Machinery Industry, both countries have a low efficiency rating and therefore a high potential financial saving and CO_2 emission reduction.
- * In Industry Total, even though Sweden is among the most efficient industries, the results of sub-sectoral analysis show that in Non-Specified(Industry) Industry, the country has an extremely low efficiency rating and therefore the highest potential financial saving and CO_2 emission reduction.
- * In Industry Total, even though Slovenia is among the most efficient industries, the results of sub-sectoral analysis show that in two major industries; Paper-Pulp and Print and Machinery Industry, the country has a low efficiency rating and therefore a high potential financial saving and CO_2 emission reduction.

4.2 Recommendations for Further Study

This research can be deepened with an additional firm-based DEA Analysis. A major challenge behind a firm-based analysis is the difficulty of getting the statistical data. In some countries, the data is either kept confidential or not available. 'A sound understanding of how energy is used by industry' is necessary for developing 'useful indicators for industrial energy use and CO_2 emissions' [1]. A firm-based DEA analysis would reveal the energy efficiency performances of particular firms in several manufacturing industries. In the light of the results from the previous study, another survey would be conducted among the best and the least performing energy efficient firms by collecting detailed information related to the structure of the manufacturing plants, type of equipment used, condition of the equipment, recycling potential, workers' knowledge and experience, etc. This survey would reveal which particular firm in which manufacturing industry in which country is insufficient in terms of the above-mentioned factors. This survey would also enable the calculation of investments necessary to improve these factors and thereby to improve the energy efficiency of these manufacturing plants.

Appendix A

EU Industry Sector Energy Consumption Tables

All statistics under Appendix A are taken from the European Commission's Eurostat database [10] except the statistics of Turkey which are partially taken from the Turkish Statistical Institute [15].

Table A.1: EU INDUSTRY, 'SOLID FUEL' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	81.20	0.00	0.00	0.00	81.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Austria	1,244.80	1,066.70	3.40	21.90	67.30	0.00	4.10	0.00	78.40	0.00	0.00	0.00	0.00	0.00
Bosnia and Herzegovina	424.50	276.40	56.30	0.00	76.40	1.30	6.80	1.50	3.90	0.00	1.10	0.40	0.00	0.40
Belgium	1,582.20	1,187.90	0.00	0.00	334.40	0.00	20.70	0.00	19.50	0.00	0.00	0.00	0.00	19.70
Bulgaria	177.60	0.00	0.70	100.70	71.80	0.00	1.00	1.90	1.00	0.00	0.60	0.00	0.00	0.00
Cyprus	220	0.00	0.00	0.00	220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Czech Republic	1,300.40	925.00	2.70	185.80	148.20	0.30	41.60	2.40	33.30	7.10	10.50	1.20	0.60	1.80
Germany	9,099.50	6,325.40	31.10	519.80	1,347.50	59.30	223.20	6.40	339.90	0.00	14.50	0.50	0.00	9.10
Denmark	101.20	0.00	0.00	19.50	45.40	2.90	33.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Estonia	76.80	0.00	0.60	0.00	76.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Greece	236.70	0.00	157.50	0.00	69.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spain	1,109.20	929.10	25.20	187.00	8.00	0.00	19.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finland	615.20	347.10	5.40	0.00	49.00	0.00	25.00	0.00	182.20	0.00	0.00	6.20	0.00	0.20
France	3,998.80	2,981.10	4.30	475.20	251.70	0.00	153.20	0.00	14.90	8.20	20.30	0.00	0.00	71.90
Croatia	98.60	2.70	0.00	0.00	82.00	0.00	13.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hungary	249.70	207.20	0.00	0.00	27.80	0.00	2.00	0.00	0.00	0.00	1.10	0.00	4.60	0.00
Ireland	0.00	0.00	0.00	107.50	85.80	0.00	21.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iceland	88.10	88.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Italy	2,266.80	1,951.00	1.40	1.40	311.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
Lithuania	118.90	0.70	0.00	0.00	113.50	0.00	3.00	0.00	0.00	0.00	0.00	0.60	0.00	1.10
Luxembourg	32.70	7.70	0.00	0.00	43.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00
Latvia	32.20	0.00	0.00	0.20	30.00	0.20	0.00	0.00	0.00	0.00	0.60	0.00	0.60	0.00
Moldova	31.70	0.00	0.00	0.00	28.70	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Montenegro	31.0	2.20	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FYR Macedonia	97.10	95.70	0.00	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00
Malta	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Netherlands	1,502.90	1,429.20	0.00	0.00	33.90	3.80	24.50	0.00	0.00	0.00	0.00	0.00	1.40	10.00
Norway	626.10	322.00	0.00	227.40	76.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poland	4,007.40	1,166.20	6.20	1,182.10	621.20	8.80	594.40	11.10	269.70	15.10	35.40	36.80	8.30	52.20
Portugal	11.40	10.70	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Romania	641.40	474.40	0.00	85.20	72.50	0.00	8.90	0.00	0.00	0.00	0.00	0.00	0.40	0.00
Serbia	323.10	109.60	1.80	19.30	76.50	3.10	91.20	3.70	0.00	0.00	1.50	1.20	0.30	14.80
Sweden	1,046.20	749.00	32.70	4.10	144.30	99.40	2.00	0.00	11.20	3.40	0.00	0.00	0.00	0.00
Slovenia	44.00	6.10	1.20	0.00	13.50	0.00	0.00	0.00	23.10	0.00	0.00	0.00	0.00	0.00
Slovakia	1,305.60	1,297.90	2.70	0.00	55.10	0.00	9.40	0.00	0.00	1.10	0.30	0.00	0.00	0.00
Turkey	7,176.70	2,424.30	10.60	223.30	2,622.40	0.00	250.60	311.50	95.80	3.50	0.00	0.00	0.00	1,237.80
Ukraine	10,219.80	9,565.00	111.90	2.70	504.20	1.60	26.50	0.00	0.00	0.00	2.70	0.00	1.10	1.10
United Kingdom	4,169.00	2,674.50	15.20	47.30	711.70	0.00	32.80	35.80	82.50	33.40	12.10	0.00	4.20	519.40
Kosovo	20.90	15.30	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table A.2: EU INDUSTRY, 'TOTAL PETROLEUM PRODUCTS' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	148.20	37.20	0.00	7.80	58.80	0.00	21.30	1.10	1.00	0.00	0.00	0.00	6.40	14.60
Austria	669.70	115.10	5.90	21.90	71.50	10.00	49.40	3.90	11.50	49.40	3.10	11.50	324.30	9.80
Bosnia and Herzegovina	76.30	0.00	2.90	3.20	10.10	10.20	15.30	2.10	6.70	0.00	0.00	4.20	1.00	2.10
Belgium	1,794.20	12.10	2.00	1,437.70	100.40	0.00	9.10	1.00	13.60	9.10	6.10	18.20	0.00	141.50
Bulgaria	194.70	0.00	15.80	13.70	106.30	5.80	10.10	3.00	3.80	0.00	0.00	4.10	0.00	0.00
Cyprus	163.50	0.00	1.10	2.00	134.20	3.10	19.10	0.00	1.00	1.00	0.00	0.00	0.00	0.00
Czech Republic	295.40	0.00	0.00	1.00	10.60	0.00	4.00	1.00	1.00	1.00	1.00	5.10	3.90	218.60
Germany	3,003.40	243.70	47.50	1,496.20	382.60	27.00	198.30	23.60	36.80	42.70	308.10	16.50	0.00	180.00
Denmark	388.70	1.10	0.00	4.80	182.30	10.20	46.80	0.00	2.10	2.00	24.90	2.00	112.30	2.10
Estonia	62.30	0.00	0.00	2.20	1.00	5.10	10.80	1.00	0.00	10.80	1.00	1.10	4.90	1.00
Greece	1,127.60	40.80	10.60	66.60	69.40	69.40	157.80	7.10	20.60	10.30	15.60	1.10	144.80	37.90
Spain	2,357.10	102.80	51.30	115.70	1,295.50	167.70	302.90	23.60	87.30	31.30	159.00	21.00	219.50	36.70
Finland	1,331.90	166.70	24.90	293.90	90.80	57.80	48.50	6.20	13.30	13.40	36.50	13.40	368.00	82.60
France	2,270.40	35.30	15.40	365.20	702.70	82.00	214.30	21.20	56.30	25.50	91.80	20.80	589.20	50.70
Croatia	272.40	1.10	6.50	4.00	123.80	11.20	19.10	2.00	2.10	1.00	7.40	2.10	0.00	1.00
Hungary	687.50	1.00	1.00	441.00	71.50	13.00	15.70	0.90	4.00	2.10	8.50	3.00	122.50	3.20
Ireland	432.90	1.10	27.30	29.40	155.30	38.30	103.10	7.60	2.10	3.10	13.60	3.00	0.00	49.10
Iceland	67.60	24.70	1.10	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	34.80	1.90
Italy	2,235.00	72.00	27.40	486.30	1,010.70	28.30	150.70	71.50	60.70	0.00	265.60	0.00	31.60	30.20
Lithuania	39.90	0.00	0.00	1.10	4.90	2.10	12.10	1.00	0.00	0.00	0.00	2.10	13.40	3.20
Luxembourg	11.20	0.00	0.00	5.10	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	1.00
Latvia	55.10	0.00	0.00	3.30	6.10	5.10	11.10	0.00	0.00	1.00	0.00	10.20	17.40	1.00
Moldova	10.30	:	:	:	0.00	2.00	4.10	:	:	:	:	4.20	:	:
Montenegro	44.50	1.00	0.00	0.00	2.00	6.20	11.50	0.00	0.00	0.00	1.00	7.10	0.00	15.60
FYR Macedonia	187.70	65.20	1.10	1.00	71.10	13.20	16.00	5.00	0.00	0.00	2.10	0.00	13.20	0.00
Malta	11.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.40
Netherlands	2,680.70	4.10	0.00	2,215.50	13.00	8.20	5.20	0.00	0.00	0.00	5.10	8.40	418.10	2.10
Norway	769.40	27.00	20.60	324.20	54.80	60.80	68.30	2.10	6.80	8.50	13.60	7.20	162.00	13.50
Poland	716.90	3.20	6.00	317.70	57.90	63.90	83.20	11.40	36.90	16.70	30.30	14.50	47.80	27.40
Portugal	698.10	3.20	2.20	10.10	410.40	28.90	79.80	13.40	35.00	5.30	16.20	6.20	84.30	3.20
Romania	904.90	4.10	0.00	288.40	284.10	19.10	36.10	2.20	0.00	0.00	18.50	4.10	233.50	14.90
Serbia	374.00	0.00	1.90	60.60	112.60	6.40	68.50	2.00	1.10	0.00	74.50	1.90	20.80	23.80
Sweden	776.20	260.70	27.80	85.20	42.50	60.60	62.40	2.20	154.20	17.10	28.60	6.00	0.00	29.00
Slovenia	111.30	1.10	8.50	11.30	4.20	13.10	13.10	2.00	2.10	1.30	13.70	1.00	16.30	3.10
Slovakia	72.70	0.00	0.00	3.10	44.10	2.00	1.00	0.00	0.00	6.10	2.10	0.00	8.10	6.10
Turkey	828.20	38.30	3.00	185.60	306.40	0.00	171.30	25.40	29.90	13.10	0.00	0.00	0.00	55.10
Ukraine	919.90	105.70	5.00	19.20	71.50	309.40	147.40	3.00	8.20	18.20	22.20	14.20	166.30	22.60
United Kingdom	4,106.30	7.20	0.00	117.10	181.00	0.00	103.50	50.20	38.80	192.00	4.80	0.00	181.80	3,227.00
Kosovo	94.30	6.10	22.90	1.10	48.10	:	5.50	:	:	:	:	:	:	10.70

Table A.3: EU INDUSTRY, 'GAS' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	6.80	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Austria	3,006.20	985.50	99.20	407.00	300.50	50.60	261.30	35.40	506.20	30.40	180.80	34.00	40.00	46.30
Bosnia and Herzegovina	61.90	25.20	26.10	1.60	0.80	0.00	4.90	0.80	0.00	0.00	0.00	0.00	0.00	0.00
Belgium	3,887.60	739.10	111.00	1,163.50	497.20	0.00	725.70	84.60	119.60	58.90	121.00	17.90	42.30	126.80
Bulgaria	782.50	50.60	28.60	234.70	240.30	0.70	95.40	16.20	4.70	6.60	33.50	5.10	17.60	11.50
Cyprus	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
Czech Republic	2,600.00	726.50	32.60	317.60	483.50	50.90	306.60	50.90	102.50	130.60	225.60	24.70	71.60	68.50
Germany	21,045.60	4,333.60	751.70	5,087.50	2,489.70	104.20	2,655.50	234.10	2,107.70	850.10	1,666.10	132.20	0.00	637.40
Denmark	683.70	35.90	0.00	115.90	112.50	15.70	258.10	6.80	39.60	5.70	61.30	2.80	11.10	18.40
Estonia	97.80	0.00	1.40	4.00	16.70	4.90	22.10	2.30	21.10	1.80	6.30	8.10	5.30	3.70
Greece	463.80	27.10	255.10	38.40	26.10	0.00	67.20	8.80	28.60	0.00	2.90	0.90	0.00	8.60
Spain	8,978.50	687.00	117.30	2,884.80	1,365.50	144.80	765.00	152.50	899.80	131.90	256.80	34.90	837.20	698.00
Finland	791.90	224.80	1.30	16.00	42.00	0.00	17.90	7.70	458.40	0.10	8.40	0.20	0.00	15.10
France	10,790.20	1,540.70	333.80	1,994.70	1,897.00	25.60	2,143.40	131.20	1,023.10	443.50	642.00	61.70	253.80	293.70
Croatia	351.90	4.90	0.90	100.80	70.10	0.10	107.50	10.70	29.20	2.50	18.10	1.70	0.00	5.50
Hungary	1,388.60	65.30	71.20	213.40	191.20	3.40	279.90	19.50	78.10	50.90	171.90	3.10	44.30	81.30
Ireland	683.10	0.00	382.30	56.20	14.70	10.40	91.10	1.00	2.90	1.60	111.70	1.80	0.00	9.50
Iceland	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
Italy	8,725.30	1,365.80	397.20	1,028.30	1,965.10	32.90	1,149.10	371.20	600.00	0.00	1,354.10	30.10	212.70	18.70
Lithuania	235.20	0.00	0.00	72.00	29.20	0.20	85.60	12.80	11.20	1.60	5.60	6.40	11.20	5.40
Luxembourg	220.50	135.90	0.00	15.90	28.80	0.00	4.20	12.70	4.30	0.80	1.10	2.70	2.70	11.30
Latvia	119.90	0.30	1.70	7.40	32.20	1.00	38.80	5.20	2.30	1.30	5.60	12.70	9.70	1.60
Moldova	48.90	0.00	0.00	0.00	28.90	0.00	15.20	0.60	1.30	0.00	0.40	0.20	1.70	0.00
Montenegro	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
FYR Macedonia	28.70	18.30	0.90	0.90	0.90	0.00	4.90	0.00	0.40	2.20	0.10	0.00	0.00	0.00
Malta	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
Netherlands	4,974.60	702.50	51.70	1,588.80	404.40	63.50	1,291.20	54.40	297.60	49.30	288.30	24.20	97.30	116.30
Norway	331.70	48.80	38.80	122.40	50.10	4.00	42.50	0.60	14.10	1.20	3.50	2.50	0.60	2.70
Poland	3,793.00	885.40	197.70	361.70	1,022.80	23.80	599.40	40.00	167.00	94.10	200.70	48.40	29.10	112.80
Portugal	1,054.80	47.40	12.90	142.10	426.30	5.10	124.60	131.40	90.20	14.90	32.60	9.00	13.10	7.20
Romania	2,627.20	744.20	0.00	791.30	245.60	3.20	287.70	97.20	32.80	76.20	187.70	40.00	86.60	16.80
Serbia	434.20	80.60	5.20	56.00	28.70	0.20	173.20	5.10	28.90	7.40	30.20	1.90	0.00	9.90
Sweden	512.90	164.50	0.00	145.00	41.00	7.90	79.90	2.30	11.80	0.00	11.60	0.00	0.00	48.90
Slovenia	391.60	69.90	28.10	44.80	58.60	1.00	33.10	9.00	74.20	11.10	33.50	2.00	4.40	21.80
Slovakia	1,451.50	810.00	29.90	94.00	158.40	1.80	71.00	24.40	48.70	63.30	82.40	4.80	12.60	57.00
Turkey	9,360.40	1,875.80	405.70	1,125.80	1,447.50	108.10	685.00	597.20	116.90	116.90	45.20	153.80	264.90	2,341.80
Ukraine	6,244.50	4,782.50	138.80	175.90	405.90	306.90	206.30	5.00	21.90	27.10	141.40	13.70	11.20	10.00
United Kingdom	7,644.50	885.60	152.40	1,118.20	1,171.30	0.00	1,589.40	399.60	607.40	336.00	642.50	0.00	329.30	402.70
Kosovo	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

Table A.4: EU INDUSTRY, 'ELECTRICAL' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	126.10	16.20	8.90	10.10	8.00	8.80	24.70	16.10	10.10	0.00	0.00	0.00	12.30	10.10
Austria	2,284.20	210.00	86.80	357.40	158.60	99.90	189.90	37.30	408.30	66.00	324.60	155.90	54.60	1,394.00
Bosnia and Herzegovina	336.20	62.90	151.50	9.30	13.40	8.20	18.40	9.90	13.70	3.50	16.70	12.70	5.20	10.70
Belgium	3,246.10	399.70	166.60	1,104.10	246.10	37.70	469.90	96.80	221.80	188.00	49.30	32.40	69.30	108.30
Bulgaria	748.60	61.60	86.30	106.30	72.70	81.20	100.90	31.60	34.80	8.80	77.60	16.90	22.40	47.70
Cyprus	30.80	0.20	0.00	3.30	12.90	2.50	13.80	1.40	1.40	0.20	1.30	0.40	0.40	2.80
Czech Republic	1,978.10	210.80	26.90	318.80	188.10	30.40	127.20	61.10	147.60	204.20	356.30	41.30	31.50	230.90
Germany	19,670.90	2,263.20	1,153.70	4,399.10	1,042.10	62.00	1,554.00	188.60	1,885.90	1,393.80	3,379.40	367.80	0.00	1,491.00
Denmark	70.80	33.10	0.00	117.30	62.40	8.10	193.40	9.90	27.20	8.00	123.20	19.40	30.70	70.20
Estonia	182.00	0.10	0.40	13.00	18.00	1.50	27.30	9.90	3.60	5.20	21.30	3.40	6.70	15.00
Greece	1,106.50	66.80	405.00	56.70	94.40	3.40	187.00	16.90	47.10	9.00	17.00	11.20	0.10	191.70
Spain	6,161.40	1,053.50	805.00	787.20	482.20	130.60	937.50	143.70	500.50	298.20	412.60	93.60	205.50	306.30
Finland	3,282.00	342.90	166.90	405.90	64.20	117.90	138.40	17.60	1,594.80	24.10	181.70	126.10	37.20	61.20
France	9,577.10	1,573.20	665.70	1,754.60	757.90	53.70	1,786.30	125.50	714.60	409.40	782.80	435.20	183.00	331.80
Croatia	283.00	15.10	6.80	23.40	47.50	3.40	60.10	13.70	21.60	6.50	34.40	20.50	7.00	23.00
Hungary	1,292.10	50.90	33.40	274.90	103.50	7.50	179.00	17.20	68.60	126.10	211.40	21.10	22.40	146.00
Ireland	807.90	0.00	64.20	146.80	51.40	58.00	172.30	10.30	18.90	17.00	120.40	34.70	6.30	107.70
Iceland	1,292.40	84.70	1,116.20	5.70	2.00	0.10	44.70	0.20	1.40	0.40	0.90	0.30	2.30	3.70
Italy	9,709.20	1,373.20	216.90	1,221.20	788.90	55.30	1,029.40	450.30	745.70	287.20	1,679.40	248.80	107.60	1,300.30
Lithuania	298.20	1.70	0.00	64.50	22.20	2.20	58.70	12.50	13.40	2.10	14.20	25.70	8.80	42.10
Luxembourg	273.00	133.10	0.00	39.20	22.20	1.10	13.80	10.20	3.60	1.10	8.80	1.10	12.00	26.80
Latvia	143.30	1.30	0.10	5.20	22.90	1.20	24.10	2.80	2.60	3.00	9.30	58.60	6.70	5.70
Moldova	77.80	0.40	0.00	4.00	13.20	1.50	32.70	3.40	0.90	0.30	4.20	4.90	1.00	11.10
Montenegro	65.30	1.50	57.10	0.30	0.30	0.20	3.10	0.10	0.30	0.00	0.50	0.80	0.00	1.20
FYR Macedonia	189.70	133.70	1.00	3.30	9.10	13.20	11.80	4.60	0.80	3.70	3.40	0.30	1.50	3.30
Malta	35.50	0.00	0.00	3.80	0.40	0.10	5.20	2.80	2.10	1.70	10.60	0.10	1.40	7.40
Netherlands	2,892.30	225.50	140.20	1,050.10	100.30	17.30	545.00	29.10	198.00	47.10	245.30	16.90	74.50	166.00
Norway	3,898.00	457.30	1,690.40	662.70	85.50	52.00	260.40	8.30	307.00	52.00	118.40	58.00	109.80	35.30
Poland	4,132.30	517.20	179.50	742.30	387.70	205.20	493.90	46.40	368.50	218.10	378.10	160.10	64.80	366.30
Portugal	1,323.70	120.50	10.50	181.90	166.00	52.70	150.60	114.60	262.50	30.80	112.40	42.20	27.90	42.10
Romania	1,707.20	462.20	0.00	285.00	163.60	17.20	152.10	73.20	47.50	126.10	174.00	78.40	41.50	92.30
Serbia	615.30	47.40	28.90	76.90	49.10	73.40	121.90	25.10	35.50	22.30	60.90	10.40	26.30	37.20
Sweden	4,392.00	372.20	250.00	385.50	82.40	:	210.80	16.30	:	168.40	314.20	161.40	92.80	2,308.00
Slovenia	520.80	65.20	112.80	56.90	31.70	11.40	77.20	9.10	58.20	20.00	77.80	13.80	3.30	36.30
Slovakia	1,052.20	215.70	216.90	103.40	58.00	2.60	48.80	11.80	64.90	125.50	111.90	12.50	5.10	77.20
Turkey	8,241.10	1,775.50	207.80	359.70	1,045.60	131.60	567.80	1,343.20	276.10	0.00	512.70	186.20	240.30	1,588.70
Ukraine	4,677.60	1,740.10	143.30	328.60	190.90	850.10	386.30	27.30	78.90	86.10	242.60	53.60	73.30	449.00
United Kingdom	8,044.80	425.50	383.80	1,373.20	540.40	13.20	895.20	232.90	965.60	402.90	1,083.10	0.00	118.10	1,753.70
Kosovo	112.70	45.90	1.50	0.30	5.50	0.00	42.20	0.00	0.20	0.00	1.30	0.00	0.00	15.00

Table A.5: EU INDUSTRY, 'DERIVED HEAT' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	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
Austria	266.50	9.30	1.30	67.30	0.50	0.20	29.30	1.00	24.50	18.00	33.90	60.90	9.10	11.10
Bosnia and Herzegovina	0.50	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.20	0.10	0.00	0.00
Belgium	414.60	0.00	0.00	348.80	0.00	0.00	44.70	0.70	20.40	0.00	0.00	0.00	0.00	0.00
Bulgaria	479.80	0.00	14.30	358.20	0.10	0.00	6.10	6.80	0.40	0.00	0.50	0.00	1.90	91.40
Cyprus	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
Czech Republic	625.90	80.80	1.70	244.60	18.10	0.60	85.50	10.00	20.60	373.90	94.10	6.50	17.60	1.90
Germany	4,160.80	48.40	11.40	2,262.90	16.00	1.20	246.80	16.10	680.80	262.90	262.90	83.20	0.00	148.20
Denmark	79.10	3.90	0.00	13.80	7.40	1.00	22.80	1.20	3.20	0.00	14.50	2.30	0.00	8.30
Estonia	31.80	0.00	0.00	11.40	1.30	0.00	2.70	1.50	0.60	1.90	7.80	1.10	2.00	1.30
Greece	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
Spain	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
Finland	1,247.30	88.50	47.60	246.00	10.40	2.70	151.50	6.90	408.10	22.70	88.80	179.20	0.00	0.00
France	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
Croatia	42.20	0.00	0.00	12.40	0.00	0.00	11.60	1.10	4.30	0.00	7.90	2.80	0.00	2.10
Hungary	342.30	21.50	15.10	214.10	3.20	0.00	24.90	0.30	37.10	7.20	4.80	0.00	5.30	8.70
Ireland	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
Iceland	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
Italy	2,629.20	93.70	0.70	902.00	131.30	4.90	378.00	44.50	837.00	86.80	15.40	36.30	0.70	99.00
Lithuania	225.50	0.00	0.00	195.60	0.00	0.00	11.00	2.20	0.20	0.20	1.50	9.40	1.40	3.90
Luxembourg	13.50	0.00	0.00	6.50	0.00	0.00	0.00	6.70	0.00	0.00	0.00	0.00	0.00	0.20
Latvia	21.30	0.00	0.00	1.00	0.20	1.00	3.40	0.60	0.20	1.40	1.10	11.10	1.00	0.30
Moldova	57.70	0.00	0.00	0.70	0.10	0.00	53.20	2.10	0.70	0.00	0.10	0.70	0.10	0.80
Montenegro	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
FYR Macedonia	2.80	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Malta	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
Netherlands	2,088.30	0.10	0.70	1,881.60	:	:	107.90	4.00	99.60	0.10	2.20	0.70	0.00	1.20
Norway	50.50	0.10	0.60	12.80	0.40	0.10	17.80	0.00	6.90	2.70	3.30	5.40	0.00	0.30
Poland	566.20	37.90	31.90	81.10	25.20	58.70	50.60	13.10	64.50	45.30	59.50	58.30	12.10	27.80
Portugal	243.30	:	:	36.90	7.60	16.30	40.20	35.10	98.40	:	0.80	3.30	:	9.40
Romania	263.70	5.90	0.00	176.80	2.50	0.00	29.10	3.50	0.70	10.80	16.80	8.00	5.00	4.60
Serbia	195.50	9.80	4.70	100.20	1.90	0.00	20.20	0.00	19.10	0.20	2.20	0.00	0.00	25.90
Sweden	445.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	445.40
Slovenia	48.60	1.60	1.10	27.60	0.60	0.00	2.80	1.00	1.00	0.20	6.60	0.30	0.20	5.00
Slovakia	122.30	0.00	0.00	57.20	7.30	0.00	4.40	1.20	48.00	3.20	0.00	0.10	0.90	0.00
Turkey	2,025.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,025.30
Ukraine	3,109.80	824.50	297.50	632.20	53.20	81.80	906.00	13.80	139.90	50.60	98.50	84.50	19.90	45.30
United Kingdom	895.60	0.00	0.00	467.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	428.50
Kosovo	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

Table A.6: EU INDUSTRY, 'RENEWABLE' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	10.40	0.00	0.00	0.00	0.00	0.00	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Austria	1,821.70	0.80	1.10	68.80	119.10	0.70	16.10	0.80	664.60	1.20	28.00	344.20	41.60	28.80
Bosnia and Herzegovina	32.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.70
Belgium	678.30	0.00	0.00	10.70	116.70	0.00	72.50	0.70	300.30	72.50	1.50	153.60	0.00	22.20
Bulgaria	214.10	0.00	0.00	6.80	8.90	0.00	20.10	3.00	133.60	0.00	0.00	41.80	0.20	2.10
Cyprus	8.70	0.00	0.00	1.00	6.60	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Czech Republic	452.70	0.40	0.00	0.60	1.40	0.20	5.30	0.20	206.50	0.30	2.90	137.30	2.70	4.80
Germany	2,717.00	4.50	0.30	61.30	439.70	3.20	123.40	2.20	672.40	6.30	52.80	1,252.10	0.00	98.80
Denmark	115.40	0.00	0.00	0.80	20.40	18.50	6.40	0.30	4.10	0.50	6.60	36.10	0.00	21.80
Estonia	89.20	0.00	0.00	0.00	0.00	0.00	0.00	0.20	6.10	0.30	0.80	76.20	0.10	4.80
Greece	163.40	0.00	0.00	0.00	25.50	2.60	110.70	0.00	2.30	0.90	0.90	11.50	6.20	2.90
Spain	1,139.50	0.00	1.80	5.10	165.20	1.80	253.90	2.90	312.60	0.30	0.80	316.80	17.70	60.60
Finland	3,386.70	0.00	0.00	7.10	21.60	0.90	7.10	0.00	3,138.00	0.10	0.50	202.40	0.00	8.90
France	1,296.50	28.30	0.00	129.30	158.80	8.10	100.70	0.10	574.60	7.00	3.00	292.40	0.00	24.10
Croatia	39.00	0.00	0.10	0.00	0.40	0.00	2.30	0.00	0.10	0.00	0.10	8.20	0.00	27.70
Hungary	125.50	0.00	0.00	1.30	7.20	0.10	64.60	0.30	8.10	0.10	5.20	28.20	2.70	7.70
Ireland	171.20	0.00	0.00	0.00	28.00	0.00	35.00	0.00	0.00	0.00	0.00	108.10	0.00	0.00
Iceland	14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.20
Italy	327.10	0.00	0.00	6.80	105.30	0.00	30.00	0.10	0.40	0.00	0.50	98.70	0.00	85.50
Lithuania	83.70	0.00	0.00	1.30	10.20	0.40	14.10	0.20	5.20	0.00	0.30	39.30	2.40	10.10
Luxembourg	26.70	0.00	0.00	0.00	5.80	0.00	0.00	0.00	0.00	0.00	0.00	20.90	0.00	0.00
Latvia	354.10	0.00	0.00	7.30	0.00	0.00	10.80	0.00	0.10	0.00	2.90	328.30	1.20	3.40
Moldova	0.70	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Montenegro	8.90	0.00	0.00	1.00	0.10	0.00	6.90	0.10	0.00	0.00	0.50	0.00	0.00	0.40
FYR Macedonia	10.00	0.10	0.00	0.00	0.00	0.20	6.20	2.00	0.00	0.00	0.20	0.30	0.10	0.90
Malta	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
Netherlands	145.60	0.00	0.00	0.00	0.00	0.00	17.90	0.00	5.20	0.00	0.00	24.00	15.40	83.00
Norway	239.60	2.70	0.00	67.90	28.60	0.00	4.10	0.00	61.50	0.10	0.10	68.70	4.50	2.40
Poland	1,346.40	0.00	0.00	2.70	53.80	0.10	23.60	0.10	647.10	0.00	2.20	487.00	1.90	127.90
Portugal	984.10	0.00	0.00	0.90	80.00	1.80	26.00	2.90	891.00	0.00	0.10	38.50	3.50	0.40
Romania	263.00	0.00	0.00	4.10	47.50	0.60	32.90	2.20	1.50	0.00	4.30	143.80	2.70	23.40
Serbia	127.90	1.00	1.10	4.40	9.00	0.60	39.80	16.90	9.60	0.80	10.50	1.00	0.20	32.80
Sweden	4,105.50	0.00	0.00	8.00	0.00	0.00	0.00	0.50	3,717.90	0.00	0.00	358.00	0.00	21.00
Slovenia	78.70	0.00	0.00	14.40	3.20	0.00	1.40	1.90	8.80	0.10	0.60	43.60	0.10	4.60
Slovakia	329.20	3.70	0.00	0.00	0.10	0.00	0.00	0.00	286.60	0.10	4.10	25.50	0.90	2.20
Turkey	280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	280.00
Ukraine	47.60	3.40	0.00	0.40	16.20	0.00	6.20	0.20	0.20	0.00	0.70	18.60	0.40	1.30
United Kingdom	566.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	566.20
Kosovo	11.40	0.00	0.00	0.00	0.30	0.00	4.80	0.00	0.00	0.00	0.00	0.00	0.00	6.20

Table A.7: EU INDUSTRY, 'WASTE' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	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
Austria	30.00	47.90	3.60	31.20	163.20	0.00	0.00	0.00	0.00	13.10	0.00	40.20	0.40	0.40
Bosnia and Herzegovina	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
Belgium	161.20	0.00	2.50	14.90	131.60	0.00	0.00	0.00	0.00	72.20	0.00	0.00	0.00	0.00
Bulgaria	22.70	0.00	0.00	0.00	22.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cyprus	7.50	0.00	0.00	0.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Czech Republic	167.50	0.00	0.00	2.60	164.50	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.20
Germany	1,017.80	0.00	6.30	163.40	773.20	0.00	0.20	0.00	0.00	68.70	0.00	0.00	0.00	0.00
Denmark	16.10	0.00	0.00	0.00	15.50	0.00	0.40	0.00	0.00	0.00	0.10	0.10	0.00	0.00
Estonia	16.90	0.00	0.00	0.00	16.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Greece	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
Spain	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
Finland	56.70	0.00	0.00	11.30	16.50	0.00	0.00	0.00	25.90	0.00	0.00	0.40	0.00	2.60
France	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00
Croatia	10.20	0.00	0.00	0.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hungary	42.00	0.00	0.00	0.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ireland	38.50	0.00	0.00	38.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Iceland	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
Italy	271.90	0.00	0.00	76.60	175.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.80
Lithuania	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
Luxembourg	15.30	0.00	0.00	0.00	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Latvia	65.30	0.00	0.00	0.00	65.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moldova	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
Montenegro	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
FYR Macedonia	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
Malta	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
Netherlands	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
Norway	960	0.00	0.00	2.90	6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poland	489.70	0.00	0.00	25.80	439.30	0.00	0.00	0.00	33.00	0.00	0.00	0.20	0.00	1.30
Portugal	86.10	0.00	0.00	0.90	85.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
Romania	63.40	1.00	0.00	19.20	33.10	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Serbia	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
Sweden	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
Slovenia	35.50	0.00	0.00	1.80	33.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Slovakia	118.20	0.00	0.00	13.40	104.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00
Turkey	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
Ukraine	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
United Kingdom	30.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.70
Kosovo	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

Table A.8: EU INDUSTRY, 'NUCLEAR' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified (Industry)
Albania	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Austria	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Bosnia and Herzegovina	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Belgium	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Bulgaria	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Cyprus	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Czech Republic	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Germany	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Denmark	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Estonia	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Greece	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Spain	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Finland	::	::	::	::	::	::	::	::	::	::	::	::	::	::
France	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Croatia	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Hungary	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Ireland	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Iceland	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Italy	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Lithuania	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Luxembourg	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Latvia	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Moldova	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Montenegro	::	::	::	::	::	::	::	::	::	::	::	::	::	::
FYR Macedonia	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Malta	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Netherlands	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Norway	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Poland	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Portugal	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Romania	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Serbia	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Sweden	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Slovenia	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Slovakia	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Turkey	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Ukraine	::	::	::	::	::	::	::	::	::	::	::	::	::	::
United Kingdom	::	::	::	::	::	::	::	::	::	::	::	::	::	::
Kosovo	::	::	::	::	::	::	::	::	::	::	::	::	::	::

Table A.9: EU INDUSTRY, 'TOTAL' ENERGY CONSUMPTION (Thousand Tonnes of Oil Equivalent) - 2014

Geography	Industry Total	Iron and Steel	Non-Ferrous Metals	Chemical and Petrochemical	Non-Metallic Minerals	Mining and Quarrying	Food and Tobacco	Textile and Leather	Paper, Pulp & Print	Transport Equipment	Machinery	Wood & Wood Products	Construction	Non-Specified	Industry
Albania	372.80	53.40	8.90	17.90	148.10	8.80	62.30	17.10	11.20	0.00	0.00	0.00	18.70		25.20
Austria	9,090.00	2,435.40	201.40	976.70	880.60	161.50	550.10	78.40	1,701.40	127.60	601.40	669.20	470.00		296.20
Bosnia and Herzegovina	934.00	364.50	236.70	14.10	100.70	19.80	45.50	14.30	25.00	5.20	22.10	14.30	25.80		46.00
Belgium	11,681.20	2,339.00	282.10	4,076.40	1,425.40	37.70	1,342.60	183.90	707.50	253.00	190.00	203.90	164.00		478.50
Bulgaria	2,631.20	112.10	145.70	820.40	322.80	87.70	233.60	62.40	212.30	15.40	116.90	63.80	74.20		152.80
Cyprus	221.70	0.20	1.10	6.30	163.50	5.60	33.90	0.40	2.30	0.00	1.30	0.40	3.50		2.80
Czech Republic	7,481.00	1,943.60	64.00	1,066.00	1,014.30	82.30	570.20	123.90	601.50	404.20	694.60	214.80	173.20		526.60
Germany	60,715.00	13,407.90	2,002.00	14,196.10	6,500.70	387.00	5,001.30	471.00	5,820.00	2,866.70	5,683.80	1,852.30	0.00		2,565.20
Denmark	2,087.20	74.00	0.00	272.10	445.90	56.40	561.20	18.10	76.20	15.00	230.60	62.80	154.20		120.70
Estonia	556.80	0.10	2.40	30.60	130.10	11.60	63.60	14.80	59.30	10.30	37.30	121.70	48.40		26.30
Greece	3,088.00	134.70	828.20	161.80	760.30	75.40	522.80	32.90	98.60	20.20	36.40	24.60	151.00		241.20
Spain	20,005.80	2,777.30	1,000.60	3,979.80	3,260.40	446.90	2,279.10	322.70	1,806.30	461.70	829.20	466.40	1,280.00		1,101.60
Finland	10,711.70	1,170.00	246.10	980.30	294.50	179.30	388.50	38.40	5,935.70	56.40	318.90	527.90	405.20		170.70
France	27,915.50	6,169.50	1,017.20	4,719.00	3,786.10	169.40	4,397.50	277.90	2,384.00	893.60	1,539.80	780.10	1,026.00		772.20
Croatia	1,097.10	23.80	14.30	140.60	334.00	14.70	214.40	27.60	57.30	11.40	67.90	33.10	100.20		59.30
Hungary	4,090.80	445.90	120.80	1,150.00	446.50	24.00	566.30	38.20	196.00	195.40	403.00	55.40	201.90		246.00
Ireland	2,241.10	1.10	473.80	232.40	373.70	106.60	423.20	18.90	29.90	21.80	245.60	147.60	6.30		166.20
Iceland	1,432.30	997.50	1,117.30	5.70	2.00	0.10	49.70	0.20	1.40	0.40	0.90	0.30	37.20		19.80
Italy	26,164.50	5,060.70	643.50	3,722.70	4,486.80	121.30	2,737.20	1,137.60	2,248.80	374.00	3,314.90	413.90	352.70		1,555.30
Lithuania	971.30	2.40	0.00	334.50	174.10	5.00	184.70	28.70	30.00	3.90	21.60	83.50	37.10		65.70
Luxembourg	612.80	276.70	0.00	66.70	116.30	2.20	19.00	29.60	8.00	1.90	9.90	24.70	18.60		39.40
Latvia	791.10	1.60	1.80	24.30	156.70	8.50	88.80	8.60	5.10	6.70	19.50	430.90	36.60		12.00
Moldova	227.20	0.40	0.00	5.40	71.00	3.60	108.30	6.20	2.90	0.30	4.70	5.60	6.90		11.90
Montenegro	121.80	4.60	57.10	1.20	2.50	6.40	22.30	0.20	0.30	0.00	2.00	7.90	0.00		17.20
FYR Macedonia	516.00	313.20	3.10	5.10	81.10	26.70	39.50	13.00	1.10	39.50	5.70	0.60	14.80		4.20
Malta	47.00	0.00	0.00	3.80	0.40	0.10	5.20	2.80	2.10	1.70	10.60	0.10	1.40		18.90
Netherlands	14,286.40	2,365.50	192.60	6,736.10	551.70	92.70	1,991.70	87.50	600.40	101.60	494.20	67.00	606.80		378.00
Norway	5,924.90	857.90	1,750.50	1,420.30	303.70	116.90	393.10	11.00	395.30	64.50	130.00	144.80	276.80		54.20
Poland	15,032.00	2,610.00	421.40	2,713.50	2,627.90	360.50	1,845.00	122.20	1,534.80	388.40	716.30	814.30	164.00		715.00
Portugal	4,403.40	181.70	25.60	373.30	1,175.40	104.70	430.30	297.30	1,311.10	51.00	162.20	99.30	128.80		62.00
Romania	6,470.90	1,691.80	0.00	1,649.90	846.90	40.10	556.80	178.30	102.50	207.10	401.40	274.40	369.60		152.00
Serbia	2,067.90	246.40	43.60	326.30	277.70	83.70	514.80	53.10	92.30	30.50	188.80	16.60	47.70		144.40
Sweden	11,248.20	1,540.40	310.50	627.80	310.20	167.90	355.10	21.40	3,885.00	188.90	354.40	525.40	92.80		2,852.40
Slovenia	1,231.50	145.90	151.70	151.60	182.10	16.70	72.80	23.00	167.50	32.40	132.30	60.70	24.30		71.50
Slovakia	4,448.60	2,264.40	249.50	271.90	427.10	6.50	135.10	37.50	443.20	199.40	201.40	42.80	27.50		142.40
Turkey	27,914.70	6,120.90	627.20	1,894.20	5,424.90	239.70	1,674.70	2,277.20	240.10	133.50	538.00	340.00	505.20		7,528.60
Ukraine	25,295.10	17,032.10	636.50	1,150.20	1,240.00	1,558.80	1,678.90	54.20	190.90	190.90	508.10	184.50	272.00		529.80
United Kingdom	25,454.00	3,902.80	551.40	3,127.90	2,621.40	13.20	2,620.80	718.50	1,629.30	964.30	1,742.60	0.00	633.40		6,928.30
Kosovo	239.40	70.40	24.30	1.40	53.80	0.00	55.20	0.00	0.20	0.00	1.30	0.00	0.00		32.80

Appendix B

EU Industry Sub-Sectors with NACE rev.2 Codes

All statistics under Appendix B are taken from the European Commission’s Eurostat database [10] except the statistics of Turkey which are partially taken from the Turkish Statistical Institute [15]. Flag & Value Definitions are given below [see Table B.1].

Table B.1: FLAG & VALUE DEFINITIONS

Flag & Value Definitions	
:	not available
b	break in time series
c	confidential
d	definition differs, see metadata
e	estimated
f	forecast
i	see metadata (phased out)
n	not significant
p	provisional
r	revised
s	Eurostat estimate (phased out)
u	low reliability
z	not applicable

Table B.2: EUROSTAT INDUSTRY PRODCOM CODES

Indicator	NACE rev.2 Divisions	Description of the Class	PRODCOM Code(s)	ISIC Rev. 4 Reference
B_101800	Industry			
B_101805	Iron and Steel			
	24.1	Manufacture of basic iron and steel and of ferro-alloys	24.10.11.00 to 24.10.75.00	241
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	24.20.11.10 to 24.20.40.75	241
	24.3	Manufacture of other products of first processing of steel	24.31.10.10 to 24.34.13.00	241
	24.51	Casting of iron	24.51.11.10 to 24.51.30.50	2431
	24.52	Casting of steel	24.52.10.10 to 24.52.30.00	2431
B_101810	Non-Ferrous Metals			
	24.4	Manufacture of basic precious and other non-ferrous metals	24.41.10.30 to 24.45.30.57	242
	24.53	Casting of light metals	24.53.10.10 to 24.53.10.90	2432
	24.54	Casting of other non-ferrous metals	24.54.10.10 to 24.54.10.90	2432
B_101815	Chemical and Petrochemical			
	20	Manufacture of chemicals and chemical products	20.11.11.20 to 20.60.24.00	20
B_101820	Non-Metallic Minerals			
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	21.10.10.30 to 21.20.24.60	21
B_101825	Mining and Quarrying			
	23	Manufacture of other non-metallic mineral products	23.11.11.10 to 23.99.19.90	23
	07.10	Mining of iron ores	07.10.10.00	0710
	07.29	Mining of other non-ferrous metal ores	07.29.11.00 to 07.29.19.00	0729
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	08.11.11.33 to 08.11.40.00	0810
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	08.12.11.50 to 08.12.22.50	0810
	08.91	Mining of chemical and fertiliser minerals	08.91.11.00 to 08.91.19.00	0891
	08.93	Extraction of salt	08.93.10.00	0893
	08.99	Other mining and quarrying n.e.c.	08.99.10.00 to 08.99.29.00	0899
	09.90	Support activities for other mining and quarrying	Data not available	0990
B_101830	Food and Tobacco			
	10	Manufacture of food products	10.11.11.40 to 10.92.10.60	10
	11	Manufacture of beverages	11.01.10.20 to 11.07.19.70	11
	12	Manufacture of tobacco products	12.00.11.30 to 12.00.19.90	12
B_101835	Textile and Leather			
	13	Manufacture of textiles	13.10.10.00 to 13.99.19.00	13
	14	Manufacture of wearing apparel	14.11.10.00 to 14.39.10.90	14
	15	Manufacture of leather and related products	15.11.10.30 to 15.20.40.80	15
B_101840	Paper, Pulp and Print			
	17	Manufacture of paper and paper products	17.11.11.00 to 17.29.19.85	17
	18	Printing and reproduction of recorded media	18.11.10.00 to 18.20.30.70	18
B_101846	Transport Equipment			
	29	Manufacture of motor vehicles, trailers and semi-trailers	29.10.11.00 to 29.32.30.90	29
	30	Manufacture of other transport equipment	30.11.21.30 to 30.99.10.00	30
B_101847	Machinery			
	25	Manufacture of fabricated metal products, except machinery and equipment	25.11.10.30 to 25.99.29.95	25
	26	Manufacture of computer, electronic and optical products	26.11.11.00 to 26.80.14.00	26
	27	Manufacture of electrical equipment	27.11.10.10 to 27.90.82.00	27
	28	Manufacture of machinery and equipment n.e.c.	28.11.11.00 to 28.99.52.80	28
B_101851	Wood and Wood Products			
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	16.10.10.10 to 16.29.25.00	16
B_101852	Construction			
	41	Construction of buildings	41.00.11 to 41.00.49	41
	42	Civil engineering	42.11.10 to 42.99.29	42
	43	Specialised construction activities	43.11.10 to 43.99.90	43
B_101853	Non-specified (Industry)			
	22	Manufacture of rubber and plastic products	22.11.11.00 to 22.29.91.97	22
	31	Manufacture of furniture	31.00.11.50 to 31.09.14.50	31
	32	Other manufacturing	32.11.10.00 to 32.99.59.90	32

Table B.3: BELGIUM - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or	Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry	Total	264,013.80	25,751.20				
B_101805	Iron and Steel	Total	9,416.60	205.30				
	24.1	Manufacture of basic iron and steel and of ferro-alloys	7,972.30	73.70				
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	128.00	12.40				
	24.3	Manufacture of other products of first processing of steel	973.30	104.40				
	24.51	Casting of iron	185.40	8.70				
	24.52	Casting of steel	157.60	6.10				
B_101810	Non-Ferrous Metals	Total	8,173.70	327.80				
	24.4	Manufacture of basic precious and other non-ferrous metals	8,097.40	324.50				
	24.53	Casting of light metals	36.70	2.20				
	24.54	Casting of other non-ferrous metals	39.60	1.10				
B_101815	Chemical and Petrochemical	Total	50,114.50	7,588.20				
	20	Manufacture of chemicals and chemical products	36,001.20	3,458.10				
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	14,113.30	4,130.10				
B_101820	Non-Metallic Minerals	Total	8,268.90	636.40				
	23	Manufacture of other non-metallic mineral products	8,268.90	636.40				
B_101825	Mining and Quarrying	Total	824.70	115.00				
	07.10	Mining of iron ores	0.00	0.00				
	07.29	Mining of other non-ferrous metal ores	0.00	0.00				
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	539.10	87.60				
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	285.60	27.40				
	08.91	Mining of chemical and fertiliser minerals	:	:	c			c
	08.93	Extraction of salt	0.00	0.00				
	08.99	Other mining and quarrying n.e.c.	:	:	c			c
	09.90	Support activities for other mining and quarrying	:	:	c			c
B_101830	Food and Tobacco	Total	45,669.40	3,444.60				
	10	Manufacture of food products	40,628.40	2,514.90				
	11	Manufacture of beverages	4,598.90	846.30				
	12	Manufacture of tobacco products	442.10	83.40				
B_101835	Textile and Leather	Total	5,314.80	464.20				
	13	Manufacture of textiles	4,181.50	328.90				
	14	Manufacture of wearing apparel	677.50	84.50				
	15	Manufacture of leather and related products	455.80	50.80				
B_101840	Paper, Pulp and Print	Total	8,789.10	798.40				
	17	Manufacture of paper and paper products	5,534.10	441.70				
	18	Printing and reproduction of recorded media	3,255.00	356.70				
B_101846	Transport Equipment	Total	19,294.80	724.20				
	29	Manufacture of motor vehicles, trailers and semi-trailers	17,357.70	402.20				
	30	Manufacture of other transport equipment	1,937.10	322.00				
B_101847	Machinery	Total	30,876.80	3,430.30				
	25	Manufacture of fabricated metal products, except machinery and equipment	12,043.90	1,060.00				
	26	Manufacture of computer, electronic and optical products	3,311.60	502.20				
	27	Manufacture of electrical equipment	4,010.10	525.20				
	28	Manufacture of machinery and equipment n.e.c.	11,511.20	1,342.90				
B_101851	Wood and Wood Products	Total	3,278.10	252.60				
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3,278.10	252.60				
B_101852	Construction	Total	62,065.00	6,681.10				
	41	Construction of buildings	23,316.20	2,122.60				
	42	Civil engineering	9,210.70	875.70				
	43	Specialised construction activities	29,538.10	3,682.80				
B_101853	Non-specified (Industry)	Total	11,927.40	1,083.10				
	22	Manufacture of rubber and plastic products	7,226.40	662.50				
	31	Manufacture of furniture	2,323.40	205.10				
	32	Other manufacturing	2,377.60	215.50				

Table B.4: BULGARIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	31,394.00		3,265.60	
B_101805	Iron and Steel	Total	754.20		23.10	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	551.10		11.30	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	78.10		5.40	
	24.3	Manufacture of other products of first processing of steel	38.20		-2.00	
	24.51	Casting of iron	71.40		6.40	
	24.52	Casting of steel	15.40		2.00	
B_101810	Non-Ferrous Metals	Total	3,130.30		176.40	
	24.4	Manufacture of basic precious and other non-ferrous metals	3,116.50		173.40	
	24.53	Casting of light metals	10.20		2.40	
	24.54	Casting of other non-ferrous metals	3.60		0.60	
B_101815	Chemical and Petrochemical	Total	1,407.10		204.70	
	20	Manufacture of chemicals and chemical products	1,407.10	c	204.70	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	:		:	c
B_101820	Non-Metallic Minerals	Total	1,277.80		224.60	
	23	Manufacture of other non-metallic mineral products	1,277.80		224.60	
B_101825	Mining and Quarrying	Total	150.00		28.20	
	07.10	Mining of iron ores	:	c	:	c
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	30.50		5.10	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	98.50		22.60	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	8.40		:	c
	08.99	Other mining and quarrying n.e.c.	:	c	0.50	
	09.90	Support activities for other mining and quarrying	12.60		:	c
B_101830	Food and Tobacco	Total	5,764.30		506.50	
	10	Manufacture of food products	4,057.40		367.70	
	11	Manufacture of beverages	886.90		105.40	
	12	Manufacture of tobacco products	820.00		33.40	
B_101835	Textile and Leather	Total	1,929.10		234.60	
	13	Manufacture of textiles	427.40		50.20	
	14	Manufacture of wearing apparel	1,334.70		162.50	
	15	Manufacture of leather and related products	167.00		21.90	
B_101840	Paper, Pulp and Print	Total	872.20		138.30	
	17	Manufacture of paper and paper products	513.80		76.40	
	18	Printing and reproduction of recorded media	358.40		61.90	
B_101846	Transport Equipment	Total	1,056.40		126.50	
	29	Manufacture of motor vehicles, trailers and semi-trailers	794.80		96.10	
	30	Manufacture of other transport equipment	261.60		30.40	
B_101847	Machinery	Total	4,609.90		654.40	
	25	Manufacture of fabricated metal products, except machinery and equipment	1,618.00		251.90	
	26	Manufacture of computer, electronic and optical products	377.40		88.70	
	27	Manufacture of electrical equipment	1,254.50		126.90	
	28	Manufacture of machinery and equipment n.e.c.	1,360.00		186.90	
B_101851	Wood and Wood Products	Total	483.80		51.50	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	483.80		51.50	
B_101852	Construction	Total	7,924.50		618.10	
	41	Construction of buildings	2,342.80		195.90	
	42	Civil engineering	3,962.70		227.50	
	43	Specialised construction activities	1,619.00		194.70	
B_101853	Non-specified (Industry)	Total	2,034.40		278.70	
	22	Manufacture of rubber and plastic products	1,253.50		154.90	
	31	Manufacture of furniture	497.30		59.30	
	32	Other manufacturing	283.60		64.50	

Table B.5: CZECH REPUBLIC - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	164,753.40		18,577.60	
B_101805	Iron and Steel	Total	5,314.70		505.40	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	3,808.40		317.70	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	837.80		135.00	
	24.3	Manufacture of other products of first processing of steel	668.50		52.70	
	24.51	Casting of iron	:	u	:	u
	24.52	Casting of steel	:	u	:	u
B_101810	Non-Ferrous Metals	Total	984.30		82.70	
	24.4	Manufacture of basic precious and other non-ferrous metals	984.30		82.70	
	24.53	Casting of light metals	:	u	:	u
	24.54	Casting of other non-ferrous metals	:	u	:	u
B_101815	Chemical and Petrochemical	Total	8,075.70		1,034.90	
	20	Manufacture of chemicals and chemical products	6,775.60		791.90	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1,300.10		243.00	
B_101820	Non-Metallic Minerals	Total	4,907.90		783.60	
	23	Manufacture of other non-metallic mineral products	4,907.90		783.60	
B_101825	Mining and Quarrying	Total	0.00		0.00	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	:	u	:	u
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	:	u	:	u
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	:	u	:	u
	08.91	Mining of chemical and fertiliser minerals	:	cu	:	cu
	08.93	Extraction of salt	:	cu	:	cu
	08.99	Other mining and quarrying n.e.c.	:	u	:	u
	09.90	Support activities for other mining and quarrying	:	c	:	c
B_101830	Food and Tobacco	Total	13,233.30		1,233.10	
	10	Manufacture of food products	10,876.90		786.10	
	11	Manufacture of beverages	2,356.40		447.00	
	12	Manufacture of tobacco products	:	c	:	c
B_101835	Textile and Leather	Total	2,818.50		348.90	
	13	Manufacture of textiles	1,986.20		238.50	
	14	Manufacture of wearing apparel	616.70		88.40	
	15	Manufacture of leather and related products	215.60		22.00	
B_101840	Paper, Pulp and Print	Total	4,015.20		527.60	
	17	Manufacture of paper and paper products	2,574.60		310.10	
	18	Printing and reproduction of recorded media	1,440.60		217.50	
B_101846	Transport Equipment	Total	38,269.60		4,110.20	
	29	Manufacture of motor vehicles, trailers and semi-trailers	36,074.40		3,780.60	
	30	Manufacture of other transport equipment	2,195.20		329.60	
B_101847	Machinery	Total	44,764.90		5,034.80	
	25	Manufacture of fabricated metal products, except machinery and equipment	12,068.90		1,724.60	
	26	Manufacture of computer, electronic and optical products	10,765.20		674.60	
	27	Manufacture of electrical equipment	10,049.10		1,225.60	
	28	Manufacture of machinery and equipment n.e.c.	11,881.70		1,410.00	
B_101851	Wood and Wood Products	Total	3,244.60		428.60	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3,244.60		428.60	
B_101852	Construction	Total	25,390.50		2,525.40	
	41	Construction of buildings	9,051.70		621.30	
	42	Civil engineering	7,295.00		397.40	
	43	Specialised construction activities	9,043.80		1,506.70	
B_101853	Non-specified (Industry)	Total	13,734.20		1,962.40	
	22	Manufacture of rubber and plastic products	10,241.20		1,528.90	
	31	Manufacture of furniture	1,320.80		139.60	
	32	Other manufacturing	2,172.20		293.90	

Table B.6: DENMARK - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	123,284.60		13,951.80	
B_101805	Iron and Steel	Total	441.20	c	46.40	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	:		:	c
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	283.60		34.80	
	24.3	Manufacture of other products of first processing of steel	:	c	:	c
	24.51	Casting of iron	154.90		11.20	
	24.52	Casting of steel	2.70		0.40	
B_101810	Non-Ferrous Metals	Total	382.40		25.10	
	24.4	Manufacture of basic precious and other non-ferrous metals	283.20		17.30	
	24.53	Casting of light metals	78.20		6.10	
	24.54	Casting of other non-ferrous metals	21.00		1.70	
B_101815	Chemical and Petrochemical	Total	16,428.80		4,391.80	
	20	Manufacture of chemicals and chemical products	4,719.00		925.80	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	11,709.80		3,466.00	
B_101820	Non-Metallic Minerals	Total	2,959.80		330.20	
	23	Manufacture of other non-metallic mineral products	2,959.80		330.20	
B_101825	Mining and Quarrying	Total	265.50		37.70	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	43.20		6.60	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	211.50		32.70	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	:	c	:	c
	08.99	Other mining and quarrying n.e.c.	:	c	:	c
	09.90	Support activities for other mining and quarrying	10.80		-1.60	
B_101830	Food and Tobacco	Total	27,179.40		1,577.70	
	10	Manufacture of food products	24,349.20		1,281.70	
	11	Manufacture of beverages	1,470.20		247.10	
	12	Manufacture of tobacco products	1,360.00		48.90	
B_101835	Textile and Leather	Total	893.70		88.40	
	13	Manufacture of textiles	843.40		81.90	
	14	Manufacture of wearing apparel	:	c	:	c
	15	Manufacture of leather and related products	50.30		6.50	
B_101840	Paper, Pulp and Print	Total	2,416.10		203.70	
	17	Manufacture of paper and paper products	1,332.30		107.40	
	18	Printing and reproduction of recorded media	1,083.80		96.30	
B_101846	Transport Equipment	Total	1,475.30		119.10	
	29	Manufacture of motor vehicles, trailers and semi-trailers	918.70		77.50	
	30	Manufacture of other transport equipment	556.60		41.60	
B_101847	Machinery	Total	31,608.10		2,703.90	
	25	Manufacture of fabricated metal products, except machinery and equipment	6,477.30		604.40	
	26	Manufacture of computer, electronic and optical products	4,308.40		766.50	
	27	Manufacture of electrical equipment	2,855.20		302.60	
	28	Manufacture of machinery and equipment n.e.c.	17,967.20		1,030.40	
B_101851	Wood and Wood Products	Total	1,579.90		129.30	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,579.90		129.30	
B_101852	Construction	Total	28,316.20		2,206.00	
	41	Construction of buildings	7,582.00		392.20	
	42	Civil engineering	4,257.30		242.70	
	43	Specialised construction activities	16,476.90		1,571.10	
B_101853	Non-specified (Industry)	Total	9,338.20		2,092.50	
	22	Manufacture of rubber and plastic products	2,923.70		415.60	
	31	Manufacture of furniture	1,912.30		185.60	
	32	Other manufacturing	4,502.20		1,491.30	

Table B.7: GERMANY - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prms. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	2,097,366.50		165,638.10	
B_101805	Iron and Steel	Total	57,886.90		2,705.10	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	35,225.80		1,495.20	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	7,677.60		365.60	
	24.3	Manufacture of other products of first processing of steel	7,406.80		391.60	
	24.51	Casting of iron	6,303.70		400.70	
	24.52	Casting of steel	1,273.00		52.00	
B_101810	Non-Ferrous Metals	Total	40,830.70		1,322.00	
	24.4	Manufacture of basic precious and other non-ferrous metals	33,584.10		815.30	
	24.53	Casting of light metals	5,066.70		418.20	
	24.54	Casting of other non-ferrous metals	2,179.90		88.50	
B_101815	Chemical and Petrochemical	Total	211,993.90		21,094.50	
	20	Manufacture of chemicals and chemical products	162,298.90		13,431.70	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	49,695.00		7,662.80	
B_101820	Non-Metallic Minerals	Total	49,162.80		4,825.20	
	23	Manufacture of other non-metallic mineral products	49,162.80		4,825.20	
B_101825	Mining and Quarrying	Total	6,520.70		1,073.60	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	2,266.50		347.30	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	3,468.80		627.10	
	08.91	Mining of chemical and fertiliser minerals	48.40		7.50	
	08.93	Extraction of salt	516.60		57.30	
	08.99	Other mining and quarrying n.e.c.	220.40		34.40	
	09.90	Support activities for other mining and quarrying		c		c
B_101830	Food and Tobacco	Total	209,790.90		12,039.00	
	10	Manufacture of food products	171,065.50		9,614.00	
	11	Manufacture of beverages	20,811.40		1,725.80	
	12	Manufacture of tobacco products	17,914.00		699.20	
B_101835	Textile and Leather	Total	25,358.40		2,195.90	
	13	Manufacture of textiles	12,772.40		970.60	
	14	Manufacture of wearing apparel	9,358.40		1,000.20	
	15	Manufacture of leather and related products	3,227.60		225.10	
B_101840	Paper, Pulp and Print	Total	58,774.60		4,561.60	
	17	Manufacture of paper and paper products	39,824.10		2,898.90	
	18	Printing and reproduction of recorded media	18,950.50		1,662.70	
B_101846	Transport Equipment	Total	461,718.90		30,540.60	
	29	Manufacture of motor vehicles, trailers and semi-trailers	419,861.00		28,055.70	
	30	Manufacture of other transport equipment	41,857.90		2,484.90	
B_101847	Machinery	Total	572,669.80		46,851.20	
	25	Manufacture of fabricated metal products, except machinery and equipment	129,636.80		13,102.40	
	26	Manufacture of computer, electronic and optical products	71,418.90		7,071.40	
	27	Manufacture of electrical equipment	116,963.30		8,629.80	
	28	Manufacture of machinery and equipment n.e.c.	254,650.80		18,047.60	
B_101851	Wood and Wood Products	Total	25,201.40		1,706.50	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	25,201.40		1,706.50	
B_101852	Construction	Total	241,201.40		24,659.50	
	41	Construction of buildings	58,915.20		4,997.80	
	42	Civil engineering	29,515.20		2,384.20	
	43	Specialised construction activities	152,771.00		17,277.50	
B_101853	Non-specified (Industry)	Total	136,256.10		12,063.40	
	22	Manufacture of rubber and plastic products	82,454.30		6,003.50	
	31	Manufacture of furniture	20,587.50		1,673.40	
	32	Other manufacturing	33,214.30		4,386.50	

Table B.8: ESTONIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	14,850.60		1,163.90	
B_101805	Iron and Steel	Total	27.10		2.20	
	24.1	Manufacture of basic iron and steel and of ferro-alloys			0.00	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel			0.00	
	24.3	Manufacture of other products of first processing of steel		c	2.20	
	24.51	Casting of iron	:		:	c
	24.52	Casting of steel	:	c	:	c
B_101810	Non-Ferrous Metals	Total	0.00		0.00	
	24.4	Manufacture of basic precious and other non-ferrous metals	:		:	c
	24.53	Casting of light metals	:	c	:	c
	24.54	Casting of other non-ferrous metals	:	c	:	c
B_101815	Chemical and Petrochemical	Total	611.40		68.10	
	20	Manufacture of chemicals and chemical products	561.70		67.70	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	49.70		0.40	
B_101820	Non-Metallic Minerals	Total	441.10		36.60	
	23	Manufacture of other non-metallic mineral products	441.10		36.60	
B_101825	Mining and Quarrying	Total	47.70		8.10	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	:	c	:	c
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	45.10		7.70	
	08.91	Mining of chemical and fertiliser minerals	0.00		0.00	
	08.93	Extraction of salt	0.00		0.00	
	08.99	Other mining and quarrying n.e.c.	0.00		0.00	
	09.90	Support activities for other mining and quarrying	2.60		0.40	
B_101830	Food and Tobacco	Total	1,870.20		169.60	
	10	Manufacture of food products	1,597.00		129.80	
	11	Manufacture of beverages	273.20		39.80	
	12	Manufacture of tobacco products	0.00		0.00	
B_101835	Textile and Leather	Total	460.60		38.00	
	13	Manufacture of textiles	270.70		24.50	
	14	Manufacture of wearing apparel	155.50		11.80	
	15	Manufacture of leather and related products	34.40		1.70	
B_101840	Paper, Pulp and Print	Total	439.20		55.00	
	17	Manufacture of paper and paper products	213.80		25.40	
	18	Printing and reproduction of recorded media	225.40		29.60	
B_101846	Transport Equipment	Total	382.00		38.90	
	29	Manufacture of motor vehicles, trailers and semi-trailers	320.20		30.00	
	30	Manufacture of other transport equipment	61.80		8.90	
B_101847	Machinery	Total	3,858.30		237.20	
	25	Manufacture of fabricated metal products, except machinery and equipment	1,125.30		86.00	
	26	Manufacture of computer, electronic and optical products	1,821.20		65.10	
	27	Manufacture of electrical equipment	572.10		53.20	
	28	Manufacture of machinery and equipment n.e.c.	339.70		32.90	
B_101851	Wood and Wood Products	Total	1,851.90		186.30	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,851.90		186.30	
B_101852	Construction	Total	3,910.40		250.10	
	41	Construction of buildings	1,607.20		77.00	
	42	Civil engineering	1,034.70		73.30	
	43	Specialised construction activities	1,268.50		99.80	
B_101853	Non-specified (Industry)	Total	950.70		73.80	
	22	Manufacture of rubber and plastic products	353.20		31.90	
	31	Manufacture of furniture	454.70		26.50	
	32	Other manufacturing	142.80		15.40	

Table B.9: IRELAND - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or	Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry	Total	127,256.80	335.10		28,709.00	43.50	
B_101805	Iron and Steel	Total						
	24.1	Manufacture of basic iron and steel and of ferro-alloys		105.20	b		13.30	b
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		100.00	b		15.90	b
	24.3	Manufacture of other products of first processing of steel		114.60	b		9.80	b
	24.51	Casting of iron		7.90	b		2.50	b
	24.52	Casting of steel		7.40	b		2.00	b
B_101810	Non-Ferrous Metals	Total	372.80	372.80	b	32.90	32.90	b
	24.4	Manufacture of basic precious and other non-ferrous metals			bc			bc
	24.53	Casting of light metals			bc			bc
	24.54	Casting of other non-ferrous metals			bc			bc
B_101815	Chemical and Petrochemical	Total	50,466.60	8,539.60	b	13,902.30	2,505.60	b
	20	Manufacture of chemicals and chemical products		41,927.00	b	11,396.70	1,396.70	b
B_101820	Non-Metallic Minerals	Total	1,623.70	1,623.70	b	192.10	192.10	b
	23	Manufacture of other non-metallic mineral products		1,623.70	b	192.10	192.10	b
B_101825	Mining and Quarrying	Total	165.80	165.80	b	17.00	17.00	b
	07.10	Mining of iron ores		0.00	b		0.00	b
	07.29	Mining of other non-ferrous metal ores			bc			bc
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		137.00	b	14.30	14.30	b
	08.12	Operation of gravel and sand pits; mining of clays and kaolin			bc			bc
	08.91	Mining of chemical and fertiliser minerals		0.00	b		0.00	b
	08.93	Extraction of salt		0.00	b		0.00	b
	08.99	Other mining and quarrying n.e.c.		17.80	b	1.60	1.60	b
	09.90	Support activities for other mining and quarrying		11.00	b	1.10	1.10	b
B_101830	Food and Tobacco	Total	26,485.30	23,063.40	b	6,708.20	5,894.70	b
	10	Manufacture of food products		3,421.90	b	873.50		b
	11	Manufacture of beverages			bc			bc
	12	Manufacture of tobacco products						
B_101835	Textile and Leather	Total	419.70	419.70	b	72.10	39.00	b
	13	Manufacture of textiles		266.60	b		27.10	b
	14	Manufacture of wearing apparel		121.50	b		6.00	b
	15	Manufacture of leather and related products		31.60	b			b
B_101840	Paper, Pulp and Print	Total	1,543.70	1,543.70	b	241.10	38.70	b
	17	Manufacture of paper and paper products		489.70	b		202.40	b
	18	Printing and reproduction of recorded media		1,054.00	b		7.00	b
B_101846	Transport Equipment	Total	58.90	58.90	bc			bc
	29	Manufacture of motor vehicles, trailers and semi-trailers			b		7.00	b
	30	Manufacture of other transport equipment		58.90	b			b
B_101847	Machinery	Total	16,991.30	16,991.30	b	2,498.10	363.80	b
	25	Manufacture of fabricated metal products, except machinery and equipment		2,031.80	b		1,528.70	b
	26	Manufacture of computer, electronic and optical products		11,387.40	b		123.50	b
	27	Manufacture of electrical equipment		878.40	b		482.10	b
	28	Manufacture of machinery and equipment n.e.c.		2,693.70	b		115.10	b
B_101851	Wood and Wood Products	Total	866.50	866.50	b	115.10	115.10	b
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials						
B_101852	Construction	Total	14,208.20	14,208.20	b	1,733.30	497.10	b
	41	Construction of buildings		6,194.90	b		190.30	b
	42	Civil engineering		1,177.40	b		1,045.90	b
	43	Specialised construction activities		6,835.90	b		3,086.30	b
B_101853	Non-specified (Industry)	Total	13,719.20	13,719.20	b	226.50	88.80	b
	22	Manufacture of rubber and plastic products		1,527.10	b			b
	31	Manufacture of furniture		625.90	b			b
	32	Other manufacturing		11,566.20	b		2,771.00	b

Table B.10: GREECE - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or	Grs.Prims. Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry	Total	46,654.00	7,426.90				
B_101805	Iron and Steel	Total	1,528.90	60.00				
	24.1	Manufacture of basic iron and steel and of ferro-alloys	545.80	-1.00				
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	347.80	12.20				
	24.3	Manufacture of other products of first processing of steel	275.00	24.60				
	24.51	Casting of iron	333.00	21.80				
	24.52	Casting of steel	27.30	2.40				
B_101810	Non-Ferrous Metals	Total	2,680.00	335.70				
	24.4	Manufacture of basic precious and other non-ferrous metals	2,611.90	324.50				
	24.53	Casting of light metals	29.30	5.20				
	24.54	Casting of other non-ferrous metals	38.80	6.00				
B_101815	Chemical and Petrochemical	Total	3,312.70	729.90				
	20	Manufacture of chemicals and chemical products	2,172.30	438.30				
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1,140.40	291.60				
B_101820	Non-Metallic Minerals	Total	1,815.70	462.70				
	23	Manufacture of other non-metallic mineral products	1,815.70	462.70				
B_101825	Mining and Quarrying	Total	388.10	111.30				
	07.10	Mining of iron ores	:	:				
	07.29	Mining of other non-ferrous metal ores	:	:	c			c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	110.90	50.30				
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	277.20	61.00				
	08.91	Mining of chemical and fertiliser minerals	:	:	c			c
	08.93	Extraction of salt	:	:	c			c
	08.99	Other mining and quarrying n.e.c.	:	:	c			c
	09.90	Support activities for other mining and quarrying	:	:	c			c
B_101830	Food and Tobacco	Total	13,755.90	1,954.50				
	10	Manufacture of food products	11,503.50	1,492.20				
	11	Manufacture of beverages	1,734.20	330.30				
	12	Manufacture of tobacco products	518.20	132.00				
B_101835	Textile and Leather	Total	1,589.10	154.30				
	13	Manufacture of textiles	613.80	64.70				
	14	Manufacture of wearing apparel	882.40	86.10				
	15	Manufacture of leather and related products	92.90	3.50				
B_101840	Paper, Pulp and Print	Total	1,722.90	236.10				
	17	Manufacture of paper and paper products	1,210.80	148.70				
	18	Printing and reproduction of recorded media	512.10	87.40				
B_101846	Transport Equipment	Total	324.50	34.30				
	29	Manufacture of motor vehicles, trailers and semi-trailers	159.30	15.90				
	30	Manufacture of other transport equipment	165.20	18.40				
B_101847	Machinery	Total	5,557.30	683.50				
	25	Manufacture of fabricated metal products, except machinery and equipment	3,024.30	512.50				
	26	Manufacture of computer, electronic and optical products	402.90	83.50				
	27	Manufacture of electrical equipment	1,169.30	108.30				
	28	Manufacture of machinery and equipment n.e.c.	960.80	-20.80				
B_101851	Wood and Wood Products	Total	313.50	0.30				
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	313.50	0.30				
B_101852	Construction	Total	11,081.70	2,302.40				
	41	Construction of buildings	4,416.80	849.10				
	42	Civil engineering	3,537.00	633.10				
	43	Specialised construction activities	3,127.90	820.20				
B_101853	Non-specified (Industry)	Total	2,583.70	361.90				
	22	Manufacture of rubber and plastic products	1,822.10	255.40				
	31	Manufacture of furniture	426.50	34.50				
	32	Other manufacturing	335.10	72.00				

Table B.11: SPAIN - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	502,741.20		44,663.30	
B_101805	Iron and Steel	Total	16,716.40		681.80	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	11,878.80		241.20	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	1,770.10		183.00	
	24.3	Manufacture of other products of first processing of steel	1,079.70		49.90	
	24.51	Casting of iron	1,409.00		140.40	
	24.52	Casting of steel	578.80		67.30	
B_101810	Non-Ferrous Metals	Total	12,829.50		880.30	
	24.4	Manufacture of basic precious and other non-ferrous metals	11,604.30		793.20	
	24.53	Casting of light metals	645.00		56.80	
	24.54	Casting of other non-ferrous metals	580.20		30.30	
B_101815	Chemical and Petrochemical	Total	51,785.20		5,955.60	
	20	Manufacture of chemicals and chemical products	38,081.60		3,196.40	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	13,703.60		2,759.20	
B_101820	Non-Metallic Minerals	Total	15,507.20		1,568.20	
	23	Manufacture of other non-metallic mineral products	15,507.20		1,568.20	
B_101825	Mining and Quarrying	Total	2,737.70		476.70	
	07.10	Mining of iron ores	6.50		-0.20	
	07.29	Mining of other non-ferrous metal ores	355.00		106.80	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	746.50		129.70	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	804.90		74.50	
	08.91	Mining of chemical and fertiliser minerals	457.30		92.00	
	08.93	Extraction of salt	169.40		37.40	
	08.99	Other mining and quarrying n.e.c.	198.10		36.50	
	09.90	Support activities for other mining and quarrying		c		c
B_101830	Food and Tobacco	Total	106,048.90		9,551.20	
	10	Manufacture of food products	89,515.50		7,037.10	
	11	Manufacture of beverages	15,616.30		2,178.10	
	12	Manufacture of tobacco products	917.10		336.00	
B_101835	Textile and Leather	Total	14,018.10		1,055.70	
	13	Manufacture of textiles	5,197.30		443.30	
	14	Manufacture of wearing apparel	4,429.40		244.10	
	15	Manufacture of leather and related products	4,391.40		368.30	
B_101840	Paper, Pulp and Print	Total	17,612.90		1,692.80	
	17	Manufacture of paper and paper products	11,954.80		1,010.50	
	18	Printing and reproduction of recorded media	5,658.10		682.30	
B_101846	Transport Equipment	Total	69,450.70		4,869.00	
	29	Manufacture of motor vehicles, trailers and semi-trailers	57,483.30		3,992.90	
	30	Manufacture of other transport equipment	11,967.40		876.10	
B_101847	Machinery	Total	65,041.90		6,408.50	
	25	Manufacture of fabricated metal products, except machinery and equipment	28,783.80		2,921.60	
	26	Manufacture of computer, electronic and optical products	3,489.70		351.20	
	27	Manufacture of electrical equipment	14,671.30		1,040.20	
	28	Manufacture of machinery and equipment n.e.c.	18,097.10		2,095.50	
B_101851	Wood and Wood Products	Total	5,407.50		385.10	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5,407.50		385.10	
B_101852	Construction	Total	98,546.30		8,187.50	
	41	Construction of buildings	48,729.90		3,142.30	
	42	Civil engineering	15,481.40		1,438.70	
	43	Specialised construction activities	34,335.00		3,606.50	
B_101853	Non-specified (Industry)	Total	27,038.90		2,950.90	
	22	Manufacture of rubber and plastic products	18,461.00		2,139.40	
	31	Manufacture of furniture	4,629.50		286.60	
	32	Other manufacturing	3,948.40		524.90	

Table B.12: FRANCE - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	1,082,226.10		59,899.60	
B_101805	Iron and Steel	Total	18,082.30		326.20	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	12,286.50	b	190.50	b
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	2,712.10	b	53.70	b
	24.3	Manufacture of other products of first processing of steel	2,151.00	b	46.10	b
	24.51	Casting of iron	905.20	b	29.80	b
	24.52	Casting of steel	627.50	b	6.10	b
B_101810	Non-Ferrous Metals	Total	9,988.10		520.20	
	24.4	Manufacture of basic precious and other non-ferrous metals	8,461.30	b	456.20	b
	24.53	Casting of light metals	1,098.60	b	40.20	b
	24.54	Casting of other non-ferrous metals	428.20	b	23.80	b
B_101815	Chemical and Petrochemical	Total	111,705.50		7,715.40	
	20	Manufacture of chemicals and chemical products	73,394.00	b	5,501.00	b
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	38,311.50	b	2,214.40	b
B_101820	Non-Metallic Minerals	Total	28,738.20		2,074.10	
	23	Manufacture of other non-metallic mineral products	28,738.20	b	2,074.10	b
B_101825	Mining and Quarrying	Total	5,825.80		517.70	
	07.10	Mining of iron ores	:	bc	:	bc
	07.29	Mining of other non-ferrous metal ores	:	bc	:	bc
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	575.00	b	22.40	b
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	4,721.10	b	536.90	b
	08.91	Mining of chemical and fertiliser minerals	79.70	b	-6.70	b
	08.93	Extraction of salt	234.70	b	-37.50	b
	08.99	Other mining and quarrying n.e.c.	197.00	b	4.10	b
	09.90	Support activities for other mining and quarrying	18.30	b	-1.50	b
B_101830	Food and Tobacco	Total	185,576.40		12,418.10	
	10	Manufacture of food products	156,836.60	b	8,719.70	b
	11	Manufacture of beverages	27,709.70	b	3,297.90	b
	12	Manufacture of tobacco products	1,030.10	b	400.50	b
B_101835	Textile and Leather	Total	22,917.50		1,717.30	
	13	Manufacture of textiles	7,290.50	b	216.10	b
	14	Manufacture of wearing apparel	9,646.90	b	599.10	b
	15	Manufacture of leather and related products	5,980.10	b	902.10	b
B_101840	Paper, Pulp and Print	Total	26,803.60		1,203.20	
	17	Manufacture of paper and paper products	17,898.90	b	796.00	b
	18	Printing and reproduction of recorded media	8,904.70	b	407.20	b
B_101846	Transport Equipment	Total	153,508.50		6,202.50	
	29	Manufacture of motor vehicles, trailers and semi-trailers	101,506.60	b	1,999.10	b
	30	Manufacture of other transport equipment	52,001.90	b	4,203.40	b
B_101847	Machinery	Total	161,053.10		9,081.40	
	25	Manufacture of fabricated metal products, except machinery and equipment	54,756.70	b	3,180.60	b
	26	Manufacture of computer, electronic and optical products	30,155.90	b	1,469.10	b
	27	Manufacture of electrical equipment	27,975.00	b	1,355.50	b
	28	Manufacture of machinery and equipment n.e.c.	48,165.50	b	3,076.20	b
B_101851	Wood and Wood Products	Total	12,128.80		534.40	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	12,128.80	b	534.40	b
B_101852	Construction	Total	288,852.70		13,862.20	
	41	Construction of buildings	74,037.20	b	2,952.30	b
	42	Civil engineering	41,697.70	b	488.50	b
	43	Specialised construction activities	173,117.80	b	10,421.40	b
B_101853	Non-specified (Industry)	Total	56,445.60		3,726.90	
	22	Manufacture of rubber and plastic products	34,631.90	b	2,139.00	b
	31	Manufacture of furniture	7,554.50	b	176.80	b
	32	Other manufacturing	14,259.20	b	1,411.10	b

Table B.13: CROATIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	21,096.10		2,384.40	
B_101805	Iron and Steel	Total	184.60		10.60	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	73.80		-6.10	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	27.50		4.10	
	24.3	Manufacture of other products of first processing of steel	7.40		0.70	
	24.51	Casting of iron	75.90		11.90	
	24.52	Casting of steel	:	c	:	c
B_101810	Non-Ferrous Metals	Total	180.20		6.60	
	24.4	Manufacture of basic precious and other non-ferrous metals	139.80		-0.70	
	24.53	Casting of light metals	40.40		7.30	
	24.54	Casting of other non-ferrous metals	:	c	:	c
B_101815	Chemical and Petrochemical	Total	1,441.10		174.20	
	20	Manufacture of chemicals and chemical products	753.90		16.30	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	687.20		157.90	
B_101820	Non-Metallic Minerals	Total	953.00		160.10	
	23	Manufacture of other non-metallic mineral products	953.00		160.10	
B_101825	Mining and Quarrying	Total	135.30		48.50	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	27.70		3.20	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	97.20		44.00	
	08.91	Mining of chemical and fertiliser minerals	0.00		0.00	
	08.93	Extraction of salt	10.40		1.30	
	08.99	Other mining and quarrying n.e.c.	:	c	:	c
	09.90	Support activities for other mining and quarrying	:	c	:	c
B_101830	Food and Tobacco	Total	5,226.00		483.10	
	10	Manufacture of food products	4,310.50		311.80	
	11	Manufacture of beverages	773.90		134.10	
	12	Manufacture of tobacco products	141.60		37.20	
B_101835	Textile and Leather	Total	1,159.40		90.40	
	13	Manufacture of textiles	296.10		30.00	
	14	Manufacture of wearing apparel	386.40		33.30	
	15	Manufacture of leather and related products	476.90		27.10	
B_101840	Paper, Pulp and Print	Total	925.80		104.20	
	17	Manufacture of paper and paper products	384.00		44.10	
	18	Printing and reproduction of recorded media	541.80		60.10	
B_101846	Transport Equipment	Total	559.30		-25.70	
	29	Manufacture of motor vehicles, trailers and semi-trailers	155.00		11.50	
	30	Manufacture of other transport equipment	404.30		-37.20	
B_101847	Machinery	Total	3,377.20		458.50	
	25	Manufacture of fabricated metal products, except machinery and equipment	1,426.90		233.10	
	26	Manufacture of computer, electronic and optical products	439.10		55.10	
	27	Manufacture of electrical equipment	809.40		83.60	
	28	Manufacture of machinery and equipment n.e.c.	701.80		86.70	
B_101851	Wood and Wood Products	Total	750.60		84.10	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	750.60		84.10	
B_101852	Construction	Total	5,062.50		680.30	
	41	Construction of buildings	2,063.20		192.30	
	42	Civil engineering	1,635.50		328.40	
	43	Specialised construction activities	1,363.80		159.60	
B_101853	Non-specified (Industry)	Total	1,141.10		109.50	
	22	Manufacture of rubber and plastic products	738.70		72.20	
	31	Manufacture of furniture	402.40		37.30	
	32	Other manufacturing	:	c	:	c

Table B.14: ITALY - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	984,959.30		91,592.20	
B_101805	Iron and Steel	Total	36,126.40		1,769.50	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	22,526.00		709.30	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	5,699.40		530.70	
	24.3	Manufacture of other products of first processing of steel	5,804.00		332.00	
	24.51	Casting of iron	1,579.50		148.70	
	24.52	Casting of steel	517.50		48.80	
B_101810	Non-Ferrous Metals	Total	17,825.10		786.30	
	24.4	Manufacture of basic precious and other non-ferrous metals	13,629.00		479.30	
	24.53	Casting of light metals	2,525.00		197.90	
	24.54	Casting of other non-ferrous metals	1,671.10		109.10	
B_101815	Chemical and Petrochemical	Total	75,165.30		7,828.20	
	20	Manufacture of chemicals and chemical products	50,163.90		4,085.60	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	25,001.40		3,742.60	
B_101820	Non-Metallic Minerals	Total	28,303.70		2,559.30	
	23	Manufacture of other non-metallic mineral products	28,303.70		2,559.30	
B_101825	Mining and Quarrying	Total	2,800.80		358.30	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	998.00		164.20	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	1,193.80		124.00	
	08.91	Mining of chemical and fertiliser minerals	8.80		-0.90	
	08.93	Extraction of salt	138.10		12.00	
	08.99	Other mining and quarrying n.e.c.	462.10		59.00	
	09.90	Support activities for other mining and quarrying	0.00		0.00	
B_101830	Food and Tobacco	Total	129,256.00		10,199.80	
	10	Manufacture of food products	111,423.80		8,405.90	
	11	Manufacture of beverages	17,697.80		1,769.60	
	12	Manufacture of tobacco products	134.40		24.30	
B_101835	Textile and Leather	Total	78,667.20		7,766.70	
	13	Manufacture of textiles	21,392.50		2,136.80	
	14	Manufacture of wearing apparel	28,244.20		2,493.00	
	15	Manufacture of leather and related products	29,030.50		3,136.90	
B_101840	Paper, Pulp and Print	Total	31,967.10		3,365.70	
	17	Manufacture of paper and paper products	21,901.40		2,108.40	
	18	Printing and reproduction of recorded media	10,065.70		1,257.30	
B_101846	Transport Equipment	Total	79,776.60		4,049.20	
	29	Manufacture of motor vehicles, trailers and semi-trailers	58,521.50		2,309.20	
	30	Manufacture of other transport equipment	21,255.10		1,740.00	
B_101847	Machinery	Total	243,118.70		25,028.70	
	25	Manufacture of fabricated metal products, except machinery and equipment	75,063.90		8,762.30	
	26	Manufacture of computer, electronic and optical products	19,245.30		1,697.30	
	27	Manufacture of electrical equipment	37,606.50		3,131.60	
	28	Manufacture of machinery and equipment n.e.c.	111,203.00		11,437.50	
B_101851	Wood and Wood Products	Total	13,146.10		1,321.10	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	13,146.10		1,321.10	
B_101852	Construction	Total	170,611.60		19,007.70	
	41	Construction of buildings	59,427.40		4,054.60	
	42	Civil engineering	22,856.50		1,484.30	
	43	Specialised construction activities	88,327.70		13,468.80	
B_101853	Non-specified (Industry)	Total	78,194.70		7,551.70	
	22	Manufacture of rubber and plastic products	42,098.30		3,944.40	
	31	Manufacture of furniture	19,861.90		1,605.80	
	32	Other manufacturing	16,234.50		2,001.50	

Table B.15: CYPRUS - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	4,433.00		442.70	
B_101805	Iron and Steel	Total	13.00		1.30	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	0.00		0.00	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	13.00		1.30	
	24.3	Manufacture of other products of first processing of steel	0.00		0.00	
	24.51	Casting of iron	0.00		0.00	
	24.52	Casting of steel	0.00		0.00	
B_101810	Non-Ferrous Metals	Total	40.20		7.50	
	24.4	Manufacture of basic precious and other non-ferrous metals	40.20		7.50	
	24.53	Casting of light metals	0.00		0.00	
	24.54	Casting of other non-ferrous metals	0.00		0.00	
B_101815	Chemical and Petrochemical	Total	275.50		43.90	
	20	Manufacture of chemicals and chemical products	70.20		7.50	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	205.30		36.40	
B_101820	Non-Metallic Minerals	Total	246.20		34.90	
	23	Manufacture of other non-metallic mineral products	246.20		34.90	
B_101825	Mining and Quarrying	Total	0.00		0.00	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	:	c	:	c
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	:	c	:	c
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	0.00		0.00	
	08.99	Other mining and quarrying n.e.c.	0.00		0.00	
	09.90	Support activities for other mining and quarrying	0.00		0.00	
B_101830	Food and Tobacco	Total	1,411.70		119.80	
	10	Manufacture of food products	1,298.40		102.50	
	11	Manufacture of beverages	113.30		17.30	
	12	Manufacture of tobacco products	:	c	:	c
B_101835	Textile and Leather	Total	33.50		0.60	
	13	Manufacture of textiles	19.70		1.20	
	14	Manufacture of wearing apparel	11.60		-0.60	
	15	Manufacture of leather and related products	2.20		0.00	
B_101840	Paper, Pulp and Print	Total	111.70		12.80	
	17	Manufacture of paper and paper products	48.60		6.00	
	18	Printing and reproduction of recorded media	63.10		6.80	
B_101846	Transport Equipment	Total	9.00		0.80	
	29	Manufacture of motor vehicles, trailers and semi-trailers	7.30		0.40	
	30	Manufacture of other transport equipment	1.70		0.40	
B_101847	Machinery	Total	250.70		28.50	
	25	Manufacture of fabricated metal products, except machinery and equipment	205.00		20.50	
	26	Manufacture of computer, electronic and optical products	:	c	:	c
	27	Manufacture of electrical equipment	:	c	:	c
	28	Manufacture of machinery and equipment n.e.c.	45.70		8.00	
B_101851	Wood and Wood Products	Total	87.70		5.60	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	87.70		5.60	
B_101852	Construction	Total	1,789.40		171.10	
	41	Construction of buildings	1,092.00		112.10	
	42	Civil engineering	248.20		19.70	
	43	Specialised construction activities	449.20		39.30	
B_101853	Non-specified (Industry)	Total	164.40		15.90	
	22	Manufacture of rubber and plastic products	81.50		7.40	
	31	Manufacture of furniture	47.00		5.20	
	32	Other manufacturing	35.90		3.30	

Table B.16: LATVIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or	Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry	Total		11,335.80			1,174.20	
B_101805	Iron and Steel	Total		0.00			0.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	:		c	:		c
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	:		c	:		c
	24.3	Manufacture of other products of first processing of steel	:		c	:		c
	24.51	Casting of iron	:		c	:		c
	24.52	Casting of steel		0.00			0.00	
B_101810	Non-Ferrous Metals	Total		95.00			6.30	
	24.4	Manufacture of basic precious and other non-ferrous metals		95.00			6.30	
	24.53	Casting of light metals	:		c	:		c
	24.54	Casting of other non-ferrous metals		0.00			0.00	
B_101815	Chemical and Petrochemical	Total		223.00			17.30	
	20	Manufacture of chemicals and chemical products		223.00			17.30	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	:		c	:		c
B_101820	Non-Metallic Minerals	Total		473.30			75.60	
	23	Manufacture of other non-metallic mineral products		473.30			75.60	
B_101825	Mining and Quarrying	Total		67.30			11.10	
	07.10	Mining of iron ores		0.00			0.00	
	07.29	Mining of other non-ferrous metal ores		0.00			0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	:		c	:		c
	08.12	Operation of gravel and sand pits; mining of clays and kaolin		67.30			11.10	
	08.91	Mining of chemical and fertiliser minerals	:		c	:		c
	08.93	Extraction of salt		0.00			0.00	
	08.99	Other mining and quarrying n.e.c.	:		c	:		c
	09.90	Support activities for other mining and quarrying	:		c	:		c
B_101830	Food and Tobacco	Total		1,834.50			173.30	
	10	Manufacture of food products		1595.40			137.60	
	11	Manufacture of beverages		239.10			35.70	
	12	Manufacture of tobacco products	:		c	:		c
B_101835	Textile and Leather	Total		276.60			26.00	
	13	Manufacture of textiles		110.70			11.70	
	14	Manufacture of wearing apparel		159.40			13.30	
	15	Manufacture of leather and related products		6.50			1.00	
B_101840	Paper, Pulp and Print	Total		322.20			46.60	
	17	Manufacture of paper and paper products		117.80			18.20	
	18	Printing and reproduction of recorded media		204.40			28.40	
B_101846	Transport Equipment	Total		200.20			35.10	
	29	Manufacture of motor vehicles, trailers and semi-trailers		139.80			23.80	
	30	Manufacture of other transport equipment		60.40			11.30	
B_101847	Machinery	Total		1,178.10			161.80	
	25	Manufacture of fabricated metal products, except machinery and equipment		589.70			64.60	
	26	Manufacture of computer, electronic and optical products		209.40			48.00	
	27	Manufacture of electrical equipment		195.80			25.90	
	28	Manufacture of machinery and equipment n.e.c.		183.20			23.30	
B_101851	Wood and Wood Products	Total		1,978.80			252.50	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		1978.80			252.50	
B_101852	Construction	Total		4,177.20			322.30	
	41	Construction of buildings		1845.70			129.10	
	42	Civil engineering		1272.20			88.10	
	43	Specialised construction activities		1059.30			105.10	
B_101853	Non-specified (Industry)	Total		509.60			46.30	
	22	Manufacture of rubber and plastic products		199.20			18.00	
	31	Manufacture of furniture		246.00			18.80	
	32	Other manufacturing		64.40			8.90	

Table B.17: LITHUANIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Total	Turnover or Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry		Total	18,781.50			1,820.50	
B_101805	Iron and Steel		Total	54.40			1.30	
	24.1	Manufacture of basic iron and steel and of ferro-alloys		0.00			0.00	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		:	c		:	c
	24.3	Manufacture of other products of first processing of steel		54.40			1.30	
	24.51	Casting of iron		:	c		:	c
	24.52	Casting of steel		:	c		:	c
B_101810	Non-Ferrous Metals		Total	5.90			-0.70	
	24.4	Manufacture of basic precious and other non-ferrous metals		:	c		:	c
	24.53	Casting of light metals		1.20			0.20	
	24.54	Casting of other non-ferrous metals		4.70			-0.90	
B_101815	Chemical and Petrochemical		Total	2,060.00			167.30	
	20	Manufacture of chemicals and chemical products		1,883.20			115.70	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations		176.80			51.60	
B_101820	Non-Metallic Minerals		Total	525.90			72.50	
	23	Manufacture of other non-metallic mineral products		525.90			72.50	
B_101825	Mining and Quarrying		Total	102.00			20.80	
	07.10	Mining of iron ores		0.00			0.00	
	07.29	Mining of other non-ferrous metal ores		0.00			0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		6.50			1.30	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin		95.50			19.30	
	08.91	Mining of chemical and fertiliser minerals		0.00			0.00	
	08.93	Extraction of salt		0.00			0.00	
	08.99	Other mining and quarrying n.e.c.		0.00			0.00	
	09.90	Support activities for other mining and quarrying		0.00			0.00	
B_101830	Food and Tobacco		Total	4,237.20			308.30	
	10	Manufacture of food products		3,680.30			235.10	
	11	Manufacture of beverages		556.90			73.20	
	12	Manufacture of tobacco products		:	c		:	c
B_101835	Textile and Leather		Total	773.50			80.60	
	13	Manufacture of textiles		345.70			39.70	
	14	Manufacture of wearing apparel		404.90			38.90	
	15	Manufacture of leather and related products		22.90			2.00	
B_101840	Paper, Pulp and Print		Total	609.30			87.20	
	17	Manufacture of paper and paper products		392.00			59.30	
	18	Printing and reproduction of recorded media		217.30			27.90	
B_101846	Transport Equipment		Total	380.40			27.90	
	29	Manufacture of motor vehicles, trailers and semi-trailers		243.30			23.50	
	30	Manufacture of other transport equipment		137.10			4.40	
B_101847	Machinery		Total	1,553.70			185.20	
	25	Manufacture of fabricated metal products, except machinery and equipment		639.80			78.20	
	26	Manufacture of computer, electronic and optical products		213.00			26.30	
	27	Manufacture of electrical equipment		311.10			30.50	
	28	Manufacture of machinery and equipment n.e.c.		389.80			50.20	
B_101851	Wood and Wood Products		Total	1,064.20			112.00	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		1,064.20			112.00	
B_101852	Construction		Total	4,920.40			492.50	
	41	Construction of buildings		2,126.80			185.20	
	42	Civil engineering		1,423.70			141.20	
	43	Specialised construction activities		1,369.90			166.10	
B_101853	Non-specified (Industry)		Total	2,494.60			265.60	
	22	Manufacture of rubber and plastic products		857.60			101.70	
	31	Manufacture of furniture		1,396.40			130.00	
	32	Other manufacturing		240.60			33.90	

Table B.18: LUXEMBOURG - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B 101800	Industry	Total	11,169.70		848.80	
B 101805	Iron and Steel	Total	0.00		0.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	:	c	:	c
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel				
	24.3	Manufacture of other products of first processing of steel	:	c	:	c
	24.51	Casting of iron				
	24.52	Casting of steel				
B 101810	Non-Ferrous Metals	Total	0.00		0.00	
	24.4	Manufacture of basic precious and other non-ferrous metals	:	c	:	c
	24.53	Casting of light metals				
	24.54	Casting of other non-ferrous metals				
B 101815	Chemical and Petrochemical	Total	307.10		32.70	
	20	Manufacture of chemicals and chemical products				
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	:	c	:	c
B 101820	Non-Metallic Minerals	Total	673.20		45.90	
	23	Manufacture of other non-metallic mineral products				
B 101825	Mining and Quarrying	Total	0.00		0.00	
	07.10	Mining of iron ores				
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate				
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	:	c	:	c
	08.91	Mining of chemical and fertiliser minerals				
	08.93	Extraction of salt				
	08.99	Other mining and quarrying n.e.c.				
	09.90	Support activities for other mining and quarrying				
B 101830	Food and Tobacco	Total	970.50		78.90	
	10	Manufacture of food products	800.50		47.50	
	11	Manufacture of beverages	170.00		31.40	
	12	Manufacture of tobacco products	:	c	:	c
B 101835	Textile and Leather	Total	0.00		0.00	
	13	Manufacture of textiles	:	c	:	c
	14	Manufacture of wearing apparel	:	c	:	c
	15	Manufacture of leather and related products				
B 101840	Paper, Pulp and Print	Total	112.90		11.20	
	17	Manufacture of paper and paper products	:	c	:	c
	18	Printing and reproduction of recorded media				
B 101846	Transport Equipment	Total	112.90		11.20	
	29	Manufacture of motor vehicles, trailers and semi-trailers	:	c	:	c
	30	Manufacture of other transport equipment	:	c	:	c
B 101847	Machinery	Total	1,950.60		171.00	
	25	Manufacture of fabricated metal products, except machinery and equipment	739.00		49.60	
	26	Manufacture of computer, electronic and optical products	:	c	:	c
	27	Manufacture of electrical equipment				
	28	Manufacture of machinery and equipment n.e.c.	1,109.10		119.00	
B 101851	Wood and Wood Products	Total	193.40		8.50	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	193.40		8.50	
B 101852	Construction	Total	6,887.90		496.10	
	41	Construction of buildings	3,001.10		224.30	
	42	Civil engineering	815.40		84.10	
	43	Specialised construction activities	3,071.40		187.70	
B 101853	Non-specified (Industry)	Total	74.10		4.50	
	22	Manufacture of rubber and plastic products	:	c	:	c
	31	Manufacture of furniture	19.50		0.70	
	32	Other manufacturing	54.60		3.80	

Table B.19: HUNGARY - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	102,575.10		11,954.00	
B_101805	Iron and Steel	Total	1,314.20		24.60	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	985.40		-14.20	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	18.40		1.20	
	24.3	Manufacture of other products of first processing of steel	210.70		26.90	
	24.51	Casting of iron	72.50		7.50	
	24.52	Casting of steel	27.20		3.20	
B_101810	Non-Ferrous Metals	Total	1,417.40		174.80	
	24.4	Manufacture of basic precious and other non-ferrous metals	1,097.20		131.00	
	24.53	Casting of light metals	303.30		42.10	
	24.54	Casting of other non-ferrous metals	16.90		1.70	
B_101815	Chemical and Petrochemical	Total	8,975.70		1,400.40	
	20	Manufacture of chemicals and chemical products	5,936.00		672.30	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	3,039.70		728.10	
B_101820	Non-Metallic Minerals	Total	2,119.80		332.60	
	23	Manufacture of other non-metallic mineral products	2,119.80		332.60	
B_101825	Mining and Quarrying	Total	265.90		57.90	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	4.10		1.10	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	92.80		23.80	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	162.00		31.70	
	08.91	Mining of chemical and fertiliser minerals	0.00		0.00	
	08.93	Extraction of salt	:	c	:	c
	08.99	Other mining and quarrying n.e.c.	1.60		0.20	
	09.90	Support activities for other mining and quarrying	5.40		1.10	
B_101830	Food and Tobacco	Total	11,643.30		925.90	
	10	Manufacture of food products	9,332.20		746.90	
	11	Manufacture of beverages	1,821.50		152.50	
	12	Manufacture of tobacco products	489.60		26.50	
B_101835	Textile and Leather	Total	1,435.10		139.80	
	13	Manufacture of textiles	454.90		48.30	
	14	Manufacture of wearing apparel	389.40		45.80	
	15	Manufacture of leather and related products	590.80		45.70	
B_101840	Paper, Pulp and Print	Total	2,387.70		297.00	
	17	Manufacture of paper and paper products	1,483.70		207.70	
	18	Printing and reproduction of recorded media	904.00		89.30	
B_101846	Transport Equipment	Total	23,193.10		2,455.50	
	29	Manufacture of motor vehicles, trailers and semi-trailers	22,560.30		2,346.90	
	30	Manufacture of other transport equipment	632.80		108.60	
B_101847	Machinery	Total	28,872.90		3,685.50	
	25	Manufacture of fabricated metal products, except machinery and equipment	4,230.70		538.90	
	26	Manufacture of computer, electronic and optical products	10,634.60		909.40	
	27	Manufacture of electrical equipment	4,203.20		426.80	
	28	Manufacture of machinery and equipment n.e.c.	9,804.40		1,810.40	
B_101851	Wood and Wood Products	Total	884.80		84.20	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	884.80		84.20	
B_101852	Construction	Total	13,043.90		1,409.20	
	41	Construction of buildings	4,291.80		363.40	
	42	Civil engineering	4,726.40		552.20	
	43	Specialised construction activities	4,025.70		493.60	
B_101853	Non-specified (Industry)	Total	7,021.30		966.60	
	22	Manufacture of rubber and plastic products	5,158.50		723.60	
	31	Manufacture of furniture	657.10		53.00	
	32	Other manufacturing	1,205.70		190.00	

Table B.20: MALTA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Total	Turnover or	Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry		Total		1,462.40			259.30	
B_101805	Iron and Steel		Total		0.00			0.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys		:		u	:		u
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		:		c	:		c
	24.3	Manufacture of other products of first processing of steel			0.00			0.00	
	24.51	Casting of iron		:		cu	:		cu
	24.52	Casting of steel			0.00			0.00	
B_101810	Non-Ferrous Metals		Total		0.00			0.00	
	24.4	Manufacture of basic precious and other non-ferrous metals		:		c	:		c
	24.53	Casting of light metals			0.00			0.00	
	24.54	Casting of other non-ferrous metals		:		cu	:		cu
B_101815	Chemical and Petrochemical		Total		30.90			6.00	
	20	Manufacture of chemicals and chemical products			30.90			6.00	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations		:		c	:		c
B_101820	Non-Metallic Minerals		Total		92.10			9.60	
	23	Manufacture of other non-metallic mineral products			92.10			9.60	
B_101825	Mining and Quarrying		Total		0.00			0.00	
	07.10	Mining of iron ores			0.00			0.00	
	07.29	Mining of other non-ferrous metal ores		:		u	:		u
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		:		u	:		u
	08.12	Operation of gravel and sand pits; mining of clays and kaolin			0.00			0.00	
	08.91	Mining of chemical and fertiliser minerals			0.00			0.00	
	08.93	Extraction of salt			0.00			0.00	
	08.99	Other mining and quarrying n.e.c.			0.00			0.00	
	09.90	Support activities for other mining and quarrying		:		cu	:		cu
B_101830	Food and Tobacco		Total		0.00			0.00	
	10	Manufacture of food products		:		c	:		c
	11	Manufacture of beverages		:		c	:		c
	12	Manufacture of tobacco products		:		c	:		c
B_101835	Textile and Leather		Total		11.30			1.30	
	13	Manufacture of textiles		:		c	:		c
	14	Manufacture of wearing apparel			11.30			1.30	
	15	Manufacture of leather and related products		:		c	:		c
B_101840	Paper, Pulp and Print		Total		154.40			25.00	
	17	Manufacture of paper and paper products		:		c	:		c
	18	Printing and reproduction of recorded media			154.40			25.00	
B_101846	Transport Equipment		Total		2.10			0.40	
	29	Manufacture of motor vehicles, trailers and semi-trailers		:		c	:		c
	30	Manufacture of other transport equipment			2.10			0.40	
B_101847	Machinery		Total		167.40			26.60	
	25	Manufacture of fabricated metal products, except machinery and equipment			90.80			16.90	
	26	Manufacture of computer, electronic and optical products		:		c	:		c
	27	Manufacture of electrical equipment			76.60			9.70	
	28	Manufacture of machinery and equipment n.e.c.		:		c	:		c
B_101851	Wood and Wood Products		Total		12.40			3.30	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials			12.40			3.30	
B_101852	Construction		Total		947.70			177.30	
	41	Construction of buildings			444.80			95.10	
	42	Civil engineering			165.70			29.60	
	43	Specialised construction activities			337.20			52.60	
B_101853	Non-specified (Industry)		Total		44.10			9.80	
	22	Manufacture of rubber and plastic products		:		c	:		c
	31	Manufacture of furniture			44.10			9.80	
	32	Other manufacturing		:		c	:		c

Table B.21: NETHERLANDS - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Total	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry		Total	343,975.80		30,360.30	
B_101805	Iron and Steel		Total	0.00		0.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys		:	c	:	c
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		:	u	:	u
	24.3	Manufacture of other products of first processing of steel		:	c	:	c
	24.51	Casting of iron		:	u	:	u
	24.52	Casting of steel		:	cu	:	cu
B_101810	Non-Ferrous Metals		Total	2,007.10		150.10	
	24.4	Manufacture of basic precious and other non-ferrous metals		:	u	:	u
	24.53	Casting of light metals		:	cu	:	cu
	24.54	Casting of other non-ferrous metals		:			
B_101815	Chemical and Petrochemical		Total	54,582.80		4,534.10	
	20	Manufacture of chemicals and chemical products		49,090.10		3,076.70	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations		5,492.70		857.40	
B_101820	Non-Metallic Minerals		Total	5,688.80		433.70	
	23	Manufacture of other non-metallic mineral products		5,688.80		433.70	
B_101825	Mining and Quarrying		Total	0.00		0.00	
	07.10	Mining of iron ores		0.00		0.00	
	07.29	Mining of other non-ferrous metal ores		0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		:	u	:	u
	08.12	Operation of gravel and sand pits; mining of clays and kaolin		:			
	08.91	Mining of chemical and fertiliser minerals		0.00		0.00	
	08.93	Extraction of salt		:	cu	:	cu
	08.99	Other mining and quarrying n.e.c.		:	cu	:	cu
	09.90	Support activities for other mining and quarrying		:	c	:	c
B_101830	Food and Tobacco		Total	71,297.60		5,380.20	
	10	Manufacture of food products		63,932.90		4,215.30	
	11	Manufacture of beverages		4,900.90		846.50	
	12	Manufacture of tobacco products		2,463.80		318.40	
B_101835	Textile and Leather		Total	3,087.70		405.90	
	13	Manufacture of textiles		2,728.40		312.50	
	14	Manufacture of wearing apparel		477.40		34.60	
	15	Manufacture of leather and related products		481.90		58.80	
B_101840	Paper, Pulp and Print		Total	11,246.10		973.20	
	17	Manufacture of paper and paper products		7,355.20		615.30	
	18	Printing and reproduction of recorded media		3,890.90		357.90	
B_101846	Transport Equipment		Total	15,284.00		1,089.20	
	29	Manufacture of motor vehicles, trailers and semi-trailers		7,642.00		589.60	
	30	Manufacture of other transport equipment		7,642.00		499.60	
B_101847	Machinery		Total	83,960.30		7,414.10	
	25	Manufacture of fabricated metal products, except machinery and equipment		18,766.50		2,134.20	
	26	Manufacture of computer, electronic and optical products		33,437.70		1,368.20	
	27	Manufacture of electrical equipment		5,668.40		439.00	
	28	Manufacture of machinery and equipment n.e.c.		26,087.70		3,472.70	
B_101851	Wood and Wood Products		Total	2,506.30		217.60	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		2,506.30		217.60	
B_101852	Construction		Total	79,287.00		8,046.00	
	41	Construction of buildings		29,410.20		2,810.90	
	42	Civil engineering		16,123.30		887.50	
	43	Specialised construction activities		33,753.50		4,347.60	
B_101853	Non-specified (Industry)		Total	14,428.10		1,716.20	
	22	Manufacture of rubber and plastic products		8,604.80		994.40	
	31	Manufacture of furniture		3,188.00		342.70	
	32	Other manufacturing		2,635.30		379.10	

Table B.22: AUSTRIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	207,747.40		20,226.80	
B_101805	Iron and Steel	Total	9,712.40		856.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	7,289.40		576.60	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	1,272.00		178.60	
	24.3	Manufacture of other products of first processing of steel	725.20		72.00	
	24.51	Casting of iron	277.40		24.40	
	24.52	Casting of steel	148.40		4.40	
B_101810	Non-Ferrous Metals	Total	5,191.80		403.80	
	24.4	Manufacture of basic precious and other non-ferrous metals	4,330.30		333.60	
	24.53	Casting of light metals	771.20		56.10	
	24.54	Casting of other non-ferrous metals	90.30		14.10	
B_101815	Chemical and Petrochemical	Total	18,377.10		1,863.00	
	20	Manufacture of chemicals and chemical products	14,040.70		968.70	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	4,336.40		894.30	
B_101820	Non-Metallic Minerals	Total	6,595.20		675.30	
	23	Manufacture of other non-metallic mineral products	6,595.20		675.30	
B_101825	Mining and Quarrying	Total	1,000.30		178.50	
	07.10	Mining of iron ores	:	c	:	c
	07.29	Mining of other non-ferrous metal ores	0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	121.10		22.90	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	777.00		141.50	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	:	c	:	c
	08.99	Other mining and quarrying n.e.c.	97.00		13.10	
	09.90	Support activities for other mining and quarrying	5.20		1.00	
B_101830	Food and Tobacco	Total	22,040.00		1,906.60	
	10	Manufacture of food products	16,647.90		1,235.60	
	11	Manufacture of beverages	5,392.10		671.00	
	12	Manufacture of tobacco products	0.00		0.00	
B_101835	Textile and Leather	Total	3,171.30		283.90	
	13	Manufacture of textiles	1,441.10		133.20	
	14	Manufacture of wearing apparel	829.90		48.20	
	15	Manufacture of leather and related products	900.30		102.50	
B_101840	Paper, Pulp and Print	Total	8,241.40		951.80	
	17	Manufacture of paper and paper products	6,066.80		706.20	
	18	Printing and reproduction of recorded media	2,174.60		245.60	
B_101846	Transport Equipment	Total	17,161.80		1,598.60	
	29	Manufacture of motor vehicles, trailers and semi-trailers	14,620.20		1,361.40	
	30	Manufacture of other transport equipment	2,541.60		237.20	
B_101847	Machinery	Total	52,022.00		5,297.10	
	25	Manufacture of fabricated metal products, except machinery and equipment	14,189.90		1,574.90	
	26	Manufacture of computer, electronic and optical products	5,094.40		706.10	
	27	Manufacture of electrical equipment	11,602.90		1,032.70	
	28	Manufacture of machinery and equipment n.e.c.	21,134.80		1,983.40	
B_101851	Wood and Wood Products	Total	7,716.10		646.70	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7,716.10		646.70	
B_101852	Construction	Total	43,341.70		4,177.10	
	41	Construction of buildings	11,984.80		1,105.90	
	42	Civil engineering	9,150.20		626.60	
	43	Specialised construction activities	22,206.70		2,444.60	
B_101853	Non-specified (Industry)	Total	13,176.30		1,388.40	
	22	Manufacture of rubber and plastic products	6,467.70		695.30	
	31	Manufacture of furniture	3,060.30		319.90	
	32	Other manufacturing	3,648.30		373.20	

Table B.23: POLAND - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	302,776.50		36,313.60	
B_101805	Iron and Steel	Total	8,169.30		789.50	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	5,754.90		568.10	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	809.80		67.60	
	24.3	Manufacture of other products of first processing of steel	826.00		71.80	
	24.51	Casting of iron	665.00		68.10	
	24.52	Casting of steel	113.60		13.90	
B_101810	Non-Ferrous Metals	Total	2,830.00		246.30	
	24.4	Manufacture of basic precious and other non-ferrous metals	2,276.80		185.60	
	24.53	Casting of light metals	457.10		47.10	
	24.54	Casting of other non-ferrous metals	96.10		13.60	
B_101815	Chemical and Petrochemical	Total	18,569.00		2,495.90	
	20	Manufacture of chemicals and chemical products	14,911.10		1,907.10	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	3,657.90		588.80	
B_101820	Non-Metallic Minerals	Total	11,613.10		1,979.80	
	23	Manufacture of other non-metallic mineral products	11,613.10		1,979.80	
B_101825	Mining and Quarrying	Total	1,846.80		422.00	
	07.10	Mining of iron ores	:	c	:	c
	07.29	Mining of other non-ferrous metal ores	:	cd	:	cd
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	578.20		122.80	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	832.80		141.60	
	08.91	Mining of chemical and fertiliser minerals	:	cd	:	cd
	08.93	Extraction of salt	57.70		15.80	
	08.99	Other mining and quarrying n.e.c.	90.00		17.60	
	09.90	Support activities for other mining and quarrying	288.10		124.20	
B_101830	Food and Tobacco	Total	58,238.90		5,151.90	
	10	Manufacture of food products	48,124.50		4,108.30	
	11	Manufacture of beverages	7,316.00		830.50	
	12	Manufacture of tobacco products	2,798.40		213.10	
B_101835	Textile and Leather	Total	5,784.00		752.70	
	13	Manufacture of textiles	2,795.90		333.70	
	14	Manufacture of wearing apparel	1,863.90		254.90	
	15	Manufacture of leather and related products	1,124.20		164.10	
B_101840	Paper, Pulp and Print	Total	11,335.20		1,880.10	
	17	Manufacture of paper and paper products	8,228.00		1,346.90	
	18	Printing and reproduction of recorded media	3,107.20		533.20	
B_101846	Transport Equipment	Total	33,205.70		3,477.30	
	29	Manufacture of motor vehicles, trailers and semi-trailers	28,992.70		2,904.10	
	30	Manufacture of other transport equipment	4,213.00		573.20	
B_101847	Machinery	Total	53,321.30		6,286.40	
	25	Manufacture of fabricated metal products, except machinery and equipment	20,847.40		3,127.50	
	26	Manufacture of computer, electronic and optical products	9,198.90		630.60	
	27	Manufacture of electrical equipment	12,961.10		1,308.10	
	28	Manufacture of machinery and equipment n.e.c.	10,313.90		1,220.20	
B_101851	Wood and Wood Products	Total	8,118.20		1,004.50	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8,118.20		1,004.50	
B_101852	Construction	Total	59,925.20		7,725.60	
	41	Construction of buildings	25,106.10		2,562.40	
	42	Civil engineering	16,396.10		1,665.10	
	43	Specialised construction activities	18,423.00		3,498.10	
B_101853	Non-specified (Industry)	Total	29,819.80		4,101.60	
	22	Manufacture of rubber and plastic products	18,176.00		2,611.90	
	31	Manufacture of furniture	8,717.70		994.90	
	32	Other manufacturing	2,926.10		494.80	

Table B.24: PORTUGAL - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Total	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry		Total	89,050.10		7,883.30	
B_101805	Iron and Steel		Total	1,959.70		95.60	
	24.1	Manufacture of basic iron and steel and of ferro-alloys		1,138.10		22.80	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		203.30		21.10	
	24.3	Manufacture of other products of first processing of steel		376.00		29.10	
	24.51	Casting of iron		190.50		17.30	
	24.52	Casting of steel		31.80		5.30	
B_101810	Non-Ferrous Metals		Total	563.70		29.10	
	24.4	Manufacture of basic precious and other non-ferrous metals		428.70		13.60	
	24.53	Casting of light metals		33.30		3.60	
	24.54	Casting of other non-ferrous metals		101.70		11.90	
B_101815	Chemical and Petrochemical		Total	5,619.50		481.70	
	20	Manufacture of chemicals and chemical products		4,505.30		290.40	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations		1,114.20		191.30	
B_101820	Non-Metallic Minerals		Total	3,677.50		467.00	
	23	Manufacture of other non-metallic mineral products		3,677.50		467.00	
B_101825	Mining and Quarrying		Total	485.00		59.70	
	07.10	Mining of iron ores		:	c	:	c
	07.29	Mining of other non-ferrous metal ores		:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		255.50		34.00	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin		209.50		23.70	
	08.91	Mining of chemical and fertiliser minerals		:	c	:	c
	08.93	Extraction of salt		:	c	:	c
	08.99	Other mining and quarrying n.e.c.		20.00		2.00	
	09.90	Support activities for other mining and quarrying		:	c	:	c
B_101830	Food and Tobacco		Total	15,865.30		1,520.30	
	10	Manufacture of food products		12,039.20		756.70	
	11	Manufacture of beverages		3,099.40		385.10	
	12	Manufacture of tobacco products		726.70		378.50	
B_101835	Textile and Leather		Total	9,481.70		744.00	
	13	Manufacture of textiles		3,240.50		302.30	
	14	Manufacture of wearing apparel		3,471.60		234.00	
	15	Manufacture of leather and related products		2,769.60		207.70	
B_101840	Paper, Pulp and Print		Total	4,612.10		627.10	
	17	Manufacture of paper and paper products		3,618.60		488.10	
	18	Printing and reproduction of recorded media		993.50		139.00	
B_101846	Transport Equipment		Total	6,807.90		441.90	
	29	Manufacture of motor vehicles, trailers and semi-trailers		6,505.60		427.80	
	30	Manufacture of other transport equipment		302.30		14.10	
B_101847	Machinery		Total	12,678.40		1,235.40	
	25	Manufacture of fabricated metal products, except machinery and equipment		5,666.20		577.10	
	26	Manufacture of computer, electronic and optical products		1,625.90		111.70	
	27	Manufacture of electrical equipment		2,917.10		178.60	
	28	Manufacture of machinery and equipment n.e.c.		2,469.20		368.00	
B_101851	Wood and Wood Products		Total	2,908.10		224.40	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		2,908.10		224.40	
B_101852	Construction		Total	18,134.40		1,146.40	
	41	Construction of buildings		7,510.90		245.30	
	42	Civil engineering		5,767.00		418.10	
	43	Specialised construction activities		4,856.50		483.00	
B_101853	Non-specified (Industry)		Total	6,256.80		810.70	
	22	Manufacture of rubber and plastic products		3,782.80		587.00	
	31	Manufacture of furniture		1,462.70		127.30	
	32	Other manufacturing		1,011.30		96.40	

Table B.25: ROMANIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	79,218.90		10,174.60	
B_101805	Iron and Steel	Total	2,847.90		440.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	1,554.00		214.00	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	1,018.80		133.80	
	24.3	Manufacture of other products of first processing of steel	228.50		88.00	
	24.51	Casting of iron	43.00		4.20	
	24.52	Casting of steel	3.60		:	c
B_101810	Non-Ferrous Metals	Total	1,077.70		91.30	
	24.4	Manufacture of basic precious and other non-ferrous metals	831.90		60.40	
	24.53	Casting of light metals	200.50		30.90	
	24.54	Casting of other non-ferrous metals	45.30		:	c
B_101815	Chemical and Petrochemical	Total	3,023.80		420.70	
	20	Manufacture of chemicals and chemical products	2,207.20		252.90	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	816.60		167.80	
B_101820	Non-Metallic Minerals	Total	2,598.50		447.80	
	23	Manufacture of other non-metallic mineral products	2,598.50		447.80	
B_101825	Mining and Quarrying	Total	658.60		86.20	
	07.10	Mining of iron ores	0.40		:	c
	07.29	Mining of other non-ferrous metal ores	81.60	d	:	cd
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	255.50		34.00	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	229.90		42.90	
	08.91	Mining of chemical and fertiliser minerals	0.10		:	c
	08.93	Extraction of salt	64.40		:	c
	08.99	Other mining and quarrying n.e.c.	20.00		8.20	
	09.90	Support activities for other mining and quarrying	6.70		1.10	
B_101830	Food and Tobacco	Total	11,344.80		1,071.40	
	10	Manufacture of food products	9,030.70		758.10	
	11	Manufacture of beverages	2,100.40		269.20	
	12	Manufacture of tobacco products	213.70		44.10	
B_101835	Textile and Leather	Total	4,613.80		480.60	
	13	Manufacture of textiles	1,215.10		124.80	
	14	Manufacture of wearing apparel	2,240.90		253.00	
	15	Manufacture of leather and related products	1,157.80		102.80	
B_101840	Paper, Pulp and Print	Total	1,629.90		103.90	
	17	Manufacture of paper and paper products	879.30		103.90	
	18	Printing and reproduction of recorded media	750.60		:	c
B_101846	Transport Equipment	Total	14,666.00		1,212.20	
	29	Manufacture of motor vehicles, trailers and semi-trailers	13,184.00		1,091.50	
	30	Manufacture of other transport equipment	1,482.00		120.70	
B_101847	Machinery	Total	11,775.30		1,703.10	
	25	Manufacture of fabricated metal products, except machinery and equipment	3,727.40		680.40	
	26	Manufacture of computer, electronic and optical products	1,779.00		172.20	
	27	Manufacture of electrical equipment	3,176.90		292.70	
	28	Manufacture of machinery and equipment n.e.c.	3,092.00		557.80	
B_101851	Wood and Wood Products	Total	2,991.20		384.30	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2,991.20		384.30	
B_101852	Construction	Total	15,365.40		2,797.30	
	41	Construction of buildings	7,357.60		1,401.30	
	42	Civil engineering	4,284.40		910.00	
	43	Specialised construction activities	3,723.40		486.00	
B_101853	Non-specified (Industry)	Total	6,626.00		935.80	
	22	Manufacture of rubber and plastic products	4,356.60		677.70	
	31	Manufacture of furniture	1,821.80		193.10	
	32	Other manufacturing	447.60		65.00	

Table B.26: SLOVENIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	28,795.90		3,124.40	
B_101805	Iron and Steel	Total	875.70		90.40	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	697.20		72.70	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	:	c	:	c
	24.3	Manufacture of other products of first processing of steel	:	c	:	c
	24.51	Casting of iron	134.40		16.00	
	24.52	Casting of steel	44.10		1.70	
B_101810	Non-Ferrous Metals	Total	715.60		61.80	
	24.4	Manufacture of basic precious and other non-ferrous metals	393.50		16.50	
	24.53	Casting of light metals	280.70		38.80	
	24.54	Casting of other non-ferrous metals	41.40		6.50	
B_101815	Chemical and Petrochemical	Total	3,363.80		627.40	
	20	Manufacture of chemicals and chemical products	1,450.50		186.90	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1,913.30		440.50	
B_101820	Non-Metallic Minerals	Total	864.30		99.30	
	23	Manufacture of other non-metallic mineral products	864.30		99.30	
B_101825	Mining and Quarrying	Total	167.90		30.10	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	0.00		0.00	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	85.00		14.40	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	69.10		14.90	
	08.91	Mining of chemical and fertiliser minerals	0.00		0.00	
	08.93	Extraction of salt	11.30		0.70	
	08.99	Other mining and quarrying n.e.c.	2.50		0.10	
	09.90	Support activities for other mining and quarrying	:	c	:	c
B_101830	Food and Tobacco	Total	2,158.80		180.20	
	10	Manufacture of food products	1,881.70		145.10	
	11	Manufacture of beverages	277.10		35.10	
	12	Manufacture of tobacco products	0.00		0.00	
B_101835	Textile and Leather	Total	789.00		73.00	
	13	Manufacture of textiles	343.10		43.70	
	14	Manufacture of wearing apparel	148.40		12.00	
	15	Manufacture of leather and related products	297.50		17.30	
B_101840	Paper, Pulp and Print	Total	1,168.50		125.80	
	17	Manufacture of paper and paper products	751.80		76.20	
	18	Printing and reproduction of recorded media	416.70		49.60	
B_101846	Transport Equipment	Total	2,687.60		199.00	
	29	Manufacture of motor vehicles, trailers and semi-trailers	2,687.60		199.00	
	30	Manufacture of other transport equipment	:	c	:	c
B_101847	Machinery	Total	8,075.60		832.30	
	25	Manufacture of fabricated metal products, except machinery and equipment	3,207.20		372.30	
	26	Manufacture of computer, electronic and optical products	536.80		55.60	
	27	Manufacture of electrical equipment	2,832.80		246.80	
	28	Manufacture of machinery and equipment n.e.c.	1,498.80		157.60	
B_101851	Wood and Wood Products	Total	719.40		72.00	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	719.40		72.00	
B_101852	Construction	Total	4,787.60		472.70	
	41	Construction of buildings	1,362.90		93.40	
	42	Civil engineering	1,198.10		124.70	
	43	Specialised construction activities	2,226.60		254.60	
B_101853	Non-specified (Industry)	Total	2,422.10		260.40	
	22	Manufacture of rubber and plastic products	1,710.90		184.60	
	31	Manufacture of furniture	373.80		31.80	
	32	Other manufacturing	337.40		44.00	

Table B.27: SLOVAKIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	69,305.90		5,719.60	
B_101805	Iron and Steel	Total	3,213.90		167.80	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	2,491.80		164.90	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	275.10		-2.40	
	24.3	Manufacture of other products of first processing of steel	357.90		6.10	
	24.51	Casting of iron	55.50		3.20	
	24.52	Casting of steel	33.60		-4.00	
B_101810	Non-Ferrous Metals	Total	847.00		85.50	
	24.4	Manufacture of basic precious and other non-ferrous metals	625.00		54.10	
	24.53	Casting of light metals	173.40		25.80	
	24.54	Casting of other non-ferrous metals	48.60		5.60	
B_101815	Chemical and Petrochemical	Total	1,931.20		80.30	
	20	Manufacture of chemicals and chemical products	1,735.40		60.00	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	195.80		20.30	
B_101820	Non-Metallic Minerals	Total	1,502.70		188.20	
	23	Manufacture of other non-metallic mineral products	1,502.70		188.20	
B_101825	Mining and Quarrying	Total	169.80		22.50	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	57.90		8.60	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	85.80		12.80	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	0.00		0.00	
	08.99	Other mining and quarrying n.e.c.	8.00		-0.30	
	09.90	Support activities for other mining and quarrying	18.10		1.40	
B_101830	Food and Tobacco	Total	4,304.00		307.60	
	10	Manufacture of food products	3,556.60		218.10	
	11	Manufacture of beverages	747.40		89.50	
	12	Manufacture of tobacco products	:	c	:	c
B_101835	Textile and Leather	Total	1,370.00		118.50	
	13	Manufacture of textiles	351.30		43.40	
	14	Manufacture of wearing apparel	398.10		34.10	
	15	Manufacture of leather and related products	620.60		41.00	
B_101840	Paper, Pulp and Print	Total	1,694.80		220.20	
	17	Manufacture of paper and paper products	1,305.70		180.20	
	18	Printing and reproduction of recorded media	389.10		40.00	
B_101846	Transport Equipment	Total	21,646.80		1,322.80	
	29	Manufacture of motor vehicles, trailers and semi-trailers	21,259.80		1,299.80	
	30	Manufacture of other transport equipment	387.00		23.00	
B_101847	Machinery	Total	18,805.20		1,598.30	
	25	Manufacture of fabricated metal products, except machinery and equipment	5,265.70		698.60	
	26	Manufacture of computer, electronic and optical products	6,020.00		406.90	
	27	Manufacture of electrical equipment	3,365.30		105.70	
	28	Manufacture of machinery and equipment n.e.c.	4,154.20		387.10	
B_101851	Wood and Wood Products	Total	1,317.10		152.10	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,317.10		152.10	
B_101852	Construction	Total	7,081.20		704.90	
	41	Construction of buildings	2,351.80		93.50	
	42	Civil engineering	1,878.60		33.20	
	43	Specialised construction activities	2,850.80		578.20	
B_101853	Non-specified (Industry)	Total	5,422.20		750.90	
	22	Manufacture of rubber and plastic products	4,121.30		662.10	
	31	Manufacture of furniture	848.20		21.20	
	32	Other manufacturing	452.70		67.60	

Table B.28: FINLAND - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	141,961.40		10,416.40	
B_101805	Iron and Steel	Total	6,301.80		94.90	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	6,113.10		84.30	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	:	c	:	c
	24.3	Manufacture of other products of first processing of steel	:	c	:	c
	24.51	Casting of iron	160.90		8.30	
	24.52	Casting of steel	27.80		2.10	
B_101810	Non-Ferrous Metals	Total	2,265.90		257.90	
	24.4	Manufacture of basic precious and other non-ferrous metals	2,197.00		250.30	
	24.53	Casting of light metals	45.40		3.80	
	24.54	Casting of other non-ferrous metals	23.50		3.80	
B_101815	Chemical and Petrochemical	Total	9,611.20		1,677.20	
	20	Manufacture of chemicals and chemical products	7,748.70		881.60	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1,862.50		795.60	
B_101820	Non-Metallic Minerals	Total	3,082.50		298.00	
	23	Manufacture of other non-metallic mineral products	3,082.50		298.00	
B_101825	Mining and Quarrying	Total	371.30		21.10	
	07.10	Mining of iron ores	:	c	:	c
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	55.50		6.00	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	278.40		36.70	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	0.00		0.00	
	08.99	Other mining and quarrying n.e.c.	:	c	:	c
	09.90	Support activities for other mining and quarrying	37.40		-21.60	
B_101830	Food and Tobacco	Total	11,153.50		1,022.20	
	10	Manufacture of food products	10,021.90		858.20	
	11	Manufacture of beverages	1,131.60		164.00	
	12	Manufacture of tobacco products	0.00		0.00	
B_101835	Textile and Leather	Total	1,327.90		112.90	
	13	Manufacture of textiles	463.00		43.20	
	14	Manufacture of wearing apparel	637.50		35.60	
	15	Manufacture of leather and related products	227.40		34.10	
B_101840	Paper, Pulp and Print	Total	20,269.20		2,088.40	
	17	Manufacture of paper and paper products	19,050.90		1,961.20	
	18	Printing and reproduction of recorded media	1,218.30		127.20	
B_101846	Transport Equipment	Total	3,071.10		160.00	
	29	Manufacture of motor vehicles, trailers and semi-trailers	1,487.90		93.10	
	30	Manufacture of other transport equipment	1,583.20		66.90	
B_101847	Machinery	Total	44,211.30		1,288.30	
	25	Manufacture of fabricated metal products, except machinery and equipment	6,424.20		499.20	
	26	Manufacture of computer, electronic and optical products	22,628.70		-226.60	
	27	Manufacture of electrical equipment	:	c	:	c
	28	Manufacture of machinery and equipment n.e.c.	15,158.40		1,015.70	
B_101851	Wood and Wood Products	Total	6,360.20		358.50	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	6,360.20		358.50	
B_101852	Construction	Total	28,998.40		2,639.60	
	41	Construction of buildings	13,032.90		916.70	
	42	Civil engineering	3,962.00		333.00	
	43	Specialised construction activities	12,003.50		1,389.90	
B_101853	Non-specified (Industry)	Total	4,937.10		397.40	
	22	Manufacture of rubber and plastic products	3,269.20		288.70	
	31	Manufacture of furniture	1,025.70		53.70	
	32	Other manufacturing	642.20		55.00	

Table B.29: SWEDEN - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	247,630.80		18,284.20	
B_101805	Iron and Steel	Total	8,554.20		525.40	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	5,738.90		265.60	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	1,738.20		203.70	
	24.3	Manufacture of other products of first processing of steel	901.70		45.10	
	24.51	Casting of iron	94.80		5.70	
	24.52	Casting of steel	80.60		5.30	
B_101810	Non-Ferrous Metals	Total	6,231.20		246.20	
	24.4	Manufacture of basic precious and other non-ferrous metals	6,017.80		224.80	
	24.53	Casting of light metals	199.70		19.90	
	24.54	Casting of other non-ferrous metals	13.70		1.50	
B_101815	Chemical and Petrochemical	Total	8,834.80		1,316.60	
	20	Manufacture of chemicals and chemical products	8,834.80	c	1,316.60	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	:		:	c
B_101820	Non-Metallic Minerals	Total	4,913.40		459.30	
	23	Manufacture of other non-metallic mineral products	4,913.40		459.30	
B_101825	Mining and Quarrying	Total	3,108.70		675.40	
	07.10	Mining of iron ores	2,219.60		558.50	
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	72.20		7.70	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	816.90		109.20	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	:		:	
	08.99	Other mining and quarrying n.e.c.	:	c	:	c
	09.90	Support activities for other mining and quarrying	:	c	:	c
B_101830	Food and Tobacco	Total	18,062.00		1,254.90	
	10	Manufacture of food products	16,354.50		894.00	
	11	Manufacture of beverages	1,707.50		360.90	
	12	Manufacture of tobacco products	:	c	:	c
B_101835	Textile and Leather	Total	1,096.20		97.60	
	13	Manufacture of textiles	857.20		70.80	
	14	Manufacture of wearing apparel	239.00		26.80	
	15	Manufacture of leather and related products	:	c	:	c
B_101840	Paper, Pulp and Print	Total	16,177.10		1,855.50	
	17	Manufacture of paper and paper products	13,826.30		1,733.20	
	18	Printing and reproduction of recorded media	2,350.80		122.30	
B_101846	Transport Equipment	Total	36,819.20		910.10	
	29	Manufacture of motor vehicles, trailers and semi-trailers	33,207.10		636.20	
	30	Manufacture of other transport equipment	3,612.10		273.90	
B_101847	Machinery	Total	60,356.70		5,143.00	
	25	Manufacture of fabricated metal products, except machinery and equipment	14,186.60		1,398.50	
	26	Manufacture of computer, electronic and optical products	17,223.10		1,968.20	
	27	Manufacture of electrical equipment	6,880.40		164.80	
	28	Manufacture of machinery and equipment n.e.c.	22,066.60		1,611.50	
B_101851	Wood and Wood Products	Total	9,446.60		646.20	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	9,446.60		646.20	
B_101852	Construction	Total	63,272.70		4,397.40	
	41	Construction of buildings	23,934.70		958.10	
	42	Civil engineering	6,593.10		339.70	
	43	Specialised construction activities	32,744.90		3,099.60	
B_101853	Non-specified (Industry)	Total	10,758.00		756.60	
	22	Manufacture of rubber and plastic products	5,077.30		361.20	
	31	Manufacture of furniture	2,764.60		152.70	
	32	Other manufacturing	2,916.10		242.70	

Table B.30: UNITED KINGDOM - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prms. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	809,223.80		137,025.40	
B_101805	Iron and Steel	Total	13,591.70		810.20	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	8,592.90		36.60	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	3,146.90		577.90	
	24.3	Manufacture of other products of first processing of steel	787.90		47.80	
	24.51	Casting of iron	635.90		111.60	
	24.52	Casting of steel	428.10		36.30	
B_101810	Non-Ferrous Metals	Total	8,544.40		788.80	
	24.4	Manufacture of basic precious and other non-ferrous metals	7,575.60		673.30	
	24.53	Casting of light metals	781.30		96.90	
	24.54	Casting of other non-ferrous metals	187.50		18.60	
B_101815	Chemical and Petrochemical	Total	56,198.50		9,556.50	
	20	Manufacture of chemicals and chemical products	39,266.10		5,512.10	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	16,932.40		4,044.40	
B_101820	Non-Metallic Minerals	Total	16,127.60		1,661.00	
	23	Manufacture of other non-metallic mineral products	16,127.60		1,661.00	
B_101825	Mining and Quarrying	Total	6,735.50		1,104.00	
	07.10	Mining of iron ores	0.00		0.00	
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	3,387.50		549.60	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	3,141.60		570.60	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	179.70		24.40	
	08.99	Other mining and quarrying n.e.c.	:	c	:	c
	09.90	Support activities for other mining and quarrying	26.70		-40.60	
B_101830	Food and Tobacco	Total	97,058.30		12,563.60	
	10	Manufacture of food products	97,058.30	c	12,563.60	c
	11	Manufacture of beverages	:	c	:	c
	12	Manufacture of tobacco products	:	c	:	c
B_101835	Textile and Leather	Total	11,514.50		1,521.30	
	13	Manufacture of textiles	6,619.90		876.80	
	14	Manufacture of wearing apparel	3,617.40		416.80	
	15	Manufacture of leather and related products	1,277.20		227.70	
B_101840	Paper, Pulp and Print	Total	27,071.20		4,691.40	
	17	Manufacture of paper and paper products	13,634.90		2,289.80	
	18	Printing and reproduction of recorded media	13,436.30		2,401.60	
B_101846	Transport Equipment	Total	117,738.80		15,846.60	
	29	Manufacture of motor vehicles, trailers and semi-trailers	78,857.80		13,551.30	
	30	Manufacture of other transport equipment	38,881.00		2,295.30	
B_101847	Machinery	Total	126,354.60		21,271.80	
	25	Manufacture of fabricated metal products, except machinery and equipment	42,616.10		8,509.80	
	26	Manufacture of computer, electronic and optical products	23,989.40		3,867.80	
	27	Manufacture of electrical equipment	16,649.30		2,023.30	
	28	Manufacture of machinery and equipment n.e.c.	43,099.80		6,870.90	
B_101851	Wood and Wood Products	Total	9,890.30		1,366.40	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	9,890.30		1,366.40	
B_101852	Construction	Total	268,299.20		58,703.90	
	41	Construction of buildings	108,905.10		29,027.00	
	42	Civil engineering	52,230.10		6,412.10	
	43	Specialised construction activities	107,164.00		23,264.80	
B_101853	Non-specified (Industry)	Total	50,099.20		7,139.90	
	22	Manufacture of rubber and plastic products	29,803.10		4,480.50	
	31	Manufacture of furniture	9,215.90		1,066.80	
	32	Other manufacturing	11,080.20		1,592.60	

Table B.31: ICELAND - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Total	Turnover or	Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry		Total		0.00			0.00	
B_101805	Iron and Steel		Total		0.00			0.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys		:			:		
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		:			:		
	24.3	Manufacture of other products of first processing of steel		:			:		
	24.51	Casting of iron		:			:		
	24.52	Casting of steel		:			:		
B_101810	Non-Ferrous Metals		Total		0.00			0.00	
	24.4	Manufacture of basic precious and other non-ferrous metals		:			:		
	24.53	Casting of light metals		:			:		
	24.54	Casting of other non-ferrous metals		:			:		
B_101815	Chemical and Petrochemical		Total		0.00			0.00	
	20	Manufacture of chemicals and chemical products		:			:		
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations		:			:		
B_101820	Non-Metallic Minerals		Total		0.00			0.00	
B_101825	Mining and Quarrying		Total		0.00			0.00	
	07.10	Mining of iron ores		:			:		
	07.29	Mining of other non-ferrous metal ores		:			:		
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		:			:		
	08.12	Operation of gravel and sand pits; mining of clays and kaolin		:			:		
	08.91	Mining of chemical and fertiliser minerals		:			:		
	08.93	Extraction of salt		:			:		
	08.99	Other mining and quarrying n.e.c.		:			:		
	09.90	Support activities for other mining and quarrying		:			:		
B_101830	Food and Tobacco		Total		0.00			0.00	
	10	Manufacture of food products		:			:		
	11	Manufacture of beverages		:			:		
	12	Manufacture of tobacco products		:			:		
B_101835	Textile and Leather		Total		0.00			0.00	
	13	Manufacture of textiles		:			:		
	14	Manufacture of wearing apparel		:			:		
	15	Manufacture of leather and related products		:			:		
B_101840	Paper, Pulp and Print		Total		0.00			0.00	
	17	Manufacture of paper and paper products		:			:		
	18	Printing and reproduction of recorded media		:			:		
B_101846	Transport Equipment		Total		0.00			0.00	
	29	Manufacture of motor vehicles, trailers and semi-trailers		:			:		
	30	Manufacture of other transport equipment		:			:		
B_101847	Machinery		Total		0.00			0.00	
	25	Manufacture of fabricated metal products, except machinery and equipment		:			:		
	26	Manufacture of computer, electronic and optical products		:			:		
	27	Manufacture of electrical equipment		:			:		
	28	Manufacture of machinery and equipment n.e.c.		:			:		
B_101851	Wood and Wood Products		Total		0.00			0.00	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		:			:		
B_101852	Construction		Total		0.00			0.00	
	41	Construction of buildings		:			:		
	42	Civil engineering		:			:		
	43	Specialised construction activities		:			:		
B_101853	Non-specified (Industry)		Total		0.00			0.00	
	22	Manufacture of rubber and plastic products		:			:		
	31	Manufacture of furniture		:			:		
	32	Other manufacturing		:			:		

Table B.32: LIECHTENSTEIN - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Total	Turnover or	Grs.Prms.	Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry		Total			0.00			0.00	
B_101805	Iron and Steel		Total			0.00			0.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys		:				:		
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		:				:		
	24.3	Manufacture of other products of first processing of steel		:				:		
	24.51	Casting of iron		:				:		
	24.52	Casting of steel		:				:		
B_101810	Non-Ferrous Metals		Total			0.00			0.00	
	24.4	Manufacture of basic precious and other non-ferrous metals		:				:		
	24.53	Casting of light metals		:				:		
	24.54	Casting of other non-ferrous metals		:				:		
B_101815	Chemical and Petrochemical		Total			0.00			0.00	
	20	Manufacture of chemicals and chemical products		:				:		
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations		:				:		
B_101820	Non-Metallic Minerals		Total			0.00			0.00	
B_101825	Mining and Quarrying		Total			0.00			0.00	
	07.10	Mining of iron ores		:				:		
	07.29	Mining of other non-ferrous metal ores		:				:		
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		:				:		
	08.12	Operation of gravel and sand pits; mining of clays and kaolin		:				:		
	08.91	Mining of chemical and fertiliser minerals		:				:		
	08.93	Extraction of salt		:				:		
	08.99	Other mining and quarrying n.e.c.		:				:		
	09.90	Support activities for other mining and quarrying		:				:		
B_101830	Food and Tobacco		Total			0.00			0.00	
	10	Manufacture of food products		:				:		
	11	Manufacture of beverages		:				:		
	12	Manufacture of tobacco products		:				:		
B_101835	Textile and Leather		Total			0.00			0.00	
	13	Manufacture of textiles		:				:		
	14	Manufacture of wearing apparel		:				:		
	15	Manufacture of leather and related products		:				:		
B_101840	Paper, Pulp and Print		Total			0.00			0.00	
	17	Manufacture of paper and paper products		:				:		
	18	Printing and reproduction of recorded media		:				:		
B_101846	Transport Equipment		Total			0.00			0.00	
	29	Manufacture of motor vehicles, trailers and semi-trailers		:				:		
	30	Manufacture of other transport equipment		:				:		
B_101847	Machinery		Total			0.00			0.00	
	25	Manufacture of fabricated metal products, except machinery and equipment		:				:		
	26	Manufacture of computer, electronic and optical products		:				:		
	27	Manufacture of electrical equipment		:				:		
	28	Manufacture of machinery and equipment n.e.c.		:				:		
B_101851	Wood and Wood Products		Total			0.00			0.00	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		:				:		
B_101852	Construction		Total			0.00			0.00	
	41	Construction of buildings		:				:		
	42	Civil engineering		:				:		
	43	Specialised construction activities		:				:		
B_101853	Non-specified (Industry)		Total			0.00			0.00	
	22	Manufacture of rubber and plastic products		:				:		
	31	Manufacture of furniture		:				:		
	32	Other manufacturing		:				:		

Table B.33: NORWAY - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	137,349.00		11,350.70	
B_101805	Iron and Steel	Total	1,387.70		148.80	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	1,226.30		131.80	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	86.70		10.00	
	24.3	Manufacture of other products of first processing of steel	7.60		0.20	
	24.51	Casting of iron	67.10		6.80	
	24.52	Casting of steel	:	c	:	c
B_101810	Non-Ferrous Metals	Total	8,186.50		595.10	
	24.4	Manufacture of basic precious and other non-ferrous metals	8,108.90		594.50	
	24.53	Casting of light metals	:	c	:	c
	24.54	Casting of other non-ferrous metals	17.60		0.60	
B_101815	Chemical and Petrochemical	Total	6,662.90		781.30	
	20	Manufacture of chemicals and chemical products	6,662.90		781.30	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	:	c	:	c
B_101820	Non-Metallic Minerals	Total	3,980.10		368.10	
	23	Manufacture of other non-metallic mineral products	3,980.10		368.10	
B_101825	Mining and Quarrying	Total	1,109.90		185.60	
	07.10	Mining of iron ores	:	c	:	c
	07.29	Mining of other non-ferrous metal ores	:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	341.10		55.80	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	744.60		126.30	
	08.91	Mining of chemical and fertiliser minerals	:	c	:	c
	08.93	Extraction of salt	:	c	:	c
	08.99	Other mining and quarrying n.e.c.	19.30		2.10	
	09.90	Support activities for other mining and quarrying	4.90		1.40	
B_101830	Food and Tobacco	Total	23,197.90		1,580.20	
	10	Manufacture of food products	20,887.80		1,420.10	
	11	Manufacture of beverages	2,310.10		160.10	
	12	Manufacture of tobacco products	0.00		0.00	
B_101835	Textile and Leather	Total	883.20		107.10	
	13	Manufacture of textiles	608.00		62.80	
	14	Manufacture of wearing apparel	261.70		43.40	
	15	Manufacture of leather and related products	13.50		0.90	
B_101840	Paper, Pulp and Print	Total	2,104.80		145.20	
	17	Manufacture of paper and paper products	973.60		50.00	
	18	Printing and reproduction of recorded media	1,131.20		95.20	
B_101846	Transport Equipment	Total	11,570.00		584.50	
	29	Manufacture of motor vehicles, trailers and semi-trailers	803.80		68.50	
	30	Manufacture of other transport equipment	10,766.20		516.00	
B_101847	Machinery	Total	17,355.60		1,458.00	
	25	Manufacture of fabricated metal products, except machinery and equipment	5,445.70		389.30	
	26	Manufacture of computer, electronic and optical products	:	c	:	c
	27	Manufacture of electrical equipment	:	c	:	c
	28	Manufacture of machinery and equipment n.e.c.	11,909.90		1,068.70	
B_101851	Wood and Wood Products	Total	3,211.50		187.50	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3,211.50		187.50	
B_101852	Construction	Total	54,619.90		4,914.80	
	41	Construction of buildings	27,577.10		2,366.70	
	42	Civil engineering	4,599.10		335.90	
	43	Specialised construction activities	22,443.70		2,212.20	
B_101853	Non-specified (Industry)	Total	3,079.00		294.50	
	22	Manufacture of rubber and plastic products	1,371.90		140.10	
	31	Manufacture of furniture	986.10		108.30	
	32	Other manufacturing	721.00		46.10	

Table B.34: SWITZERLAND - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims. Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	281,671.80		38,771.80	
B_101805	Iron and Steel	Total	2,050.40		182.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	801.60		52.80	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	598.00		51.40	
	24.3	Manufacture of other products of first processing of steel	650.80		77.80	
	24.51	Casting of iron	:		:	
	24.52	Casting of steel	:		:	
B_101810	Non-Ferrous Metals	Total	1,493.40		170.40	
	24.4	Manufacture of basic precious and other non-ferrous metals	1,493.40		170.40	
	24.53	Casting of light metals	:		:	
	24.54	Casting of other non-ferrous metals	:		:	
B_101815	Chemical and Petrochemical	Total	73,260.60		13,037.00	
	20	Manufacture of chemicals and chemical products	16,731.80		1,679.00	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	56,528.80		11,358.00	
B_101820	Non-Metallic Minerals	Total	6,435.50		903.30	
	23	Manufacture of other non-metallic mineral products	6,435.50		903.30	
B_101825	Mining and Quarrying	Total	0.00		0.00	
	07.10	Mining of iron ores	:		:	
	07.29	Mining of other non-ferrous metal ores	:		:	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	:		:	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	:		:	
	08.91	Mining of chemical and fertiliser minerals	:		:	
	08.93	Extraction of salt	:		:	
	08.99	Other mining and quarrying n.e.c.	:		:	
	09.90	Support activities for other mining and quarrying	:		:	
B_101830	Food and Tobacco	Total	2,261.30		2,622.20	
	10	Manufacture of food products	:	c	2,294.90	
	11	Manufacture of beverages	2,261.30		327.30	
	12	Manufacture of tobacco products	:	c	:	c
B_101835	Textile and Leather	Total	2,743.80		201.70	
	13	Manufacture of textiles	1,391.30		114.10	
	14	Manufacture of wearing apparel	923.40		69.30	
	15	Manufacture of leather and related products	429.10		18.30	
B_101840	Paper, Pulp and Print	Total	2,562.80		236.40	
	17	Manufacture of paper and paper products	2,562.80		236.40	
	18	Printing and reproduction of recorded media	:	c	:	c
B_101846	Transport Equipment	Total	5,543.30		650.30	
	29	Manufacture of motor vehicles, trailers and semi-trailers	1,453.90		198.60	
	30	Manufacture of other transport equipment	4,089.40		451.70	
B_101847	Machinery	Total	103,678.40		13,924.90	
	25	Manufacture of fabricated metal products, except machinery and equipment	15,250.70		1,823.10	
	26	Manufacture of computer, electronic and optical products	48,600.40		8,542.90	
	27	Manufacture of electrical equipment	16,120.90		973.20	
	28	Manufacture of machinery and equipment n.e.c.	23,706.40		2,585.70	
B_101851	Wood and Wood Products	Total	7,792.00		614.60	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7,792.00		614.60	
B_101852	Construction	Total	59,808.20		4,398.10	
	41	Construction of buildings	21,214.80		1,262.70	
	42	Civil engineering	4,211.40		280.50	
	43	Specialised construction activities	34,382.00		2,854.90	
B_101853	Non-specified (Industry)	Total	14,042.10		1,830.90	
	22	Manufacture of rubber and plastic products	6,353.40		629.20	
	31	Manufacture of furniture	2,150.20		146.60	
	32	Other manufacturing	5,538.50		1,055.10	

Table B.35: FORMER YUGOSLAV REPUBLIC of MACEDONIA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Total	Turnover or Grs.Prms.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry		Total	2,730.60		327.70	
B_101805	Iron and Steel		Total	0.00		0.00	
	24.1	Manufacture of basic iron and steel and of ferro-alloys		:	c	:	c
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel		:	c	:	c
	24.3	Manufacture of other products of first processing of steel		:	c	:	c
	24.51	Casting of iron		:	c	:	c
	24.52	Casting of steel		:	c	:	c
B_101810	Non-Ferrous Metals		Total	0.00		0.00	
	24.4	Manufacture of basic precious and other non-ferrous metals		:	c	:	c
	24.53	Casting of light metals		:	c	:	c
	24.54	Casting of other non-ferrous metals		:	c	:	c
B_101815	Chemical and Petrochemical		Total	0.00		0.00	
	20	Manufacture of chemicals and chemical products		:	c	:	c
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations		:	c	:	c
B_101820	Non-Metallic Minerals		Total	0.00		0.00	
	23	Manufacture of other non-metallic mineral products		:	c	:	c
B_101825	Mining and Quarrying		Total	8.80		1.80	
	07.10	Mining of iron ores		:	c	:	c
	07.29	Mining of other non-ferrous metal ores		:	c	:	c
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate		:	c	:	c
	08.12	Operation of gravel and sand pits; mining of clays and kaolin		8.80		1.80	
	08.91	Mining of chemical and fertiliser minerals		:	c	:	c
	08.93	Extraction of salt		0.00		0.00	
	08.99	Other mining and quarrying n.e.c.		:	c	:	c
	09.90	Support activities for other mining and quarrying		:	c	:	c
B_101830	Food and Tobacco		Total	743.60		75.10	
	10	Manufacture of food products		632.30		61.40	
	11	Manufacture of beverages		:	c	:	c
	12	Manufacture of tobacco products		111.30		13.70	
B_101835	Textile and Leather		Total	315.00		33.90	
	13	Manufacture of textiles		:	c	:	c
	14	Manufacture of wearing apparel		273.00		30.90	
	15	Manufacture of leather and related products		42.00		3.00	
B_101840	Paper, Pulp and Print		Total	125.20		16.90	
	17	Manufacture of paper and paper products		53.90		5.50	
	18	Printing and reproduction of recorded media		71.30		11.40	
B_101846	Transport Equipment		Total	0.00		0.00	
	29	Manufacture of motor vehicles, trailers and semi-trailers		:	c	:	c
	30	Manufacture of other transport equipment		:	c	:	c
B_101847	Machinery		Total	161.70		15.40	
	25	Manufacture of fabricated metal products, except machinery and equipment		161.70		15.40	
	26	Manufacture of computer, electronic and optical products		:	c	:	c
	27	Manufacture of electrical equipment		:	c	:	c
	28	Manufacture of machinery and equipment n.e.c.		:	c	:	c
B_101851	Wood and Wood Products		Total	34.20		3.00	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		34.20		3.00	
B_101852	Construction		Total	1,117.90		153.80	
	41	Construction of buildings		482.20		74.00	
	42	Civil engineering		311.90		27.40	
	43	Specialised construction activities		323.80		52.40	
B_101853	Non-specified (Industry)		Total	224.20		27.80	
	22	Manufacture of rubber and plastic products		149.90		20.10	
	31	Manufacture of furniture		74.30		7.70	
	32	Other manufacturing		:	c	:	c

Table B.36: TURKEY - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prims.Wrt.	Flags & Footnotes	Gross Opt. Surplus	Flags & Footnotes
B_101800	Industry	Total	426,072.09		35,638.19	
B_101805	Iron and Steel	Total	31,291.90		2,509.80	
	24.1	Manufacture of basic iron and steel and of ferro-alloys	24,785.00		1,925.90	
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	4,063.50		302.20	
	24.3	Manufacture of other products of first processing of steel	718.60		58.30	
	24.51	Casting of iron	1,405.80		185.30	
	24.52	Casting of steel	319.00		38.10	
B_101810	Non-Ferrous Metals	Total	7,932.80		652.30	
	24.4	Manufacture of basic precious and other non-ferrous metals	7,440.50		606.90	
	24.53	Casting of light metals	462.20		43.10	
	24.54	Casting of other non-ferrous metals	30.10		2.30	
B_101815	Chemical and Petrochemical	Total	21,275.00		2,276.40	
	20	Manufacture of chemicals and chemical products	17,780.80		1,870.20	
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	3,494.20		406.20	
B_101820	Non-Metallic Minerals	Total	21,275.60		3,030.80	
	23	Manufacture of other non-metallic mineral products	21,275.60		3,030.80	
B_101825	Mining and Quarrying	Total	7,059.50		1,575.90	
	07.10	Mining of iron ores	447.30		101.00	
	07.29	Mining of other non-ferrous metal ores	2,472.70		1,087.70	
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	1,142.70		174.20	
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	1,390.40		134.30	
	08.91	Mining of chemical and fertiliser minerals	1,048.20		:	
	08.93	Extraction of salt	47.30		13.80	
	08.99	Other mining and quarrying n.e.c.	491.40		63.00	
	09.90	Support activities for other mining and quarrying	19.50		1.90	
B_101830	Food and Tobacco	Total	57,562.90		4,237.40	
	10	Manufacture of food products	52,788.60		3,481.70	
	11	Manufacture of beverages	2,841.80		366.60	
	12	Manufacture of tobacco products	1,932.50		389.10	
B_101835	Textile and Leather	Total	54,628.80		4,773.80	
	13	Manufacture of textiles	29,971.00		3,146.30	
	14	Manufacture of wearing apparel	21,529.60		1,427.00	
	15	Manufacture of leather and related products	3,128.20		200.50	
B_101840	Paper, Pulp and Print	Total	10,983.20		1,102.00	
	17	Manufacture of paper and paper products	8,125.20		869.60	
	18	Printing and reproduction of recorded media	2,858.00		232.40	
B_101846	Transport Equipment	Total	32,412.50		2,555.00	
	29	Manufacture of motor vehicles, trailers and semi-trailers	29,218.80		2,033.10	
	30	Manufacture of other transport equipment	3,193.70		521.90	
B_101847	Machinery	Total	59,367.60		6,072.30	
	25	Manufacture of fabricated metal products, except machinery and equipment	19,235.60		1,964.80	
	26	Manufacture of computer, electronic and optical products	4,380.40		433.20	
	27	Manufacture of electrical equipment	19,268.40		1,756.10	
	28	Manufacture of machinery and equipment n.e.c.	16,483.20		1,918.20	
B_101851	Wood and Wood Products	Total	4,792.20		602.70	
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	4,792.20		602.70	
B_101852	Construction	Total	87,905.29		3,585.99	
	41	Construction of buildings	47,295.79		1,301.45	
	42	Civil engineering	24,201.84		1,420.71	
	43	Specialised construction activities	16,407.65		863.84	
B_101853	Non-specified (Industry)	Total	29,584.80		2,663.80	
	22	Manufacture of rubber and plastic products	18,812.20		1,911.70	
	31	Manufacture of furniture	6,898.20		449.30	
	32	Other manufacturing	3,934.40		302.80	

Table B.37: BOSNIA and HERZEGOVINA - STRUCTURAL BUSINESS STATISTICS (Millions of €) - INDUSTRY - 2014

Indicator	NACE rev.2 Divisions	Description of the Class	Turnover or Grs.Prms,Wrt.	Flags & Footnotes	Gross Opt.	Surplus	Flags & Footnotes
B_101800	Industry	Total	8,174.70		1,112.80		
B_101805	Iron and Steel	Total	461.30		48.00		
	24.1	Manufacture of basic iron and steel and of ferro-alloys	402.30	e	42.70	e	e
	24.2	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	4.60	e	0.20	e	e
	24.3	Manufacture of other products of first processing of steel	33.80	e	1.20	e	e
	24.51	Casting of iron	10.80	e	-1.80	e	e
	24.52	Casting of steel	9.80	e	5.70	e	e
B_101810	Non-Ferrous Metals	Total	526.10		33.90		
	24.4	Manufacture of basic precious and other non-ferrous metals	443.50	e	8.60	e	e
	24.53	Casting of light metals	79.90	e	24.90	e	e
	24.54	Casting of other non-ferrous metals	2.70	e	0.40	e	e
B_101815	Chemical and Petrochemical	Total	281.90		60.60		
	20	Manufacture of chemicals and chemical products	194.90	e	38.60	e	e
	21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	87.00	e	22.00	e	e
B_101820	Non-Metallic Minerals	Total	271.80		47.80		
	23	Manufacture of other non-metallic mineral products	271.80	e	47.80	e	e
B_101825	Mining and Quarrying	Total	71.10		13.30		
	07.10	Mining of iron ores	:	ce	:	ce	ce
	07.29	Mining of other non-ferrous metal ores	:	ce	:	ce	ce
	08.11	Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate	37.60	e	6.10	e	e
	08.12	Operation of gravel and sand pits; mining of clays and kaolin	29.70	e	5.90	e	e
	08.91	Mining of chemical and fertiliser minerals	0.00	e	0.00	e	e
	08.93	Extraction of salt	:	ce	:	ce	ce
	08.99	Other mining and quarrying n.e.c.	3.80	e	1.30	e	e
	09.90	Support activities for other mining and quarrying	:	ce	:	ce	ce
B_101830	Food and Tobacco	Total	1,642.90		175.40		
	10	Manufacture of food products	1,411.60	e	140.30	e	e
	11	Manufacture of beverages	197.90	e	34.20	e	e
	12	Manufacture of tobacco products	33.40	e	0.90	e	e
B_101835	Textile and Leather	Total	651.20		70.50		
	13	Manufacture of textiles	313.60	e	34.80	e	e
	14	Manufacture of wearing apparel	137.50	e	22.00	e	e
	15	Manufacture of leather and related products	200.10	e	13.70	e	e
B_101840	Paper, Pulp and Print	Total	375.80		68.60		
	17	Manufacture of paper and paper products	242.70	e	39.40	e	e
	18	Printing and reproduction of recorded media	133.10	e	29.20	e	e
B_101846	Transport Equipment	Total	198.60		37.80		
	29	Manufacture of motor vehicles, trailers and semi-trailers	196.30	e	37.30	e	e
	30	Manufacture of other transport equipment	2.30	e	0.50	e	e
B_101847	Machinery	Total	973.00		143.30		
	25	Manufacture of fabricated metal products, except machinery and equipment	660.10	e	110.40	e	e
	26	Manufacture of computer, electronic and optical products	23.30	e	3.20	e	e
	27	Manufacture of electrical equipment	171.80	e	15.80	e	e
	28	Manufacture of machinery and equipment n.e.c.	117.80	e	13.90	e	e
B_101851	Wood and Wood Products	Total	469.60		61.40		
	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	469.60	e	61.40	e	e
B_101852	Construction	Total	1,643.50		285.50		
	41	Construction of buildings	571.40	e	113.80	e	e
	42	Civil engineering	666.40	e	95.10	e	e
	43	Specialised construction activities	405.70	e	76.60	e	e
B_101853	Non-specified (Industry)	Total	607.90		66.70		
	22	Manufacture of rubber and plastic products	309.70	e	38.60	e	e
	31	Manufacture of furniture	254.90	e	17.20	e	e
	32	Other manufacturing	43.30	e	10.90	e	e

Appendix C

EU Industry Sector, DEA Analysis Input/Output Data

All countries are included in *DEA Analysis Results, EU Industry 'Total' Industry - 2014* (see Table C.14) with missing main divisional statistical data replaced with "0" value. In all other *Sub-Sector Analysis*, only the countries which have full statistical data available are included. Under *Geography* column, the countries which are included in a particular analysis are aligned to the left side and the ones which are not included in the analysis are aligned to the right side. The DEA analysis results are included under *Efficiency Summary* column. All statistics under Appendix C are taken from the European Commission's Eurostat database [10] except the statistics of Turkey which are partially taken from the Turkish Statistical Institute [15].

Table C.1: DEA ANALYSIS RESULTS, EU 'IRON and STEEL' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets						Summary of Output Targets		
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	2,435.40	1.000	1,066.70	115.10	985.50	9.30	0.80	210.00	47.90	9,712.40	856.00
Bosnia and Herzegovina	364.50	1.000	276.40	0.00	25.20	0.00	0.00	62.90	0.00	461.30	48.00
Belgium	2,339.00	0.929	1,103.16	11.24	456.63	0.00	0.00	371.19	0.00	9,416.60	518.18
Bulgaria	112.10	1.000	0.00	0.00	50.60	0.00	0.00	61.60	0.00	754.20	23.10
Cyprus	0.20								Not Included in Analysis		
Czech Republic	1,943.60								Not Included in Analysis		
Germany	13,407.90	0.947	6,180.76	230.72	2,698.81	45.82	0.00	2,142.68	0.00	57,886.90	3,052.21
Denmark	74.00								Not Included in the Analysis		
Estonia	0.10								Not Included in the Analysis		
Greece	134.70	1.000	0.00	40.80	27.10	0.00	0.00	66.80	0.00	1,528.90	60.00
Spain	2,777.30	0.807	749.51	82.93	535.30	0.00	0.00	853.90	0.00	16,716.40	830.80
Finland	1,170.00								Not Included in the Analysis		
France	6,169.50	0.552	1,644.55	19.47	844.79	0.00	0.00	870.63	0.00	18,682.30	975.75
Croatia	23.80								Not Included in the Analysis		
Hungary	445.90	0.918	190.11	0.92	80.66	0.57	0.00	46.70	0.00	1,314.20	70.54
Ireland	1.10								Not Included in the Analysis		
Italy	5,060.70	1.000	1,951.00	72.00	1,365.80	93.70	0.00	1,578.20	0.00	36,126.40	1,769.50
Lithuania	2.40								Not Included in the Analysis		
Luxembourg	276.70								Not Included in the Analysis		
Latvia	1.60								Not Included in the Analysis		
Netherlands	2,368.50								Not Included in the Analysis		
Norway	857.90								Not Included in the Analysis		
Poland	2,610.00	1.000	1,166.20	3.20	885.40	37.90	0.00	517.20	0.00	8,169.30	789.50
Portugal	181.70	1.000	10.70	3.20	47.40	0.00	0.00	120.50	0.00	1,959.70	95.60
Romania	1,691.80	0.979	464.55	4.01	496.29	5.78	0.00	452.60	0.00	6,921.62	440.00
Sweden	1,546.40	1.000	749.00	260.70	164.50	0.00	0.00	372.20	0.00	8,554.20	525.40
Slovenia	143.90								Not Included in the Analysis		
Slovakia	2,264.40	1.000	1,237.00	0.00	810.00	0.00	3.70	213.70	0.00	3,213.90	167.80
Turkey	6,120.90	1.000	2,424.30	38.30	1,879.80	0.00	0.00	1,778.50	0.00	31,291.90	2,509.80
United Kingdom	3,902.80	1.000	2,674.50	7.20	895.60	0.00	0.00	325.50	0.00	13,591.70	810.20

Table C.2: DEA ANALYSIS RESULTS, EU 'NON-FERROUS METALS' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets			
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	201.40	1.000	3.40	5.90	99.20	1.30	1.10	86.80	3.60	5,191.80	403.80
Bosnia and Herzegovina	236.70	0.249	1.50	0.72	6.50	0.00	0.00	22.86	0.00	526.10	40.02
Belgium	282.10	1.000	0.00	2.00	111.00	0.00	0.00	166.60	2.50	8,173.70	327.80
Bulgaria	145.70	1.000	0.70	15.80	28.60	14.30	0.00	86.30	0.00	3,130.30	176.40
Cyprus	1.10							Not Included in the Analysis			
Czech Republic	64.00							Not Included in the Analysis			
Germany	2,002.00	0.860	26.75	40.86	646.57	9.35	0.00	992.35	5.42	40,830.70	2,125.99
Denmark	0.00							Not Included in the Analysis			
Estonia	2.40							Not Included in the Analysis			
Greece	828.20	0.371	5.39	3.93	94.66	0.00	0.00	150.29	0.00	4,113.50	335.70
Spain	1,000.60	1.000	25.20	51.30	117.30	0.00	1.80	805.00	0.00	12,829.50	880.30
Finland	246.10	1.000	5.40	24.90	1.30	47.60	0.00	166.90	0.00	2,265.90	257.90
France	1,017.20	1.000	4.30	15.40	333.80	0.00	0.00	663.70	0.00	9,988.10	520.20
Croatia	14.30							Not Included in the Analysis			
Hungary	120.80	1.000	0.00	1.00	71.20	15.10	0.00	33.40	0.00	1,417.40	174.80
Ireland	473.80							Not Included in the Analysis			
Italy	643.50	1.000	1.40	27.40	397.20	0.70	0.00	216.90	0.00	17,825.10	786.30
Lithuania	0.00							Not Included in the Analysis			
Luxembourg	0.00							Not Included in the Analysis			
Latvia	1.80							Not Included in the Analysis			
Netherlands	192.60							Not Included in the Analysis			
Norway	1,750.50							Not Included in the Analysis			
Poland	421.40	0.428	1.70	2.57	84.55	10.86	0.00	76.77	0.00	2,830.00	246.30
Portugal	25.60	1.000	0.00	2.20	12.90	0.00	0.00	10.50	0.00	563.70	29.10
Romania	0.00							Not Included in the Analysis			
Sweden	310.50	1.000	32.70	27.80	0.00	0.00	0.00	250.00	0.00	6,231.20	246.20
Slovenia	151.70	0.585	0.70	2.15	16.45	0.64	0.00	27.70	0.00	886.85	61.80
Slovakia	249.50	0.610	1.65	0.00	16.52	0.00	0.00	41.60	0.00	926.15	85.50
Turkey	627.20	1.000	10.60	3.00	405.70	0.00	0.00	207.80	0.00	7,932.80	652.30
United Kingdom	551.40	1.000	15.20	0.00	152.40	0.00	0.00	383.80	0.00	8,544.40	788.80

Table C.3: DEA ANALYSIS RESULTS, EU 'CHEMICAL and PETROCHEMICAL' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets				
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt.	Surplus
Austria	976.70	0.711	15.58	15.58	214.71	47.88	6.61	254.26	1.24	18,377.10		3,995.31
Bosnia and Herzegovina	14.10	1.000	0.00	3.20	1.60	0.00	0.00	9.30	0.00	281.90		60.60
Belgium	4,075.70	0.765	0.00	879.15	889.61	49.37	8.18	841.14	0.00	50,114.50		10,333.82
Bulgaria	820.40						Not Included in Analysis					
Cyprus	6.30	1.000	0.00	2.00	0.00	0.00	1.00	3.30	0.00	275.50		43.90
Czech Republic	1,066.00	1.000	185.80	1.00	317.60	241.60	0.60	316.80	2.60	8,075.70		1,034.90
Germany	14,196.10	0.400	207.76	273.47	2,033.41	530.15	24.50	1,838.20	28.14	211,993.90		50,876.27
Denmark	272.10	1.000	19.50	4.80	115.90	13.80	0.80	117.30	0.00	16,428.80		4,391.80
Estonia	30.60	1.000	0.00	2.20	4.00	11.40	0.00	13.00	0.00	611.40		68.10
Greece	161.80	1.000	0.00	66.60	38.40	0.00	0.00	56.70	0.00	3,312.70		729.90
Spain	3,979.80	1.000	187.00	115.70	2,884.80	0.00	5.10	787.20	0.00	51,785.20		5,955.60
Finland	980.30	1.000	0.00	293.90	16.00	246.00	7.10	405.90	11.30	9,611.20		1,677.20
France	4,719.00	1.000	475.20	365.20	1,994.70	0.00	129.30	1,754.60	0.00	111,705.50		7,715.40
Croatia	140.60	1.000	0.00	4.00	100.80	12.40	0.00	23.40	0.00	1,441.10		174.20
Hungary	1,150.60	0.554	0.00	172.02	121.56	2.92	0.72	152.31	0.00	8,975.70		1,931.78
Ireland	232.40						Not Included in Analysis					
Italy	3,722.70	1.000	1.40	486.30	1,028.30	902.00	6.80	1,221.20	76.60	75,165.30		7,828.20
Lithuania	334.50	1.000	0.00	1.10	72.00	195.60	1.30	64.50	0.00	2,060.00		167.30
Luxembourg	66.70						Not Included in Analysis					
Latvia	24.30						Not Included in Analysis					
Netherlands	6,736.10	0.879	0.00	870.66	1,396.11	112.57	0.00	922.75	0.00	54,582.80		10,725.37
Norway	1,420.30						Not Included in Analysis					
Poland	2,713.50	0.341	16.64	62.01	123.42	20.05	0.92	253.29	0.38	18,569.00		4,712.42
Portugal	373.30	1.000	0.70	10.10	142.10	36.90	0.90	181.90	0.90	5,619.50		481.70
Romania	1,649.90	0.076	3.59	0.88	21.33	2.54	0.15	21.59	0.00	3,023.80		808.33
Sweden	627.80						Not Included in Analysis					
Slovenia	151.60	1.000	0.00	6.10	44.80	27.60	14.40	56.90	1.80	3,363.80		627.40
Slovakia	271.90	1.000	0.00	3.10	94.60	57.20	0.00	103.40	13.40	1,931.20		80.30
Turkey	1,894.20	1.000	223.20	185.60	1,125.80	0.00	0.00	359.70	0.00	21,275.00		2,276.40
United Kingdom	3,127.90	1.000	47.30	117.10	1,118.20	467.10	0.00	1,378.20	0.00	56,198.50		9,556.50

Table C.4: DEA ANALYSIS RESULTS, EU 'NON-METALLIC MINERALS' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets						Summary of Output Targets		
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	880.60	1.000	67.30	71.50	300.50	0.50	119.10	158.60	163.20	6,595.20	675.30
Bosnia and Herzegovina	100.70	1.000	76.40	10.10	0.80	0.00	0.00	13.40	0.00	271.80	47.80
Belgium	1,425.40	0.571	190.73	57.36	208.68	0.00	0.00	140.59	0.00	8,268.90	734.59
Bulgaria	522.80	0.624	44.79	66.32	83.04	0.06	2.66	45.35	0.13	2,275.12	224.60
Cyprus	163.50	1.000	2.20	134.20	0.00	0.00	6.60	12.90	7.50	246.20	34.90
Czech Republic	1,014.30	1.000	148.20	10.60	483.50	18.10	1.40	188.10	164.50	4,907.90	783.60
Germany	6,500.70	0.900	1,212.78	344.35	1,660.67	4.39	9.37	937.91	79.97	53,058.88	4,825.20
Denmark	445.90	1.000	45.40	182.30	112.50	7.40	20.40	62.40	15.50	2,959.80	330.20
Estonia	130.10	1.000	76.10	1.00	16.70	1.30	0.00	18.00	16.90	441.10	36.60
Greece	760.30	1.000	69.20	545.00	26.10	0.00	25.50	94.40	0.00	1,815.70	462.70
Spain	3,260.40	1.000	8.00	1,236.50	1,368.50	0.00	165.20	482.20	0.00	15,507.20	1,568.20
Finland	294.50	1.000	49.00	90.80	42.00	10.40	21.60	64.20	16.50	3,082.50	298.00
France	3,768.10	0.973	244.88	85.69	1,845.58	0.00	0.00	503.98	0.00	28,738.20	2,245.16
Croatia	334.00	0.606	49.73	18.56	14.18	0.00	0.19	28.81	0.00	1,689.30	160.10
Hungary	446.50	1.000	27.80	71.50	191.20	3.20	7.20	103.50	42.00	2,119.80	332.60
Ireland	373.70	0.866	74.31	134.50	12.73	0.00	5.78	41.06	4.14	1,623.70	192.10
Italy	4,486.80	0.817	254.09	825.75	1,605.51	27.21	86.03	631.47	108.89	28,303.70	2,559.30
Lithuania	174.10	1.000	113.50	4.90	23.20	0.00	10.20	22.20	0.00	525.90	72.50
Luxembourg	116.30	1.000	43.10	1.00	28.80	0.00	5.80	22.20	15.30	673.20	45.90
Latvia	156.70	0.864	25.91	5.27	27.81	0.15	0.00	16.11	1.99	870.48	75.60
Netherlands	551.70	1.000	33.90	13.00	404.40	0.00	0.00	100.30	0.00	5,688.80	433.70
Norway	303.70	1.000	76.60	54.80	50.10	0.40	28.60	86.50	6.60	3,980.10	368.10
Poland	2,627.90	1.000	621.20	57.90	1,022.80	25.20	53.80	387.70	459.30	11,613.10	1,979.80
Portugal	1,175.40	1.000	0.00	410.40	426.30	7.60	80.00	166.00	85.10	3,677.50	467.00
Romania	846.90	0.732	53.07	207.96	178.31	1.83	34.77	116.42	24.23	3,834.11	447.80
Sweden	310.20	1.000	144.30	42.50	41.00	0.00	0.00	82.40	0.00	4,913.40	459.30
Slovenia	182.10	0.861	11.62	35.12	50.44	0.52	2.75	24.60	4.34	864.30	99.30
Slovakia	427.10	0.666	36.72	12.02	96.43	0.02	0.07	38.66	0.05	2,239.13	188.20
Turkey	5,424.90	0.726	733.68	222.52	1,051.25	0.00	0.00	591.76	0.00	34,662.30	3,030.80
United Kingdom	2,621.40	0.602	371.59	113.87	685.06	0.00	0.00	331.01	0.00	19,308.89	1,661.00

Table C.5: DEA ANALYSIS RESULTS, EU 'MINING And QUARRYING' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets		
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.
Austria	161.50							Not Included in the Analysis		
Bosnia and Herzegovina	19.80							Not Included in the Analysis		
Belgium	37.70							Not Included in the Analysis		
Bulgaria	87.70							Not Included in the Analysis		
Cyprus	5.60							Not Included in the Analysis		
Czech Republic	82.30							Not Included in the Analysis		
Germany	347.00							Not Included in the Analysis		
Denmark	56.40							Not Included in the Analysis		
Estonia	11.60							Not Included in the Analysis		
Greece	75.40							Not Included in the Analysis		
Spain	446.90							Not Included in the Analysis		
Finland	179.30							Not Included in the Analysis		
France	169.40							Not Included in the Analysis		
Croatia	14.70							Not Included in the Analysis		
Hungary	24.00							Not Included in the Analysis		
Ireland	106.60							Not Included in the Analysis		
Italy	121.30							Not Included in the Analysis		
Lithuania	5.00		NO ANALYSIS IS DONE IN THIS SECTOR AS ONLY ONE COUNTRY HAS FULL STATISTICAL DATA AVAILABLE							
Luxembourg	2.20							Not Included in the Analysis		
Latvia	8.50							Not Included in the Analysis		
Netherlands	92.70							Not Included in the Analysis		
Norway	116.90							Not Included in the Analysis		
Poland	360.50							Not Included in the Analysis		
Portugal	104.70							Not Included in the Analysis		
Romania	40.10							Not Included in the Analysis		
Sweden	167.90							Not Included in the Analysis		
Slovenia	16.70							Not Included in the Analysis		
Slovakia	6.50							Not Included in the Analysis		
Turkey	239.70							Not Included in the Analysis		
United Kingdom	13.20							Not Included in the Analysis		

Table C.6: DEA ANALYSIS RESULTS, EU 'FOOD And TOBACCO' INDUSTRY - 2014

Geography		Total Energy Used	Efficiency Summary	Summary of Input Targets						Summary of Output Targets			
				Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus	
Austria		550.10	1.000	4.10	49.40	261.30	29.30	16.10	189.90	0.00	22,040.00	1,906.60	
Bosnia and Herzegovina		45.50	1.000	6.80	15.30	4.90	0.00	0.00	18.40	0.00	1,642.90	175.40	
Belgium		1,342.60	1.000	20.70	9.10	725.70	44.70	72.50	469.90	0.00	45,669.40	3,444.60	
Bulgaria		233.60	1.000	1.00	10.10	95.40	6.10	20.10	100.90	0.00	5,764.30	506.50	
Cyprus		33.90		Not Included in the Analysis									
Czech Republic		570.20		Not Included in the Analysis									
Germany		5,001.30	1.000	223.20	198.30	2,655.30	246.80	123.40	1,554.10	0.20	209,790.90	12,039.00	
Denmark		561.20	1.000	33.40	46.80	258.10	22.80	6.40	193.40	0.40	27,179.40	1,577.70	
Estonia		63.60	0.948	0.00	7.18	10.06	2.56	0.57	25.88	0.00	2,383.80	169.60	
Greece		522.80	1.000	0.00	157.80	67.20	0.00	110.70	187.00	0.00	13,755.90	1,954.50	
Spain		2,279.10	1.000	19.90	302.90	765.00	0.00	253.90	937.50	0.00	106,048.90	9,551.20	
Finland		388.50	1.000	25.00	48.50	17.90	151.50	7.10	138.40	0.00	11,153.50	1,022.20	
France		4,397.90	1.000	153.20	214.30	2,143.40	0.00	100.70	1,786.30	0.00	185,576.40	12,418.10	
Croatia		214.40	0.807	11.22	6.06	86.74	9.36	1.86	48.49	0.00	6,025.96	483.10	
Hungary		566.30	0.856	1.71	13.44	152.52	21.31	13.16	125.30	0.00	11,643.30	925.90	
Ireland		423.20		Not Included in the Analysis									
Italy		2,737.20	1.000	0.00	150.70	1,149.10	378.00	30.00	1,029.40	0.00	129,256.00	10,199.80	
Lithuania		184.70		Not Included in the Analysis									
Luxembourg		19.00		Not Included in the Analysis									
Latvia		88.80		Not Included in the Analysis									
Netherlands		1,991.70	1.000	24.50	5.20	1,291.20	107.90	17.90	545.00	0.00	71,297.60	5,380.20	
Norway		393.10	1.000	0.00	68.30	42.50	17.80	4.10	260.40	0.00	23,197.90	1,580.20	
Poland		1,845.00	1.000	594.40	83.20	599.40	50.60	23.60	493.90	0.00	58,238.90	5,151.90	
Portugal		430.30	1.000	0.00	79.80	124.60	40.20	26.00	159.60	0.00	15,865.30	1,520.30	
Romania		556.80	0.697	6.20	25.15	130.44	5.75	21.51	105.95	0.00	12,487.27	1,071.40	
Sweden		355.10		Not Included in the Analysis									
Slovenia		72.80	1.000	0.00	11.30	33.10	2.80	1.40	24.20	0.00	2,158.80	180.20	
Slovakia		135.10		Not Included in the Analysis									
Turkey		1,674.70	1.000	250.60	171.30	685.00	0.00	0.00	567.80	0.00	57,562.90	4,237.40	
United Kingdom		2,620.80		Not Included in the Analysis									

Table C.7: DEA ANALYSIS RESULTS, EU 'TEXTILE And LEATHER' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets			
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	78.40	0.700	0.00	2.73	24.78	0.70	0.01	20.71	0.00	3,414.01	283.90
Bosnia and Herzegovina	14.30	0.725	0.08	1.52	0.58	0.00	0.00	6.32	0.00	651.20	78.51
Belgium	183.90	1.000	0.00	1.00	84.60	0.70	0.70	96.80	0.00	5,314.80	464.20
Bulgaria	62.40	0.876	0.00	2.63	14.19	1.09	0.00	14.48	0.00	2,291.42	234.60
Cyprus	0.40						Not Included in the Analysis				
Czech Republic	125.90	0.814	0.00	0.81	41.42	3.07	0.00	23.80	0.00	3,262.07	348.90
Germany	471.00	0.824	0.00	19.44	192.87	8.09	0.07	150.62	0.00	25,358.40	2,195.90
Denmark	18.10						Not Included in the Analysis				
Estonia	14.80	0.713	0.00	0.71	1.64	0.00	0.00	3.30	0.00	460.60	43.67
Greece	32.90	0.884	0.00	3.78	1.08	0.00	0.00	14.93	0.00	1,589.10	192.70
Spain	322.70	0.552	0.00	13.03	80.65	0.00	0.06	77.15	0.00	14,088.40	1,055.70
Finland	38.40	0.683	0.00	2.42	5.26	0.34	0.00	12.01	0.00	1,327.90	157.56
France	277.90	1.000	0.00	21.20	131.20	0.00	0.10	125.50	0.00	22,917.50	1,717.30
Croatia	27.60	0.759	0.00	1.52	8.12	0.57	0.00	10.11	0.00	1,159.40	134.76
Hungary	38.20	1.000	0.00	0.90	19.50	0.30	0.30	17.20	0.00	1,435.10	139.80
Ireland	18.90	0.542	0.00	1.41	0.40	0.00	0.00	5.59	0.00	594.57	72.10
Italy	1,137.60	1.000	0.00	71.50	571.20	44.50	0.10	450.30	0.00	78,667.20	7,766.70
Lithuania	28.70	0.558	0.00	0.56	7.14	0.54	0.00	4.95	0.00	795.49	80.60
Luxembourg	29.60						Not Included in the Analysis				
Latvia	8.60	0.785	0.00	0.00	4.08	0.30	0.00	2.18	0.00	276.60	30.45
Netherlands	87.50	1.000	0.00	0.00	54.40	4.00	0.00	29.10	0.00	3,687.70	405.90
Norway	11.00	1.000	0.00	2.10	0.60	0.00	0.00	8.30	0.00	883.20	107.10
Poland	122.20	1.000	11.10	11.40	40.00	13.10	0.10	46.40	0.00	5,784.00	752.70
Portugal	297.30	0.534	0.00	7.15	70.11	1.90	0.03	56.16	0.00	9,481.70	772.10
Romania	178.30	0.726	0.00	1.60	68.06	2.54	0.57	53.11	0.00	4,756.46	480.60
Sweden	21.40						Not Included in the Analysis				
Slovenia	23.00	0.524	0.00	0.85	4.71	0.23	0.00	4.77	0.00	789.00	73.00
Slovakia	37.50	1.000	0.00	0.00	24.40	1.20	0.00	11.80	0.00	1,370.00	118.50
Turkey	2,277.20	1.000	311.50	25.40	597.20	0.00	0.00	1,343.20	0.00	54,628.80	4,773.80
United Kingdom	718.50	0.573	4.95	28.75	17.59	0.00	0.00	133.36	0.00	12,787.93	1,521.30

Table C.8: DEA ANALYSIS RESULTS, EU 'PAPER, PULP And PRINT' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets			
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	1,701.40	0.344	0.00	3.95	147.53	7.32	41.62	138.55	0.00	8,518.22	951.80
Bosnia and Herzegovina	25.00	1.000	3.90	6.70	0.80	0.00	0.00	13.70	0.00	375.80	68.60
Belgium	707.50	1.000	19.50	13.60	119.60	20.40	300.30	221.80	12.20	8,789.10	798.40
Bulgaria	212.30	0.536	0.53	2.04	15.03	0.21	50.83	18.66	0.00	978.42	138.30
Cyprus	2.30						Not Included in the Analysis				
Czech Republic	601.50	0.698	0.00	0.70	71.59	2.01	35.30	103.10	0.00	4,015.20	548.03
Germany	5,821.00	0.532	0.00	19.59	1,121.86	132.89	261.25	1,003.80	0.00	58,774.60	6,481.60
Denmark	76.20	1.000	0.00	2.10	39.60	3.20	4.10	27.20	0.00	2,416.10	203.70
Estonia	59.30	0.583	0.00	0.00	8.27	0.35	3.55	9.55	0.00	439.20	61.49
Greece	98.60	1.000	0.00	20.60	28.60	0.00	2.30	47.10	0.00	1,722.90	236.10
Spain	1,800.30	1.000	0.00	87.30	899.80	0.00	312.60	500.50	0.00	17,612.90	1,692.80
Finland	5,935.70	0.479	22.60	63.90	219.72	32.06	1,395.81	764.43	12.31	20,269.20	2,088.40
France	2,384.00	1.000	14.90	56.30	1,023.10	0.00	574.60	714.60	0.50	26,803.60	1,203.20
Croatia	57.30	1.000	0.00	2.10	29.20	4.30	0.10	21.60	0.00	925.80	104.20
Hungary	196.00	0.723	0.00	2.89	56.46	24.99	5.86	49.59	0.00	3,093.70	297.00
Ireland	23.90						Not Included in the Analysis				
Italy	2,243.80	1.000	0.00	60.70	600.00	837.00	0.40	745.70	0.00	31,967.10	3,365.70
Lithuania	30.00	1.000	0.00	0.00	11.20	0.20	5.20	13.40	0.00	609.30	87.20
Luxembourg	8.00						Not Included in the Analysis				
Latvia	5.10						Not Included in the Analysis				
Netherlands	600.40	1.000	0.00	0.00	297.60	99.60	5.20	198.00	0.00	11,246.10	973.20
Norway	395.30	1.000	0.00	6.80	14.10	6.90	60.50	307.00	0.00	2,104.80	145.20
Poland	1,551.80	1.000	269.70	36.90	167.00	64.50	647.10	363.50	3.00	11,335.20	1,880.10
Portugal	1,311.10	0.848	0.00	29.68	76.49	3.31	42.36	222.61	0.00	4,906.87	627.10
Romania	102.50						Not Included in the Analysis				
Sweden	3,895.00	1.000	11.20	154.20	11.80	0.00	3,717.90	0.00	0.00	16,177.10	1,855.50
Slovenia	167.50	0.473	2.15	0.99	22.30	0.47	4.17	27.55	0.00	1,168.50	158.37
Slovakia	443.20	0.713	0.00	0.00	31.15	0.56	14.46	37.27	0.00	1,694.80	242.55
Turkey	590.50	1.000	95.80	29.90	188.70	0.00	0.00	276.10	0.00	10,983.20	1,102.00
United Kingdom	1,629.30	1.000	82.50	33.80	607.40	0.00	0.00	905.60	0.00	27,071.20	4,691.40

Table C.9: DEA ANALYSIS RESULTS, EU 'TRANSPORT EQUIPMENT' INDUSTRY - 2014

Geography		Total	Efficiency	Summary of Input Targets							Summary of Output Targets				
		Energy Used	Summary	Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or	Grs.Prms.Wrt.	Gross Opt.	Surplus	
Austria		127.60	1.000	0.00	3.10	39.40	18.00	1.20	66.00	0.00	17,161.80		1,598.60		
Bosnia and Herzegovina		5.20						Not Included in the Analysis							
Belgium		253.00	1.000	0.00	6.10	58.90	0.00	0.00	188.00	0.00	19,294.80		724.20		
Bulgaria		15.40	1.000	0.00	0.00	6.60	0.00	0.00	8.80	0.00	1,056.40		126.50		
Cyprus		0.20						Not Included in the Analysis							
Czech Republic		404.20	1.000	7.10	1.00	139.60	46.90	0.30	209.20	0.00	38,269.60		4,110.20		
Germany		2,866.70	1.000	0.00	42.70	850.10	373.90	6.30	1,593.80	0.00	461,718.90		30,540.60		
Denmark		15.00	1.000	0.00	0.00	5.70	0.90	0.50	8.00	0.00	1,475.30		119.10		
Estonia		10.30						Not Included in the Analysis							
Greece		20.20						Not Included in the Analysis							
Spain		461.70	1.000	0.00	31.30	131.90	0.00	0.30	298.20	0.00	69,450.70		4,869.00		
Finland		56.40	0.469	0.00	0.00	0.05	3.41	0.00	11.29	0.00	3,135.25		160.00		
France		893.60	1.000	8.20	25.50	443.50	0.00	7.00	409.40	0.00	153,508.50		6,202.50		
Croatia		10.00						Not Included in the Analysis							
Hungary		195.40	1.000	0.00	2.10	59.90	7.20	0.10	126.10	0.00	23,193.10		2,455.50		
Ireland		21.80						Not Included in the Analysis							
Italy		374.00	1.000	0.00	0.00	0.00	86.80	0.00	287.20	0.00	79,776.60		4,049.20		
Lithuania		3.90						Not Included in the Analysis							
Luxembourg		1.90						Not Included in the Analysis							
Latvia		6.70						Not Included in the Analysis							
Netherlands		101.60	1.000	0.00	5.10	49.30	0.10	0.00	47.10	0.00	15,284.00		1,089.20		
Norway		64.50	1.000	0.00	8.50	1.20	2.70	0.10	52.00	0.00	11,570.00		584.50		
Poland		389.40	0.753	2.51	12.57	70.81	34.09	0.00	164.13	0.00	49,305.64		3,477.30		
Portugal		51.00	1.000	0.00	5.30	14.90	0.00	0.00	30.80	0.00	6,807.90		441.90		
Romania		207.10	0.731	0.00	0.00	46.27	7.90	0.00	87.83	0.00	14,666.00		1,255.38		
Sweden		188.90	1.000	3.40	17.10	0.00	0.00	0.00	168.40	0.00	36,819.20		910.10		
Slovenia		32.40						Not Included in Analysis							
Slovakia		199.40	0.828	0.91	5.05	52.40	2.65	0.08	103.90	0.00	21,646.80		1,657.89		
Turkey		133.50	1.000	3.50	13.10	116.90	0.00	0.00	0.00	0.00	32,412.50		2,555.00		
United Kingdom		964.30	1.000	33.40	192.00	336.00	0.00	0.00	402.90	0.00	117,738.80		15,846.60		

Table C.10: DEA ANALYSIS RESULTS, EU 'MACHINERY' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets				
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt.	Surplus
Austria	601.40	0.629	0.00	21.45	113.72	0.51	0.67	204.17	0.00	57,287.23		5,297.10
Bosnia and Herzegovina	22.10	1.000	1.10	4.20	0.00	0.20	0.00	16.70	0.00	973.00		143.30
Belgium	190.00	1.000	0.00	18.20	121.00	0.00	1.50	49.30	0.00	30,876.80		3,430.30
Bulgaria	116.90	0.395	0.00	1.62	13.22	0.11	0.00	30.63	0.00	7,407.59		654.40
Cyprus	1.50						Not Included in the Analysis					
Czech Republic	694.60	0.643	1.15	3.28	145.14	0.74	0.00	229.23	0.00	45,310.31		5,034.80
Germany	5,683.80	0.630	0.00	193.97	1,048.90	9.22	3.76	2,127.52	0.00	572,669.80		50,763.22
Denmark	230.60	0.900	0.00	22.42	55.18	0.47	0.98	110.91	0.00	31,608.10		2,976.65
Estonia	37.30	0.859	0.00	0.95	5.41	0.04	0.00	18.29	0.00	3,858.30		343.58
Greece	36.40	1.000	0.00	15.60	2.90	0.00	0.90	17.00	0.00	5,557.30		683.50
Spain	829.20	0.752	0.00	35.13	115.00	0.00	0.60	310.46	0.00	65,041.90		6,408.50
Finland	318.90						Not Included in the Analysis					
France	1,539.80	0.859	0.00	78.89	232.99	0.00	2.58	672.68	0.00	161,053.10		15,225.42
Croatia	67.90	0.527	0.00	1.85	9.54	0.05	0.05	18.14	0.00	4,988.83		458.50
Hungary	403.00	0.630	0.00	5.36	108.36	0.99	0.00	133.25	0.00	41,751.30		3,685.50
Ireland	245.60	1.000	0.00	13.60	111.70	0.00	0.00	120.40	0.00	16,991.30		2,498.10
Italy	3,314.90	0.533	0.00	43.38	722.14	6.41	0.27	895.62	0.00	283,177.79		25,028.70
Lithuania	21.60	1.000	0.00	0.00	5.60	1.50	0.30	14.20	0.00	1,553.70		185.20
Luxembourg	9.90						Not Included in the Analysis					
Latvia	19.50	1.000	0.60	0.00	5.60	1.10	2.90	9.30	0.00	1,178.10		161.80
Netherlands	494.20	1.000	0.00	8.40	238.30	2.20	0.00	245.30	0.00	83,960.30		7,414.10
Norway	139.00						Not Included in the Analysis					
Poland	716.30	0.667	0.00	20.21	140.52	0.97	0.37	252.16	0.00	70,085.68		6,286.40
Portugal	162.20	0.533	0.00	5.27	17.37	0.11	0.05	59.89	0.00	14,019.79		1,235.40
Romania	401.40	0.279	0.00	5.17	52.45	0.28	0.27	48.62	0.00	17,891.63		1,703.10
Sweden	354.40	1.000	0.00	28.60	11.60	0.00	0.00	314.20	0.00	60,356.70		5,143.00
Slovenia	132.30	0.411	0.00	5.62	13.75	0.00	0.24	31.94	0.00	8,567.49		832.30
Slovakia	201.40	1.000	0.30	2.10	82.40	0.00	4.10	111.90	0.70	18,805.20		1,598.30
Turkey	558.00	1.000	0.00	0.00	45.20	0.00	0.00	512.70	0.00	59,367.60		6,072.30
United Kingdom	1,742.60	1.000	12.10	4.80	642.50	0.00	0.00	1,083.10	0.00	126,354.60		21,271.80

Table C.11: DEA ANALYSIS RESULTS, EU 'WOOD and WOOD PRODUCTS' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets			
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	669.20	0.487	0.00	1.23	26.30	1.93	152.78	75.94	0.06	7,716.10	858.40
Bosnia and Herzegovina	14.30	1.000	0.40	1.00	0.00	0.10	0.00	12.70	0.00	469.60	61.40
Belgium	203.90	1.000	0.00	0.00	17.90	0.00	153.60	32.40	0.00	3,278.10	252.60
Bulgaria	63.80	0.740	0.00	0.00	3.77	0.00	30.91	6.73	0.00	665.01	51.50
Cyprus	0.40						Not Included in the Analysis				
Czech Republic	214.80	0.843	0.00	0.46	20.82	0.52	66.61	34.81	0.00	3,973.14	428.60
Germany	1,852.30	0.669	0.00	0.59	88.48	1.84	505.00	246.18	0.00	25,201.40	2,866.89
Denmark	62.80	1.000	0.00	2.00	2.80	2.30	36.10	19.40	0.10	1,579.90	129.30
Estonia	121.70	0.655	0.00	0.25	5.31	0.11	43.18	20.58	0.00	1,851.90	195.25
Greece	24.60	0.826	0.00	0.36	0.74	0.00	9.50	8.10	0.00	313.50	17.89
Spain	466.40	0.734	0.00	0.94	25.63	0.00	232.64	68.74	0.00	5,407.50	411.54
Finland	527.90	0.954	1.04	5.93	0.19	0.42	193.12	120.32	0.01	6,360.20	512.68
France	780.10	1.000	0.00	20.80	61.70	0.00	262.40	435.20	0.00	12,128.80	534.40
Croatia	33.10	1.000	0.00	0.00	1.70	2.80	8.20	20.50	0.00	750.60	84.10
Hungary	55.40	1.000	0.00	3.00	3.10	0.00	28.20	21.10	0.00	884.80	84.20
Ireland	147.60	0.761	0.00	0.89	1.37	0.00	64.81	26.40	0.00	1,650.89	115.10
Italy	413.90	1.000	0.00	0.00	30.10	36.30	98.70	248.80	0.00	13,146.10	1,321.10
Lithuania	83.50	0.495	0.06	0.50	3.17	0.34	19.46	12.72	0.00	1,064.20	115.36
Luxembourg	24.70	1.000	0.00	0.00	2.70	0.00	20.90	1.10	0.00	193.40	8.50
Latvia	420.90	0.500	0.00	0.48	6.36	0.13	62.09	29.32	0.00	2,491.26	252.50
Netherlands	67.00	1.000	0.00	1.10	24.20	0.70	24.00	16.90	0.00	2,506.30	217.60
Norway	141.80	1.000	0.00	7.20	2.50	5.40	68.70	58.00	0.00	3,211.50	187.50
Poland	814.30	0.577	0.78	1.96	27.91	0.78	148.28	97.52	0.00	8,577.00	1,004.50
Portugal	99.30	1.000	0.00	6.20	9.00	3.30	38.50	42.20	0.00	2,908.10	224.40
Romania	274.40	0.417	0.00	0.30	16.66	0.74	59.91	32.66	0.00	3,510.92	384.30
Sweden	525.40	1.000	0.00	6.00	0.00	0.00	358.00	161.40	0.00	9,446.60	646.20
Slovenia	60.70	0.736	0.00	0.24	1.47	0.03	21.86	10.16	0.00	774.43	72.00
Slovakia	42.80	1.000	0.00	0.00	4.80	0.10	25.50	12.50	0.00	1,317.10	152.10
Turkey	340.00	1.000	0.00	0.00	153.80	0.00	0.00	186.20	0.00	4,792.20	602.70
United Kingdom	0.00						Not Included in the Analysis				

Table C.12: DEA ANALYSIS RESULTS, EU 'CONSTRUCTION' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets						Summary of Output Targets		
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	470.00	0.539	0.00	174.75	21.55	0.02	5.77	29.42	0.00	43,341.70	4,177.10
Bosnia and Herzegovina	25.80	0.884	0.00	18.12	0.00	0.00	0.00	4.60	0.00	3,189.35	285.50
Belgium	164.00	1.000	0.00	52.40	42.30	0.00	0.00	69.30	0.00	62,065.00	6,681.10
Bulgaria	74.20	0.314	0.00	10.08	5.53	0.05	0.06	7.04	0.00	7,924.50	618.10
Cyprus	3.50										
Czech Republic	173.20	0.415	0.25	20.41	29.70	0.02	0.00	13.06	0.00	25,390.50	4,263.18
Germany	0.00										
Denmark	154.20	1.000	0.00	112.30	11.10	0.00	0.00	30.70	0.00	28,316.20	2,206.00
Estonia	48.40	0.471	0.00	16.09	2.49	0.00	0.05	3.15	0.00	3,910.40	250.10
Greece	151.00	1.000	0.00	144.80	0.00	0.00	6.20	0.10	0.00	11,081.70	2,302.40
Spain	1,280.00	0.488	0.00	107.21	71.12	0.00	0.00	100.37	0.00	98,546.30	9,410.00
Finland	405.20	1.000	0.00	368.00	0.00	0.00	0.00	37.20	0.00	28,998.40	2,639.60
France	1,026.60	1.000	0.00	589.20	253.80	0.00	0.00	183.60	0.00	288,852.70	13,862.20
Croatia	100.20	1.000	0.00	93.20	0.00	0.00	0.00	7.00	0.00	5,062.50	680.30
Hungary	201.90	0.280	0.10	33.24	12.39	0.00	0.76	6.26	0.00	13,043.90	1,875.24
Ireland	6.30										
Italy	352.70	1.000	0.00	31.60	212.70	0.70	0.00	107.60	0.00	170,611.60	19,007.70
Lithuania	37.10	0.408	0.00	5.47	4.57	0.01	0.14	3.59	0.00	4,920.40	492.50
Luxembourg	18.60	0.707	0.02	1.41	1.91	0.00	0.00	8.48	0.00	6,887.90	681.16
Latvia	36.60	0.379	0.05	6.60	3.68	0.00	0.20	2.54	0.00	4,177.20	786.09
Netherlands	606.80	0.592	0.72	247.69	57.64	0.00	9.12	44.14	0.00	79,287.00	14,546.20
Norway	276.80	0.689	0.00	111.69	0.41	0.00	3.10	75.70	0.00	57,388.97	4,914.80
Poland	164.00	0.948	0.35	45.33	27.60	0.00	1.29	61.45	0.00	59,925.20	7,840.20
Portugal	128.80	0.574	0.00	48.42	7.53	0.00	1.33	16.03	0.00	18,134.40	1,403.68
Romania	369.60	0.238	0.10	28.27	20.62	0.04	0.64	9.88	0.00	18,170.44	2,797.30
Sweden	92.80	1.000	0.00	0.00	0.00	0.00	0.00	92.80	0.00	63,272.70	4,397.40
Slovenia	24.30	1.000	0.00	16.30	4.40	0.20	0.10	3.30	0.00	4,787.60	472.70
Slovakia	27.50	0.825	0.00	6.68	8.31	0.03	0.23	4.21	0.00	7,081.20	829.08
Turkey	505.20	0.537	0.00	0.00	0.00	0.00	0.00	128.93	0.00	87,905.29	6,109.35
United Kingdom	633.40	1.000	4.20	181.80	329.30	0.00	0.00	118.10	0.00	268,299.20	58,703.90

Table C.13: DEA ANALYSIS RESULTS, EU 'NON-SPECIFIED (INDUSTRY)' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets			
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms. Wrt.	Gross Opt. Surplus
Austria	236.20	0.813	0.00	7.97	20.94	9.02	23.41	113.72	0.00	13,176.30	2,757.03
Bosnia and Herzegovina	46.00	1.000	0.40	2.10	0.00	0.00	32.70	10.70	0.00	607.90	66.70
Belgium	478.50	0.471	9.28	23.16	41.12	0.00	3.11	79.27	0.00	11,927.40	1,525.49
Bulgaria	152.80	1.000	0.00	0.00	11.50	91.40	2.10	47.70	0.00	2,034.40	278.70
Cyprus	2.80	1.000	0.00	0.00	0.00	0.00	0.00	2.80	0.00	164.40	15.90
Czech Republic	526.60	0.459	0.83	45.67	12.69	0.87	0.31	105.90	0.00	13,734.20	2,932.49
Germany	2,565.20	0.766	6.97	138.26	171.35	113.45	75.64	1,141.49	0.00	136,256.10	22,172.42
Denmark	120.70	1.000	0.00	2.10	18.40	8.30	21.80	70.20	0.00	9,338.20	2,092.50
Estonia	26.50	0.487	0.00	0.49	1.80	0.73	1.93	7.59	0.00	950.70	207.20
Greece	241.20	0.152	0.00	5.77	1.31	0.00	0.02	29.19	0.00	2,583.70	456.37
Spain	1,101.60	1.000	0.00	36.70	698.00	0.00	60.60	306.30	0.00	27,038.90	2,950.90
Finland	170.70	0.630	0.13	17.40	3.87	0.00	0.04	38.56	0.00	4,937.10	1,094.94
France	772.20	1.000	71.90	50.70	293.70	0.00	24.10	331.80	0.00	56,445.60	3,726.90
Croatia	59.30						Not Included in the Analysis				
Hungary	246.90	0.551	0.00	1.76	5.94	4.79	4.24	80.42	0.00	7,021.30	982.69
Ireland	166.20	1.000	0.00	49.10	9.50	0.00	0.00	107.70	0.00	13,719.20	3,086.30
Italy	1,555.50	0.895	0.00	27.04	16.74	16.79	0.70	1,164.04	0.00	78,194.70	8,690.39
Lithuania	65.70	0.537	0.00	1.72	2.90	2.09	2.06	22.61	0.00	2,494.60	417.90
Luxembourg	39.40						Not Included in the Analysis				
Latvia	12.00	0.765	0.00	0.77	1.22	0.23	0.65	4.36	0.00	509.60	106.67
Netherlands	378.60	1.000	10.00	2.10	116.30	1.20	83.00	166.00	0.00	14,428.10	1,716.20
Norway	54.20	0.742	0.00	10.02	2.00	0.10	0.00	26.19	0.00	3,079.00	657.58
Poland	715.60	0.635	7.60	17.41	71.68	17.67	48.95	232.77	0.00	29,819.80	5,504.04
Portugal	62.60	1.000	0.00	3.20	7.20	9.60	0.40	42.10	0.00	6,256.80	810.70
Romania	152.00	0.637	0.00	9.49	10.70	2.93	7.92	58.81	0.00	6,626.00	1,370.87
Sweden	2,852.40	0.067	0.00	1.93	3.26	4.20	0.18	153.64	0.00	10,758.00	1,149.45
Slovenia	71.50	0.490	0.00	1.52	3.40	2.75	2.26	17.79	0.00	2,422.10	418.02
Slovakia	142.40	1.000	0.00	6.10	57.00	0.00	2.20	77.20	0.00	5,422.20	750.90
Turkey	7,528.60	0.153	0.00	8.44	45.56	29.21	42.90	243.40	0.00	29,584.80	5,452.18
United Kingdom	6,928.30	0.195	4.19	24.30	78.41	65.97	25.00	341.46	0.00	50,099.20	7,139.90

Table C.14: DEA ANALYSIS RESULTS, EU INDUSTRY 'TOTAL' INDUSTRY - 2014

Geography	Total Energy Used	Efficiency Summary	Summary of Input Targets					Summary of Output Targets			
			Solid	Petroleum	Gas	Derived Heat	Renewable	Electrical	Waste	Turnover or Grs.Prms.Wrt.	Gross Opt. Surplus
Austria	9,090.00	0.714	577.63	477.87	1,706.20	190.17	242.38	1,629.92	50.68	207,747.40	20,226.80
Bosnia and Herzegovina	934.00	1.000	424.50	78.30	61.90	0.50	32.70	336.20	0.00	8,174.70	1,112.80
Belgium	11,683.20	0.464	217.21	832.16	1,464.77	169.58	247.18	1,505.56	34.53	264,013.80	29,872.98
Bulgaria	2,620.20	0.385	68.34	74.92	262.36	70.23	16.43	288.05	8.70	31,394.00	3,265.60
Cyprus	221.70	1.000	2.20	163.50	0.00	0.00	8.70	39.80	7.50	4,433.00	442.70
Czech Republic	7,481.00	0.963	1,310.43	284.55	2,143.21	233.06	395.97	1,905.44	144.62	164,753.40	18,577.60
Germany	60,715.00	1.000	9,099.50	3,003.40	21,045.60	4,160.80	2,717.00	19,670.90	1,017.80	2,097,366.50	165,638.10
Denmark	2,087.20	1.000	101.20	388.70	683.70	79.10	115.40	702.80	16.10	123,284.60	13,951.80
Estonia	556.80	0.741	24.79	46.14	72.43	13.86	66.06	125.62	1.63	14,850.60	1,537.40
Greece	3,088.00	1.000	226.70	1,127.60	463.80	0.00	163.40	1,106.50	0.00	46,654.00	7,426.90
Spain	20,005.80	1.000	1,169.20	2,557.10	8,978.50	0.00	1,139.50	6,161.40	0.00	502,741.20	44,663.30
Finland	10,711.70	0.592	364.21	788.51	468.82	134.62	1,311.99	1,750.00	33.57	141,961.40	19,191.14
France	27,915.50	1.000	3,980.80	2,270.40	10,790.20	0.00	1,296.50	9,577.10	0.50	1,082,226.10	59,899.60
Croatia	1,097.10	0.467	22.00	65.16	127.54	19.72	18.23	132.27	3.21	21,096.10	2,384.40
Hungary	4,090.80	0.603	146.27	293.19	705.92	144.14	75.64	760.64	20.98	102,575.10	11,954.00
Ireland	2,241.10	1.000	107.50	432.90	683.10	0.00	171.20	807.90	38.50	127,256.80	28,709.00
Italy	26,164.50	1.000	2,266.80	2,235.00	8,725.30	2,629.20	327.10	9,709.20	271.90	984,959.30	91,592.20
Lithuania	971.30	1.000	118.90	39.90	235.20	225.50	83.70	268.20	0.00	18,781.50	1,820.50
Luxembourg	612.80	1.000	52.70	11.20	220.50	13.50	26.70	273.00	15.30	11,169.70	848.80
Latvia	791.10	0.584	18.79	32.15	69.97	10.80	21.36	79.88	2.13	11,335.80	1,186.65
Netherlands	14,269.40	1.000	1,502.90	2,680.70	4,979.60	2,098.30	145.60	2,862.30	0.00	343,975.80	30,360.30
Norway	5,924.90	1.000	626.10	769.40	331.70	50.50	239.60	3,898.00	9.60	137,349.00	11,350.70
Poland	15,052.00	0.812	1,032.15	582.44	3,081.61	395.68	446.41	3,267.20	171.63	302,776.50	36,313.60
Portugal	4,403.40	1.000	11.40	698.10	1,056.80	243.30	984.10	1,323.70	86.10	89,050.10	7,883.30
Romania	6,470.90	0.285	80.33	257.83	472.82	64.84	74.94	486.42	12.92	79,218.90	10,174.60
Sweden	11,248.20	1.000	1,046.20	776.20	512.90	445.40	4,105.50	4,362.00	0.00	247,630.80	18,284.20
Slovenia	1,230.50	0.763	33.55	84.87	181.88	32.05	22.91	192.00	4.74	28,795.90	3,124.40
Slovakia	4,448.60	1.000	1,305.60	72.70	1,454.50	122.30	323.20	1,052.20	118.20	69,305.90	5,719.60
Turkey	27,914.70	1.000	7,179.70	828.20	9,360.40	2,025.30	280.00	8,241.10	0.00	426,072.09	35,638.19
United Kingdom	25,454.00	1.000	4,169.00	4,106.30	7,644.50	895.60	566.20	8,041.80	30.70	809,223.80	137,025.40

Appendix D

EU Industry Sector, Evaluation of DEA Analysis Results

All countries are included in *Conclusion on DEA Analysis Results, EU 'Total' Industry - 2014* (see Table D.14) with missing main divisional statistical data replaced with "0" value. In all other *Sub-Sector Analysis*, the countries which only have full statistical data available are included. Under *Geography* column, the countries which are included in a particular analysis are aligned to the left side and the ones which are not included in the analysis are aligned to the right side.

Table D.1: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'IRON and STEEL' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings														Possible Savings for Solid Petroleum, Gas & Electrical Energy									
		Solid				Petroleum				Gas				Electrical Energy				Derived Heat		Renewable		Waste			
		Possible Fuel Saving (ktons)		Financial Value (M€)		CO2 Emission (ktons)		Possible Fuel Saving (ktons)		Financial Value (M€)		CO2 Emission (ktons)		Possible Fuel Saving (ktons)		Financial Value (M€)		CO2 Emission (ktons)		Possible Fuel Saving (ktons)		Financial Value (M€)		CO2 Emission (ktons)	
Austria	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bosnia and Herzegovina	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Belgium	0.99	84.3	5.8	334.0	0.86	254	284.17	67.61	284.17	284.17	67.61	284.17	284.17	67.61	284.17	284.17	67.61	284.17	284.17	67.61	284.17	284.17	67.61	284.17	
Bulgaria	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cyprus																									
Czech Republic																									
Germany	0.97	347.64	23.81	1,377.86	1,298	4.42	38.21	1,020.79	1,551.66	1,551.66	106.75	75.29	2.58	4.3	0.00	1,551.66	1,551.66	106.75	75.29	2.58	4.3	0.00	1,551.66	1,551.66	
Denmark																									
Estonia																									
Greece	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spain	0.87	179.99	12.30	706.70	198.7	6.78	35.51	131.70	129.84	129.84	30.70	284.60	284.60	1,248.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Finland																									
France	0.93	1,336.56	91.66	5,574.29	1,583	5.39	46.60	70.49	5,605.7	5,605.7	1,609.79	70.57	990.78	4,303.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Croatia																									
Hungary	0.98	17.39	1.07	67.43	0.08	0.03	0.24	84.64	70.77	70.77	20.26	4.20	5.88	25.61	20.93	0.00	0.00	294.54	294.54	0.00	0.00	0.00	0.00	0.00	
Ireland																									
Italy	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lithuania																									
Luxembourg																									
Latvia																									
Netherlands																									
Norway																									
Poland	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Portugal	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Romania	0.99	9.8	0.08	38.9	0.09	0.25	247.91	207.28	590.44	590.44	9.60	13.44	35.58	0.02	0.00	0.00	0.00	221.43	221.43	0.00	0.00	0.00	0.00	0.00	
Sweden	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Slovenia																									
Slovakia	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Turkey	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
United Kingdom	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Per Fuel Totals		1,975.46	135.46	7,795.57	49.71	16.9	146.36	3,094.42	2,583.08	2,583.08	7,455.56	1,075.00	1,346.58	6,535.70	23.63	42.8	1.00	4,240.73	4,240.73	0.00	0.00	0.00	0.00	0.00	

Table D.2: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'NON-FERROUS METALS' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid Petroleum, Gas & Electrical Energy				
		Solid			Petroleum			Gas			Electrical Energy			Derived Heat	Renewable	Waste	Per Country Totals CO2 e(ktons)	
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)					
Austria	1.00	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	0.00	0.00		0.00
Bosnia and Herzegovina	0.29	54.80	3.76	215.26	2.18	0.74	6.61	16.69	16.39	46.61	126.64	18.14	788.67	0.00	0.00	0.00	20.02	1,064.05
Belgium	1.00	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	0.00	0.00	0.00	0.00
Bulgaria	1.00	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	0.00	0.00	0.00	0.00
Cyprus																		
Czech Republic																		
Germany	0.80	4.35	0.30	17.36	6.64	2.26	16.56	105.13	87.90	24.95	102.35	225.93	981.39	2.05	0.30	0.88	365.88	1,170.07
Denmark																		
Estonia																		
Greece	0.57	152.31	10.43	690.25	6.67	2.27	16.63	100.44	134.14	38.67	264.71	356.66	1,554.03	0.00	0.00	0.00	933.31	2,555.58
Spain	1.00	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	0.00	0.00	0.00	0.00
Finland	1.00	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	0.00	0.00	0.00	0.00
France	1.00	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	0.00	0.00	0.00	0.00
Croatia																		
Hungary	1.00	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	0.00	0.00	0.00	0.00
Ireland																		
Italy	1.00	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	0.00	0.00	0.00	0.00
Lithuania																		
Luxembourg																		
Latvia																		
Netherlands																		
Norway																		
Poland	0.48	4.30	0.33	17.77	3.43	1.17	10.11	113.15	94.60	269.03	102.73	143.35	626.78	2.04	0.00	0.00	283.93	921.70
Portugal	1.00	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	0.00	0.00	0.00	0.00
Romania																		
Sweden	1.00	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	0.00	0.00	0.00	0.00
Slovenia	0.55	0.30	0.03	1.96	6.35	2.16	16.70	11.05	97.1	27.09	61.00	119.16	532.22	0.46	0.00	0.00	331.00	565.57
Slovakia	0.60	1.06	0.07	4.35	0.00	0.00	0.00	13.28	111.9	33.92	175.30	245.46	1,069.52	0.00	0.00	0.00	267.72	1,105.88
Turkey	1.00	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	0.00	0.00	0.00	0.00
United Kingdom	1.00	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	0.00	0.00	0.00	0.00
Per Fuel Totals		217.38	14.90	857.36	25.27	8.80	7441	423.35	35396	1,060.57	997.94	1,271.20	5,538.92	23.55	0.33	0.88	1,698.67	7,477.36

Table D.3: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'CHEMICAL and PETROCHEMICAL' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid Petroleum, Gas & Electrical Energy					
		Solid			Petroleum			Gas			Electrical Energy			Derived Heat		Renewable		Waste	
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)
Austria	0.71	6.2	0.4	24.94	6.3	2.15	1561	192.20	160.78	457.21	103.14	144.42	62.27	19.42	63.29	29.96	307.75	1.130.03	
Bosnia and Herzegovina	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Belgium	0.76	0.0	0.0	0.0	558.56	1644.71	190.08	273.39	229.00	651.21	258.36	382.61	1.579.96	299.43	2.32	14.9	76.69	3.655.57	
Bulgaria								Not Included in the Analysis											
Cyprus	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Czech Republic	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Germany	0.40	312.84	21.4	1.221.38	1.222.73	416.09	3.094.41	3.094.09	2.555.54	7.266.56	2.766.40	4.866.55	16.844.32	1.726.75	36.8	141.26	6.566.98	26.957.86	
Denmark	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Estonia	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Finland	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Greece	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Spain	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
France	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Italy	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Lithuania	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Hungary	0.54	0.0	0.0	0.0	268.88	91.51	792.94	97.54	83.80	232.63	122.59	171.66	747.33	21.18	0.58	0.0	465.00	1.726.00	
Ireland								Not Included in the Analysis											
Latvia								Not Included in the Analysis											
Luxembourg								Not Included in the Analysis											
Netherlands	0.59	0.0	0.0	0.0	1.344.84	457.56	3.950.08	122.69	161.11	458.14	127.35	158.33	777.00	1.760.04	0.0	0.0	757.08	5.165.13	
Norway								Not Included in the Analysis											
Poland	0.41	1.165.47	79.42	4.599.16	256.69	87.01	762.41	28.28	192.23	596.54	490.01	684.73	2.983.48	61.16	1.78	25.42	1.663.89	8.902.08	
Portugal	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Romania	0.05	81.0	5.0	322.66	287.52	97.81	846.02	799.57	643.77	1.830.71	265.41	388.54	1.607.09	17.28	3.95	19.20	1.105.65		
Sweden								Not Included in the Analysis											
Slovenia	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Slovakia	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Turkey	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
United Kingdom	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Per Fuel Totals		1.565.44	107.34	6.177.39	3.944.63	11.653.27	4.829.05	4.029.22	11.458.00	4.135.36	5.165.55	25.169.24	4.267.12	108.92	290.74	11.255.47	54.490.04		

Table D.4: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'NON-METALLIC MINERALS' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings										Possible Savings for Solid Petroleum, Gas & Electrical Energy							
		Solid			Petroleum			Gas			Electrical Energy			Derived Heat		Renewable		Waste	
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)
Austria	1.00	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	0.00	0.00	0.00	0.00	0.00
Bosnia and Herzegovina	1.00	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	0.00	0.00	0.00	0.00	0.00
Belgium	0.71	143.67	9.95	566.94	43.05	14.65	126.75	286.32	24123	68.00	105.51	147.74	645.73	0.00	116.70	13060	433.48	2120.43	2120.43
Bulgaria	0.64	27.01	1.85	106.57	39.09	13.61	117.74	157.27	131.49	373.92	27.45	38.29	106.81	0.04	6.24	2257	85.24	765.08	765.08
Cyprus	1.00	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	0.00	0.00	0.00	0.00	0.00
Czech Republic	1.00	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	0.00	0.00	0.00	0.00	0.00
Germany	0.90	134.72	9.24	531.65	83.25	13.02	11264	830.03	70.62	1494.92	104.19	145.59	655.67	11.61	439.33	60233	809.66	3273.87	3273.87
Denmark	1.00	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	0.00	0.00	0.00	0.00	0.00
Estonia	1.00	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	0.00	0.00	0.00	0.00	0.00
Greece	1.00	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	0.00	0.00	0.00	0.00	0.00
Spain	1.00	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	0.00	0.00	0.00	0.00	0.00
Finland	1.00	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	0.00	0.00	0.00	0.00	0.00
France	0.67	6.82	0.47	36.42	67.01	204.07	1368.64	31.42	4299	122.25	250.92	355.55	1340.19	0.00	153.81	0.00	608.88	3355.20	3355.20
Croatia	0.66	32.27	2.21	127.34	10524	35.81	30688	55.92	46.76	132.96	18.69	31.17	114.05	0.00	0.21	1020	100.96	684.23	684.23
Hungary	1.00	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	0.00	0.00	0.00	0.00	0.00
Ireland	0.86	11.49	0.79	45.55	20.90	7.18	6124	1.97	1.65	4.68	10.34	14.48	63.07	0.00	22.2	3436	23.99	173.34	173.34
Italy	0.87	54.01	3.30	224.58	184.95	62.94	54429	339.29	300.66	831.98	157.43	229.44	900.51	103.09	19.27	6661	37.94	2384.66	2384.66
Lithuania	1.00	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	0.00	0.00	0.00	0.00	0.00
Luxembourg	1.00	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	0.00	0.00	0.00	0.00	0.00
Latvia	0.84	4.09	0.28	16.33	0.83	0.28	2.45	4.20	3.67	10.43	6.79	9.51	41.43	0.05	0.00	6331	13.74	70.44	70.44
Netherlands	1.00	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	0.00	0.00	0.00	0.00	0.00
Norway	1.00	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	0.00	0.00	0.00	0.00	0.00
Poland	1.00	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	0.00	0.00	0.00	0.00	0.00
Portugal	1.00	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	0.00	0.00	0.00	0.00	0.00
Romania	0.72	19.43	1.33	76.08	76.14	25.91	22421	67.29	53.91	155.23	47.18	60.67	285.86	0.67	12.23	3857	117.90	740.98	740.98
Sweden	1.00	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	0.00	0.00	0.00	0.00	0.00
Slovenia	0.80	1.88	0.13	7.42	5.68	1.89	16171	8.16	6.82	19.41	7.10	9.94	43.31	0.08	0.45	2936	18.83	86.89	86.89
Slovakia	0.66	18.38	1.26	72.32	42.08	10.02	94.46	61.57	53.81	147.33	19.34	27.09	180.02	7.28	0.03	10305	91.07	42.33	42.33
Turkey	0.73	1888.73	129.51	7453.28	838.8	26.54	24658	306.25	333.11	492.14	456.54	639.70	2787.25	0.00	0.00	0.00	1260.6	11420.65	11420.65
United Kingdom	0.62	340.11	23.82	1342.33	75.13	25.57	22123	486.24	40.65	1136.11	298.39	305.51	1332.44	0.00	0.00	0.00	70.24	1405.90	1405.90
		2683.30	184.15	10507.70	12302	450.22	3385.73	2776.01	232103	600.37	1433.09	2106.68	8749.40	122.2	706.38	116307	4492.08	29338.90	29338.90

Table D.5: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'MINING and QUARRYING' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid Petroleum, Gas & Electrical Energy					
		Solid				Petroleum		Gas		Electrical Energy		Derived Heat				Renewable		Waste	
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)
Austria																			
Bosnia and Herzegovian																			
Belgium																			
Bulgaria																			
Cyprus																			
Czech Republic																			
Germany																			
Denmark																			
Estonia																			
Greece																			
Spain																			
Finland																			
France																			
Croatia																			
Hungary																			
Ireland																			
Italy																			
Lithuania																			
Luxembourg																			
Latvia																			
Netherlands																			
Norway																			
Poland																			
Portugal																			
Romania																			
Sweden																			
Slovenia																			
Slovakia																			
Turkey																			
United Kingdom																			
Per Fuel Totals		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	0.00	0.00	0.00	0.00

Table D.6: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'FOOD and TOBACCO' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid, Petroleum, Gas & Electrical Energy			
		Solid			Petroleum			Gas			Electrical Energy						Waste
		Possible Fuel Saving (tons)	CO2 Emission (tons)	Financial Value (M)	Possible Fuel Saving (tons)	CO2 Emission (tons)	Financial Value (M)	Possible Fuel Saving (tons)	CO2 Emission (tons)	Financial Value (M)	Possible Fuel Saving (tons)	CO2 Emission (tons)	Financial Value (M)	Possible Fuel Saving (tons)	CO2 Emission (tons)	Financial Value (M)	Per Country Totals (CO2 e/tons)
Austria	1.00	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	0.00	0.00	0.00
Bosnia and Herzegovina	1.00	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	0.00	0.00	0.00
Belgium	1.00	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	0.00	0.00	0.00
Bulgaria	1.00	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	0.00	0.00	0.00
Cyprus																	
Not included in the analysis																	
Czech Republic																	
Not included in the analysis																	
Germany	1.00	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	0.00	0.00	0.00
Denmark	1.00	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	0.00	0.00	0.00
Estonia	0.98	0.00	0.00	3.62	1.28	10.65	12.04	10.07	28.63	1.42	1.29	3.69	0.14	0.03	0.00	13.29	47.97
Greece	1.00	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	0.00	0.00	0.00
Spain	1.00	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	0.00	0.00	0.00
Finland	1.00	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	0.00	0.00	0.00
France	1.00	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	0.00	0.00	0.00
Croatia	0.87	2.89	0.18	33.04	4.44	38.40	17.36	40.37	11.61	16.25	70.82	2.24	0.44	0.00	0.00	38.24	80.19
Hungary	0.86	0.29	0.02	1.14	2.26	0.77	6.66	127.28	302.87	33.70	75.19	327.00	3.44	0.00	0.00	82.48	68.27
Ireland																	
Not included in the analysis																	
Italy	1.00	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	0.00	0.00	0.00
Lithuania																	
Not included in the analysis																	
Luxembourg																	
Not included in the analysis																	
Latvia																	
Not included in the analysis																	
Netherlands	1.00	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	0.00	0.00	0.00
Norway	1.00	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	0.00	0.00	0.00
Poland	1.00	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	0.00	0.00	0.00
Portugal	1.00	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	0.00	0.00	0.00
Romania	0.87	2.70	0.19	10.66	10.66	3.73	32.25	157.27	33.49	33.92	263.55	23.55	11.40	10.00	20.02	0.00	68.37
Sweden																	
Not included in the analysis																	
Slovenia	1.00	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	0.00	0.00	0.00
Slovakia																	
Not included in the analysis																	
Turkey	1.00	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	0.00	0.00	0.00
United Kingdom	92.90	2.25	129.44	103.03	35.29	304.76	1589.40	1282.90	3779.03	865.20	1255.51	5461.70	0.00	0.00	0.00	249.88	957.94
Per Fuel Totals	38.47	2.64	151.92	133.88	45.39	392.74	1996.56	1394.32	4533.92	1088.08	1411.56	6193.83	2932	66.31	10.00	3,053.91	11,228.74

Table D.7: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'TEXTILE and LEATHER' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid, Petroleum, Gas & Electrical Energy		
		Solid			Petroleum				Gas			Electrical Energy			Waste	
		Possible Fuel Saving (t/ton)	CO2 Emission (t/ton)	Financial Value (M€)	Possible Fuel Saving (t/ton)	CO2 Emission (t/ton)	Financial Value (M€)	Possible Fuel Saving (t/ton)	CO2 Emission (t/ton)	Financial Value (M€)	Possible Fuel Saving (t/ton)	CO2 Emission (t/ton)	Financial Value (M€)	Possible Fuel Saving (t/ton)	CO2 Emission (t/ton)	Financial Value (M€)
Austria	0.70	0.00	0.00	1.17	0.40	3.45	10.02	0.02	8.88	25.31	10.23	23.23	0.30	0.79	0.00	32.90
Bosnia and Herzegovina	0.25	1.42	0.10	5.92	0.58	1.70	0.22	0.18	0.32	0.00	21.82	0.00	0.00	0.00	0.00	29.06
Belgium	1.00	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	0.00	0.00
Bulgaria	0.56	1.90	0.13	7.30	0.37	1.10	2.01	1.88	4.77	17.12	10.44	23.07	5.71	3.00	0.00	17.81
Cyprus																
Czech Republic	0.84	2.40	0.16	9.47	0.19	0.65	9.40	7.30	20.55	37.30	227.56	53.23	6.93	0.20	0.20	260.11
Germany	0.84	6.40	0.44	25.26	4.16	12.24	41.20	34.48	80.04	47.36	201.13	53.18	8.02	2.13	0.00	307.26
Denmark																
Estonia	0.73	0.00	0.00	0.00	0.29	0.85	0.06	0.65	1.57	6.00	40.20	9.25	1.50	0.20	0.00	42.70
Greece	0.84	0.00	0.00	0.00	3.32	1.13	9.78	7.72	6.46	18.36	11.39	2.75	0.00	0.00	0.00	40.13
Spain	0.52	0.00	0.00	0.00	0.57	3.00	31.12	71.86	60.07	170.92	46.03	46.03	0.00	2.84	0.00	466.97
Finland	0.88	0.00	0.00	0.00	3.78	1.29	11.12	2.44	2.94	5.51	34.00	7.92	6.56	0.00	0.00	51.02
France	1.00	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	0.00	0.00
Croatia	0.70	0.00	0.00	0.00	0.48	0.48	1.42	2.28	2.16	6.13	3.20	3.00	0.54	0.00	0.00	29.45
Hungary	1.00	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	0.00	0.00
Ireland	0.52	0.00	0.00	0.00	6.19	2.11	18.22	0.00	0.50	1.42	4.71	6.00	28.75	0.00	0.00	48.38
Italy	1.00	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	0.00	0.00
Lithuania	0.58	0.00	0.00	0.00	0.44	0.15	1.30	5.66	4.73	13.46	7.55	10.57	46.08	0.20	0.00	60.84
Luxembourg																
Latvia	0.78	0.00	0.00	0.00	0.00	0.00	1.12	0.94	2.96	0.62	0.86	3.76	0.30	0.00	0.00	6.49
Netherlands	1.00	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	0.00	0.00
Norway	1.00	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	0.00	0.00
Poland	1.00	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	0.00	0.00
Portugal	0.54	0.00	0.00	0.00	6.25	2.13	18.41	61.29	51.25	145.71	38.44	81.83	366.57	2.87	0.00	200.71
Romania	0.25	0.00	0.00	0.00	0.00	0.21	1.78	29.14	24.36	40.25	122.58	28.33	0.06	1.63	0.00	290.63
Sweden																
Slovenia	0.24	0.00	0.00	0.00	1.15	0.20	3.30	4.29	3.58	10.19	4.34	6.07	26.15	1.90	0.00	40.03
Slovakia	1.00	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	0.00	0.00
Turkey	1.00	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	0.00	0.00
United Kingdom	0.53	30.85	2.12	121.74	21.65	7.30	63.17	382.01	30.40	98.29	607.28	130.88	607.28	0.00	0.00	1,700.49
Per Fuel Trade		42.97	2.95	169.28	60.09	20.15	179.57	682.42	320.19	1,304.86	3,021.15	540.10	2,802.22	15.71	0.20	4,266.54

Table D.8: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'PAPER, PULP and PRINT' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid, Petroleum, Gas & Electrical Energy									
		Solid			Petroleum			Gas			Electrical Energy			Derived Heat	Renewable	Waste	Per Country Totals						
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)				Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)				
Austria	0.44	78.0	5.38	309.28	7.55	2.57	22.2	358.67	209.8	832.80	264.76	370.72	1615.30	17.18	622.8	13.10	65.53	270.70					
Bosnia and Herzegovina	1.00	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	0.00	0.00	0.00	0.00					
Belgium	1.00	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	0.00	0.00	0.00	0.00					
Bulgaria	0.58	0.17	0.03	1.87	1.76	0.00	5.29	26.67	22.0	63.41	16.14	22.6	98.50	0.19	79.77	0.00	45.51	108.97					
Cyprus										Not included in the analysis													
Czech Republic	0.08	33.30	2.28	134.41	0.30	0.00	0.80	30.91	25.81	73.48	44.3	63.2	271.53	18.59	21.29	0.00	90.55	477.31					
Germany	0.52	39.90	2.68	1,421.51	17.21	5.8	50.08	985.81	831.26	2,243.98	882.10	1,285.16	5,811.76	538.91	41.15	6870	2,889.9	9,916.66					
Denmark	1.00	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	0.00	0.00	0.00	0.00					
Estonia	0.58	0.00	0.00	0.00	0.00	0.00	0.00	12.83	10.73	30.51	22.65	30.87	134.51	0.25	2.55	0.00	41.00	165.02					
Greece	1.00	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	0.00	0.00	0.00	0.00					
Spain	1.00	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	0.00	0.00	0.00	0.00					
Finland	0.70	159.00	10.04	629.83	69.41	23.02	394.57	288.08	195.56	567.49	830.57	1,182.72	3,066.14	371.01	1,742.29	13.59	1,967.81	6,465.83					
France	1.00	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	0.00	0.00	0.00	0.00					
Croatia	1.00	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	0.00	0.00	0.00	0.00					
Hungary	0.72	0.00	0.00	0.00	1.11	0.38	3.26	21.61	18.09	31.45	19.01	36.02	113.97	12.11	2.21	0.00	45.09	170.68					
Ireland										Not included in the analysis													
Italy	1.00	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	0.00	0.00	0.00	0.00					
Lithuania	1.00	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	0.00	0.00	0.00	0.00					
Luxembourg										Not included in the analysis													
Latvia										Not included in the analysis													
Netherlands	1.00	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	0.00	0.00	0.00	0.00					
Norway	1.00	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	0.00	0.00	0.00	0.00					
Poland	1.00	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	0.00	0.00	0.00	0.00					
Portugal	0.88	0.00	0.00	0.00	5.92	1.8	15.46	33.71	11.46	32.59	39.49	55.86	243.07	9.09	26.64	0.00	69.31	290.63					
Romania										Not included in the analysis													
Sweden	1.00	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	0.00	0.00	0.00	0.00					
Slovenia	0.70	20.95	1.44	82.68	1.11	0.38	3.26	51.00	43.39	129.39	30.05	42.02	187.02	0.53	4.61	0.00	88.33	306.5					
Slovakia	0.73	0.00	0.00	0.00	0.00	0.00	0.00	12.55	10.49	29.53	27.63	38.06	168.56	4.74	27.11	0.00	49.18	198.29					
Turkey	1.00	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	0.00	0.00	0.00	0.00					
United Kingdom	1.00	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	0.00	0.00	0.00	0.00					
Per Fuel Totals		682.63	44.75	2,575.40	103.77	35.31	305.54	1,759.29	1,460.01	4,108.04	2,177.09	3,048.8	13,292.66	1,114.33	4,865.49	95.39	4,394.56	20,332.54					

Table D.9: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'TRANSPORT EQUIPMENT' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid, Petroleum, Gas & Electrical Energy			
		Solid			Petroleum			Gas	Electrical Energy			Domestic Heat	Renewable	Waste	Per Country Totals		
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Financial Value (M€)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Possible Fuel Saving (ktons)	Possible Fuel Saving (ktons)	Financial (M€)	CO2 (ktons)	
Austria	1.00	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	0.00	0.00	0.00
Bosnia and Herzegovina								Not included in the analysis									
Belgium	1.00	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	0.00	0.00	0.00
Bulgaria	1.00	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	0.00	0.00	0.00
Cyprus								Not included in the analysis									
Czech Republic	1.00	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	0.00	0.00	0.00
Germany	1.00	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	0.00	0.00	0.00
Denmark	1.00	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	0.00	0.00	0.00
Estonia								Not included in the analysis									
Greece								Not included in the analysis									
Spain	1.00	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	0.00	0.00	0.00
Finland	0.90	0.00	0.00	0.00	9.40	3.20	27.60	0.05	0.04	0.13	12.80	17.30	78.14	29.29	0.00	0.00	21.80
France	1.00	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	0.00	0.00	0.00
Croatia								Not included in the analysis									
Hungary	1.00	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	0.00	0.00	0.00
Ireland								Not included in the analysis									
Italy	1.00	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	0.00	0.00	0.00
Lithuania								Not included in the analysis									
Luxembourg								Not included in the analysis									
Latvia								Not included in the analysis									
Netherlands	1.00	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	0.00	0.00	0.00
Norway	1.00	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	0.00	0.00	0.00
Poland	0.73	12.39	0.80	4.99	4.30	1.40	12.17	23.29	19.47	50.36	53.67	329.28	11.21	0.00	0.00	97.30	44.50
Portugal	1.00	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	0.00	0.00	0.00
Romania	0.74	0.00	0.00	0.00	0.00	0.00	0.00	29.93	25.02	71.15	32.27	45.30	190.80	2.90	0.00	70.20	280.02
Sweden	1.00	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	0.00	0.00	0.00
Slovenia								Not included in the analysis									
Slovakia	0.88	0.19	0.01	0.75	1.16	0.38	3.40	10.90	9.11	25.31	21.40	30.25	131.81	0.55	0.00	30.70	102.55
Turkey	1.00	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	0.00	0.00	0.00
United Kingdom	1.00	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	0.00	0.00	0.00
Per Fuel Totals		12.70	0.88	31.44	14.58	4.90	42.49	64.16	53.65	132.55	120.65	168.94	730.09	3.95	0.00	228.42	982.00

Table D.10: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'MACHINERY' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings										Possible Savings for Solid, Petroleum, Gas & Electrical Energy								
		Solid			Petroleum			Gas			Electrical Energy			Derived Heat		Renewable		Waste		
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	
Austria	0.62	0.00	0.00	0.00	12.65	4.21	47.25	67.08	50.68	139.43	120.47	165.63	714.73	31.29	0.00	0.00	27.31	0.00	220.01	00.47
Bosnia and Herzegovina	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Belgium	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Bulgaria	0.85	0.00	0.01	2.37	2.48	0.81	7.31	20.28	16.56	48.22	46.58	65.53	280.60	0.39	0.00	0.00	0.00	0.00	83.02	344.49
Cyprus																				
Czech Republic	0.64	0.35	0.64	38.93	1.82	0.02	5.35	80.05	67.27	198.39	127.07	177.07	775.28	98.36	0.00	0.00	2.90	0.00	306.46	1,008.83
Germany	0.63	0.50	0.09	14.30	14.13	38.81	336.08	67.20	50.04	1,467.48	1,251.88	1,752.94	7,657.83	235.63	0.00	0.00	49.04	0.00	2,188.92	9,488.00
Denmark	0.90	0.00	0.00	0.00	2.40	0.05	7.42	6.12	3.12	14.15	12.30	17.29	75.01	14.03	0.00	0.00	5.02	0.00	23.18	96.88
Estonia	0.93	0.00	0.00	0.00	0.05	0.05	0.46	0.89	0.71	2.12	3.01	4.28	18.36	7.75	0.00	0.00	0.88	0.00	5.01	20.94
Greece	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Spain	0.72	0.00	0.00	0.00	23.85	42.55	864.71	148.89	185.56	337.15	102.14	143.02	623.15	0.00	0.00	0.00	0.29	0.00	303.71	1,355.03
Finland																				
France	0.59	2.30	1.39	81.11	12.92	4.39	38.05	49.01	34.05	972.48	110.13	154.30	671.88	0.00	0.00	0.00	0.42	0.00	301.97	1,702.30
Greece	0.57	0.00	0.00	0.00	5.55	1.89	16.85	8.56	7.16	20.85	16.26	22.77	90.23	7.86	0.00	0.00	0.05	0.00	31.82	155.02
Hungary	0.63	1.10	0.08	4.94	3.14	1.07	9.25	63.54	33.13	131.09	78.15	109.42	476.78	3.81	0.00	0.00	5.20	0.00	163.70	642.45
Ireland	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Italy	0.53	0.00	0.00	0.00	22.22	77.02	654.14	63.87	328.39	1,202.39	783.78	1,087.39	4,723.94	8.89	0.00	0.00	0.28	0.00	1,701.39	6,938.57
Lithuania	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Luxembourg																				
Latvia	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Netherlands	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Norway																				
Poland	0.67	8.40	2.43	139.70	10.09	3.49	29.72	70.18	38.68	166.87	125.94	176.36	788.39	38.53	0.00	0.00	1.83	0.00	300.89	1,104.68
Portugal	0.53	0.00	0.00	0.00	0.03	0.03	3.72	15.23	12.71	38.21	33.51	73.13	303.39	0.70	0.00	0.00	0.05	0.00	89.99	388.75
Romania	0.78	0.00	0.00	0.00	13.33	4.51	39.25	15.25	119.08	328.57	125.58	175.56	764.94	16.52	0.00	0.00	4.08	0.00	293.18	1,125.77
Sweden	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Slovenia	0.41	0.00	0.00	0.00	8.88	2.75	23.75	29.75	16.51	46.95	45.86	64.22	279.89	6.69	0.00	0.00	0.36	0.00	83.47	330.51
Slovakia	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Turkey	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
United Kingdom	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Per Fuel Totals		88.25	5.57	320.62	583.88	853.07	1,601.29	2,287.11	1,972.43	5,438.41	3,001.81	4,203.29	18,114.32	566.60	0.00	0.00	98.66	0.00	6,306.35	25,674.74

Table D.11: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'WOOD and WOOD PRODUCTS' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings										Possible Savings for Solid, Petroleum, Gas & Electrical Energy							
		Solid			Petroleum			Gas			Electrical Energy			Derived Heat		Renewable		Waste	
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)
Austria	0.85	0.00	0.00	0.00	7.77	2.94	22.88	27.70	21.16	65.85	79.36	111.07	45.76	3.48	0.00	0.00	106.42	40.14	37.77
Bosnia and Herzegovina	1.00	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	0.00	0.00	0.00	0.00	0.00
Belgium	1.00	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	0.00	0.00	0.00	0.00	0.00
Bulgaria	0.74	0.00	0.00	0.00	0.00	0.00	0.00	1.33	1.11	3.16	10.38	14.57	62.08	0.00	0.00	10.09	0.00	15.38	65.34
Cyprus																			
Not Included in the Analysis																			
Czech Republic	0.84	1.20	0.08	4.74	3.44	1.17	10.12	3.88	3.24	9.23	6.40	9.00	30.00	5.98	0.00	70.20	0.00	13.33	61.68
Germany	0.69	0.50	0.03	1.97	15.92	5.42	46.86	4.72	3.55	10.94	121.62	70.30	742.04	8.36	0.00	747.30	0.00	22.23	884.92
Denmark	1.00	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	0.00	0.00	0.00	0.00	0.00
Estonia	0.65	0.00	0.00	0.00	4.65	1.58	13.00	2.79	2.33	6.64	10.92	15.55	66.03	0.09	0.00	33.02	0.00	19.07	86.95
Greece	0.85	0.00	0.00	0.00	0.74	0.25	2.19	0.16	0.13	0.37	3.30	4.38	18.89	0.00	0.00	2.00	0.00	4.72	21.45
Spain	0.74	0.00	0.00	0.00	20.05	6.83	30.06	9.27	7.75	22.04	34.86	34.82	151.20	0.00	0.00	84.16	0.00	49.39	292.80
Finland	0.64	5.16	0.55	20.36	7.47	2.34	21.49	0.01	0.01	0.02	5.85	8.30	35.29	175.73	0.00	9.28	0.00	11.00	77.96
France	1.00	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	0.00	0.00	0.00	0.00	0.00
Croatia	1.00	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	0.00	0.00	0.00	0.00	0.00
Hungary	1.00	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	0.00	0.00	0.00	0.00	0.00
Ireland	0.76	0.00	0.00	0.00	2.11	0.72	6.22	0.43	0.36	1.02	8.30	11.82	50.64	0.00	0.00	43.29	0.00	12.20	57.88
Italy	1.00	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	0.00	0.00	0.00	0.00	0.00
Lithuania	0.65	0.54	0.04	2.12	1.00	0.54	4.71	3.23	2.70	7.68	12.88	18.17	79.17	9.07	0.00	19.84	0.00	21.45	90.68
Luxembourg	1.00	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	0.00	0.00	0.00	0.00	0.00
Latvia	0.50	0.00	0.00	0.00	9.23	3.38	28.64	6.85	5.31	15.09	29.28	41.00	178.83	10.97	0.00	26.21	0.00	49.61	222.36
Netherlands	1.00	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	0.00	0.00	0.00	0.00	0.00
Norway	1.00	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	0.00	0.00	0.00	0.00	0.00
Poland	0.77	8.02	2.47	142.13	12.56	4.27	36.94	29.49	17.13	48.71	71.38	100.23	496.73	56.52	0.00	388.72	0.00	124.30	664.52
Portugal	1.00	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	0.00	0.00	0.00	0.00	0.00
Romania	0.47	0.00	0.00	0.00	3.38	1.29	11.20	20.44	19.51	55.48	45.74	64.04	270.65	7.26	0.00	83.89	0.00	84.85	445.74
Sweden	1.00	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	0.00	0.00	0.00	0.00	0.00
Slovenia	0.76	0.00	0.00	0.00	0.07	0.28	2.25	0.53	0.44	1.25	3.64	5.00	22.20	0.27	0.00	21.74	0.00	5.89	25.70
Slovakia	1.00	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	0.00	0.00	0.00	0.00	0.00
Turkey	1.00	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	0.00	0.00	0.00	0.00	0.00
United Kingdom																			
Not Included in the Analysis																			
Per Fuel Totals		4.41	2.98	173.22	90.39	30.83	266.74	145.21	119.74	340.50	434.33	688.17	2649.00	441.17	1.0725	40.73	1.9725	760.72	3,458.46

Table D.12: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'CONSTRUCTION' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid, Petroleum, Gas & Electrical Energy			
		Solid			Petroleum			Gas	Electrical Energy			Domestic Heat	Renewable	Waste	Per Country Totals		
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Possible Fuel Saving (ktons)	Possible Fuel Saving (ktons)	Financial (M€)	CO2 (ktons)	CO2 (ktons)
Austria	0.50	0.00	0.00	0.00	149.55	50.29	440.7	18.45	15.42	43.85	43.85	153.02	9.09	35.83	0.49	101.7	657.85
Bosnia and Herzegovina	0.88	0.00	0.00	0.00	2.29	0.8	7.02	0.00	0.00	0.00	0.00	3.09	0.00	0.00	0.00	1.6	10.71
Belgium	1.00	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	0.00	0.00	0.00
Bulgaria	0.14	0.00	0.00	0.00	22.02	7.49	64.58	22.07	10.09	28.70	28.70	93.74	1.85	0.14	0.00	39.30	187.26
Cyprus																	Not Included in the Analysis
Czech Republic	0.65	0.00	0.02	1.39	28.80	9.98	84.70	48.91	35.94	99.64	99.64	112.48	17.58	2.70	0.00	70.67	296.29
Germany																	Not Included in the Analysis
Denmark	1.00	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	0.00	0.00	0.00
Estonia	0.67	0.00	0.00	0.00	18.11	6.35	53.32	2.81	2.35	6.67	6.67	21.64	2.00	0.65	0.00	13.47	83.63
Greece	1.00	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	0.00	0.00	0.00
Spain	0.88	0.00	0.00	0.00	112.29	38.20	330.64	76.08	640.52	1,820.46	1,820.46	644.38	0.00	17.70	0.00	85.94	2,780.49
Finland	1.00	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	0.00	0.00	0.00
France	1.00	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	0.00	0.00	0.00
Croatia	1.00	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	0.00	0.00	0.00
Hungary	0.28	4.51	0.31	17.78	89.26	30.87	262.83	38.31	26.68	75.88	75.88	98.45	5.20	1.5	0.00	79.96	454.94
Ireland																	Not Included in the Analysis
Italy	1.00	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	0.00	0.00	0.00
Lithuania	0.68	0.00	0.00	0.00	7.59	2.70	23.34	6.63	5.54	15.76	15.76	31.77	1.29	2.26	0.00	15.53	70.87
Luxembourg	0.70	1.88	0.13	7.41	0.39	0.20	1.23	0.79	0.66	1.88	1.88	21.45	0.00	0.00	0.00	5.49	30.17
Latvia	0.79	0.55	0.04	2.18	0.80	3.08	31.81	6.02	5.04	14.42	14.42	25.57	1.00	1.00	0.00	14.57	70.88
Netherlands	0.92	0.69	0.05	2.70	170.14	57.29	501.77	39.66	31.6	94.29	94.29	185.25	0.00	6.28	0.00	133.71	780.02
Norway	0.68	0.00	0.00	0.00	30.31	17.72	148.55	0.19	0.16	0.44	0.44	280.05	0.00	1.49	0.00	65.09	355.65
Poland	0.98	7.95	0.55	30.36	2.47	0.84	7.27	1.20	1.26	3.57	3.57	20.42	12.10	0.61	0.00	7.33	42.63
Portugal	0.71	0.00	0.00	0.00	15.88	12.28	105.64	5.58	4.66	13.26	13.26	72.44	0.00	2.18	0.00	33.50	191.33
Romania	0.28	0.31	0.02	1.20	365.23	69.81	664.32	65.88	51.17	155.88	155.88	192.92	4.96	2.06	0.00	89.31	955.33
Sweden	1.00	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	0.00	0.00	0.00
Slovenia	1.00	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	0.00	0.00	0.00
Slovakia	0.95	0.00	0.00	0.00	1.42	0.48	4.18	4.29	3.59	10.20	10.20	5.45	0.87	0.67	0.00	5.32	29.83
Turkey	0.57	0.00	0.00	0.00	0.00	0.00	0.00	364.90	22.48	62.84	62.84	673.99	0.00	0.00	0.00	87.43	1,300.33
United Kingdom	1.00	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	0.00	0.00	0.00
Per Fuel Totals		16.23	1.11	64.03	97.44	48.88	247.202	1,286.76	1,003.81	3,016.66	420.56	2,567.63	36.13	71.81	0.49	1,900.02	8,320.33

Table D.13: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'NON-SPECIFIED (INDUSTRY)' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid Petroleum, Gas & Electrical Energy					
		Solid			Petroleum			Gas			Electrical Energy			Derived Heat		Renewable		Waste	
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)
Austria	0.53	0.0	0.0	0.0	1.83	0.0	5.40	25.36	2121	60.00	36.18	8.66	19.73	2.08	5.20	0.0	0.0	58.49	25.43
Bosnia and Herzegovina	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Belgium	0.73	0.42	0.71	41.2	13.44	40.77	448.46	35.68	7164	203.72	80.03	134.67	54.19	0.0	15.00	0.0	0.0	37.29	118.50
Bulgaria	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyprus	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Czech Republic	0.59	0.07	0.07	3.84	172.93	58.85	504.19	55.41	4668	132.69	135.00	175.05	702.62	1.00	4.40	0.0	0.0	28.60	148.34
Germany	0.76	2.33	0.15	8.42	42.85	14.41	124.69	46.65	38666	1188.09	349.61	496.55	2130.03	34.75	24.17	0.0	0.0	864.77	3373.23
Denmark	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Estonia	0.87	0.0	0.0	0.0	0.0	0.0	1.51	1.90	1.59	4.82	8.01	12.21	48.86	0.77	3.87	0.0	0.0	12.88	5.88
Greece	0.72	0.0	0.0	0.0	32.13	10.93	94.61	7.29	610	17.34	102.52	27.36	99.32	0.0	2.8	0.0	0.0	24.59	110.46
Spain	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Finland	0.63	0.07	0.01	0.29	65.20	22.29	194.87	11.24	339	2671	29.64	4.70	18.11	0.0	3.86	0.0	0.0	63.28	357.09
France	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Not Included in the Analysis																			
Hungary	0.53	0.0	0.0	0.0	1.44	0.49	4.23	75.36	6301	172.17	67.58	94.83	40.10	3.0	3.46	0.0	0.0	65.82	58.53
Ireland	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Italy	0.86	2.00	0.41	7.59	3.17	1.08	9.32	1.96	154	4.66	138.26	19.90	83.32	83.29	84.80	1980	0.0	30.65	637.20
Lithuania	0.57	1.10	0.08	4.34	1.48	0.59	4.36	2.50	209	5.94	89.49	27.30	18.93	1.8	8.04	0.0	0.0	29.97	133.58
Not Included in the Analysis																			
Latvia	0.76	0.0	0.0	0.0	0.24	0.08	0.69	0.28	0.01	0.89	1.34	1.88	8.18	0.07	2.75	0.0	0.0	2.27	9.76
Netherlands	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway	0.72	0.0	0.0	0.0	3.48	1.49	10.26	0.70	0.68	1.66	9.11	21.76	55.59	0.2	2.40	0.0	0.0	14.53	67.50
Poland	0.65	4.00	3.06	176.00	9.99	3.40	29.41	4.12	33.88	97.77	133.53	18.97	81.67	10.33	75.56	1.39	0.0	27.81	117.85
Portugal	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Romania	0.67	0.0	0.0	0.0	5.41	1.81	15.92	6.10	510	11.49	39.49	49.90	294.34	1.67	15.48	0.0	0.0	53.83	294.75
Sweden	0.67	0.0	0.0	0.0	27.07	9.21	79.71	4.65	38.05	108.53	2134.36	30.665	1314.96	441.20	20.88	0.0	0.0	306.02	1332.19
Slovenia	1.00	0.0	0.0	0.0	1.58	0.51	4.65	8.40	15.38	43.74	8.51	5.91	12.91	2.88	2.65	0.0	0.0	41.81	166.30
Slovakia	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Turkey	0.53	1267.89	84.88	4884.00	46.66	15.88	117.29	2396.34	191090	5490.65	1345.30	1880.76	8307.50	196.09	237.0	0.0	0.0	330.44	1866.43
United Kingdom	0.96	55.24	35.38	2033.33	33027.1	1089.88	9490.61	294.29	27114	771.65	1422.41	1597.49	8368.20	83.53	541.2	30.70	0.0	337.84	2033.09
Per Fuel Total		1844.82	124.41	7139.64	3786.50	1271.53	11002.40	3466.00	288793	8249.92	6112.19	8388.60	37294.05	2941.30	55.00	1064.30		12893.47	63.094.00

Table D.14: CONCLUSION ON DEA ANALYSIS RESULTS, EU 'TOTAL' INDUSTRY - 2014

Geography	Efficiency Summary	DEA 'Input - Input Target' Differences And Possible Fuel & GHG (Greenhouse Gas) Savings												Possible Savings for Solid, Petroleum, Gas & Electrical Energy								
		Solid			Petroleum				Gas			Electrical Energy			Derived Heat		Renewable		Waste			
		Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)	Possible Fuel Saving (ktons)	Financial Value (M€)	CO2 Emission (ktons)
Austria	0.714	661.7	45.4	2,929.6	19.83	65.28	1,083.4	3,093.5	65.28	1,083.4	3,093.5	65.28	1,083.4	3,093.5	65.28	1,083.4	3,093.5	65.28	1,083.4	3,093.5	65.28	1,083.4
Bosnia and Herzegovina	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Belgium	0.66	1,361.99	92.60	5,286.11	92.04	32.28	2,832.90	5,370.42	1,058.55	2,427.83	1,058.55	2,427.83	1,058.55	2,427.83	1,058.55	2,427.83	1,058.55	2,427.83	1,058.55	2,427.83	1,058.55	
Bulgaria	0.85	100.26	7.49	481.17	103.28	40.36	434.89	1,287.71	40.36	434.89	1,287.71	40.36	434.89	1,287.71	40.36	434.89	1,287.71	40.36	434.89	1,287.71	40.36	
Cyprus	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Czech Republic	0.90	48.07	3.43	197.39	108.5	3.09	382.76	1,088.46	71.06	382.76	1,088.46	71.06	382.76	1,088.46	71.06	382.76	1,088.46	71.06	382.76	1,088.46	71.06	
Germany	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Denmark	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Estonia	0.71	52.01	3.57	265.26	15.16	5.31	47.29	62.33	25.37	22.21	62.33	25.37	22.21	62.33	25.37	22.21	62.33	25.37	22.21	62.33	25.37	
Greece	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spain	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Finland	0.92	29.99	1.721	99.16	53.39	84.9	1,600.6	786.17	1,532.00	2,145.29	9,469.0	1,122.63	2,145.29	9,469.0	1,122.63	2,145.29	9,469.0	1,122.63	2,145.29	9,469.0	1,122.63	
France	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Croatia	0.65	76.00	5.25	392.29	207.24	70.32	610.24	538.45	150.73	21.06	538.45	150.73	21.06	538.45	150.73	21.06	538.45	150.73	21.06	538.45	150.73	
Hungary	0.68	86.43	6.61	383.53	384.31	131.18	1,161.08	1,623.17	301.46	702.17	3,059.46	186.16	49.86	21.03	1,432.76	6,292.21	49.86	21.03	1,432.76	6,292.21	49.86	
Ireland	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Italy	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lithuania	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Luxembourg	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Latvia	0.58	13.41	0.92	32.92	22.56	7.8	67.5	49.33	41.75	18.72	63.42	88.89	88.91	32.71	63.42	88.89	32.71	63.42	88.89	32.71	63.42	
Netherlands	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Norway	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Poland	0.82	2,976.25	20.02	11,749.90	134.46	45.36	385.42	1,698.44	865.31	1,211.35	3,759.01	170.52	899.49	338.83	2,165.42	19,063.30	899.49	338.83	2,165.42	19,063.30	899.49	
Portugal	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Romania	0.26	36.07	38.47	2,214.08	67.07	209.20	1,965.56	5,122.57	1,229.28	1,739.49	7,443.01	198.86	888.67	50.48	3,703.8	16,689.91	888.67	50.48	3,703.8	16,689.91	888.67	
Sweden	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Slovenia	0.70	10.65	0.72	44.23	26.83	8.89	77.92	498.65	338.89	498.65	338.89	498.65	338.89	498.65	338.89	498.65	338.89	498.65	338.89	498.65	338.89	
Slovakia	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Turkey	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
United Kingdom	1.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Per Fuel Totals		6,234.61	429.83	24,569.70	3,276.31	1,114.99	9,947.94	21,402.84	7,646.71	10,177.42	46,653.31	2,871.45	5,409.9	940.75	19,775.49	102,367.60	5,409.9	940.75	19,775.49	102,367.60	5,409.9	

Appendix E

Abbreviations, Accronyms, Units of Measurement, Emission Coefficients, Unit & Currency Conversions, Fuel Pricing

Abbreviations and Accronyms		Units of Measurement	
CAPP	Central Appalachian	boe	barrels of oil equivalent
CO₂	Carbon Dioxide	BTU	British thermal unit
CRS	constant returns to scale	CV	calorific value
DEA	Data Envelopment Analysis	Gcal	Gigacalorie
DMU	decision making unit	GJ	gigajoules
EFTA	European Free Trade Association	kg	kilogram
EU	European Union	ktons	kilotons
GHG	greenhouse gases	kWh	kilowatt-hour
IEA	International Energy Agency	MWh	megawatt-hour
US	United States	Mtce	Million tonnes of coal equivalent
VAT	value-added tax	tce	tonnes of coal equivalent

Table E.1: FOSSIL FUEL COMBUSTION - EMISSION COEFFICIENTS

FOSSIL FUEL COMBUSTION - EMISSION COEFFICIENTS				
Fuel		Unit	kg CO2e	Source
Solid fuels	Coal (industrial)	kWh (Net CV) (calorific value)	0.3393	[13]
Liquid fuels	Petrol (100% mineral petrol)	kWh (Net CV) (calorific value)	0.2532	[13]
Gaseous fuels	Natural gas	kWh (Net CV) (calorific value)	0.2044	[13]
Electricity (Consumed)	Country: UK, 5 Year Average	kWh	0.5246	[13]

Notes:

- CO_2 emission for electricity production & transmission considerably changes from country to country and from year to year. In calculations, UK 5 year average (2016 Data) is taken as an approximate value.

Table E.2: UNIT & CURRENCY CONVERSIONS

UNIT CONVERSIONS					
	Tonne of coal equivalent (tce)	Barrel of oil equivalent (boe)	Megawatt-hour (MWh)	Gigajoules (GJ)	British thermal unit (BTU)
1 tonne of oil equivalent (toe)	1.42857143	7.33	11.63	41.868	39,483,207.20
					Gigacalorie (Gcal)
					10.00
					CURRENCY CONVERSION [6]
					U.S. Dollars
					1 Euro 1.108625

Table E.3: FUEL PRICING

FUEL PRICING		
FUEL TYPE	Explanation	Price
Coal	Thermal Coal CAPP (US Central Appalachian)	48 €/metric tonnes [14]
Petroleum	IEA monthly oil price statistics, 16 May 2017	51.68 US \$/Barrel [5]
Gas	Industrial Consumers - (10,000 GJ < Consumption < 100,000 GJ, 2nd semester, excluding VAT and other recoverable taxes and levies)	19.97 €/GJ (GCV) [11]
Electricity	(500 MWh < Consumption < 2,000 MWh, 2nd semester, excluding VAT and other recoverable taxes and levies)	12.04 €/100 kWh [11]

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