



BEMEFAPFACA



## Statistical Report

2014



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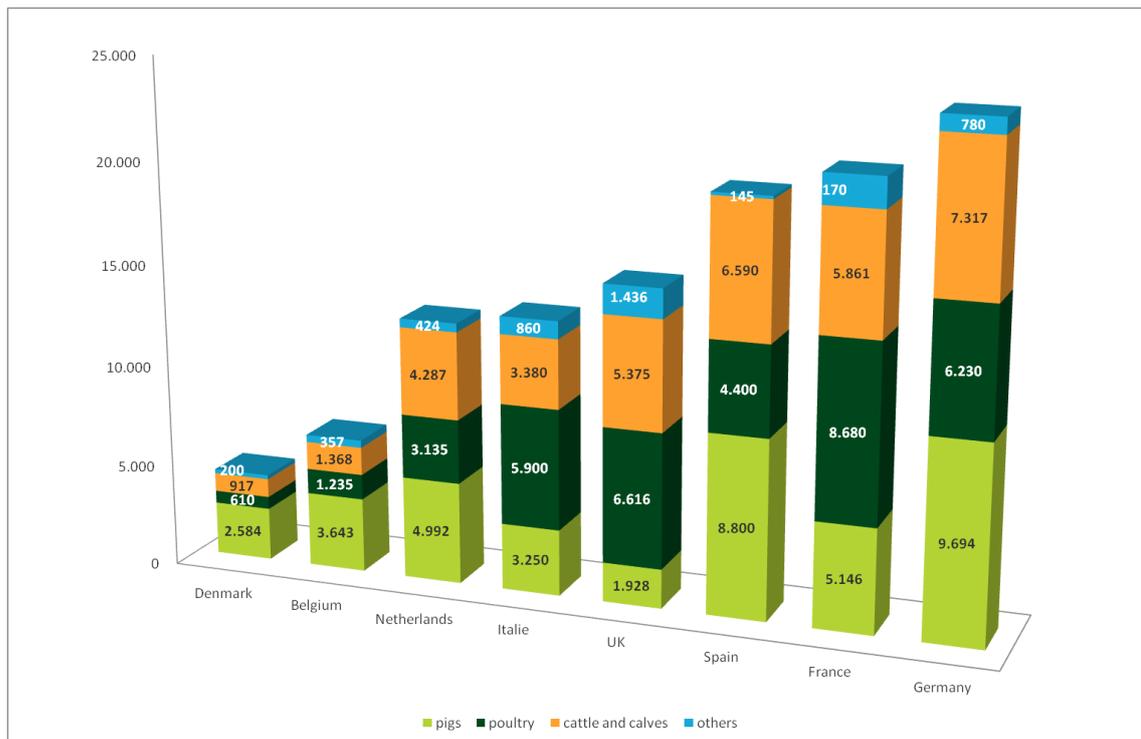
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# 1 European animal feed industry

## 1.1 Compound feed production in the main EU member states in 2014 (1000 tons)

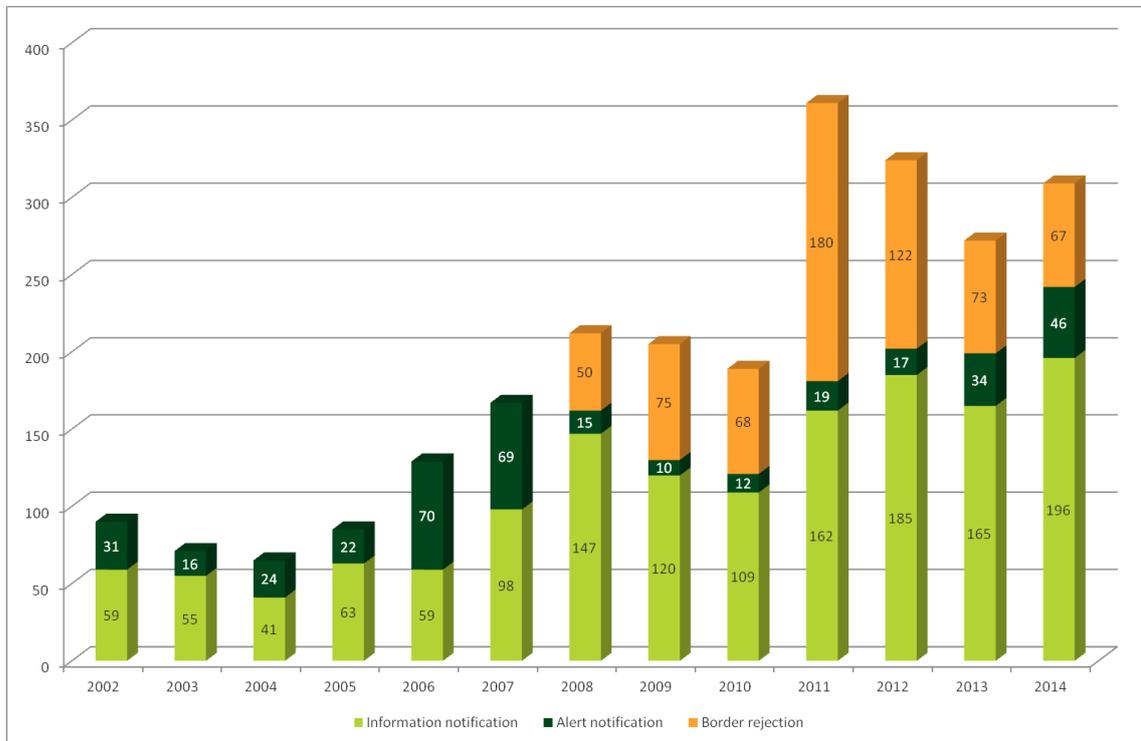


Source: Fefac, European Commission, own calculations (cf.annex 2)

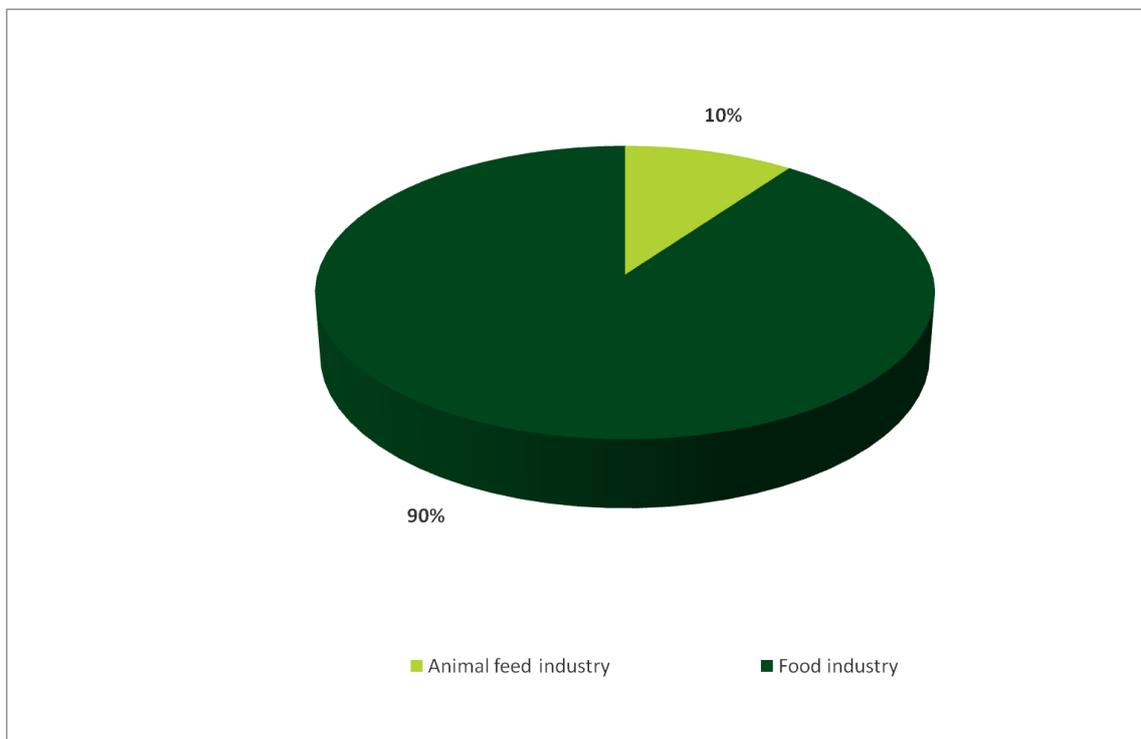
## 1.2 Overview RASFF notifications (Rapid Alert System for Food and Feed) for the feed industry

Source: Fefac

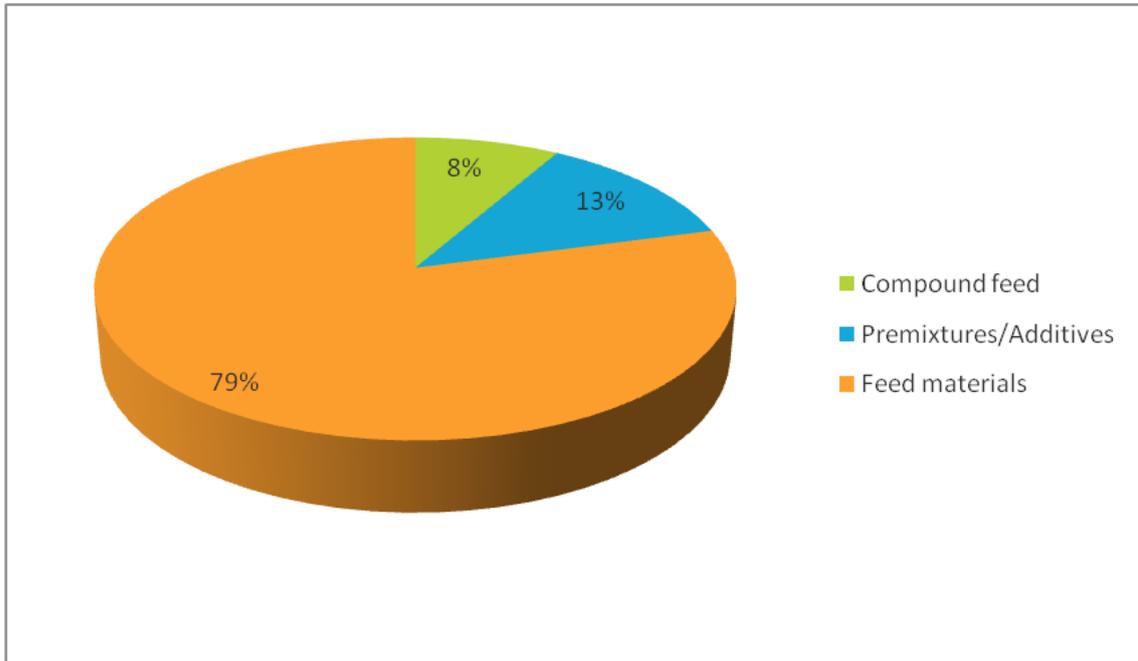
### 1.2.1 Alerts transmitted by the feed industry (2002 – 2014)



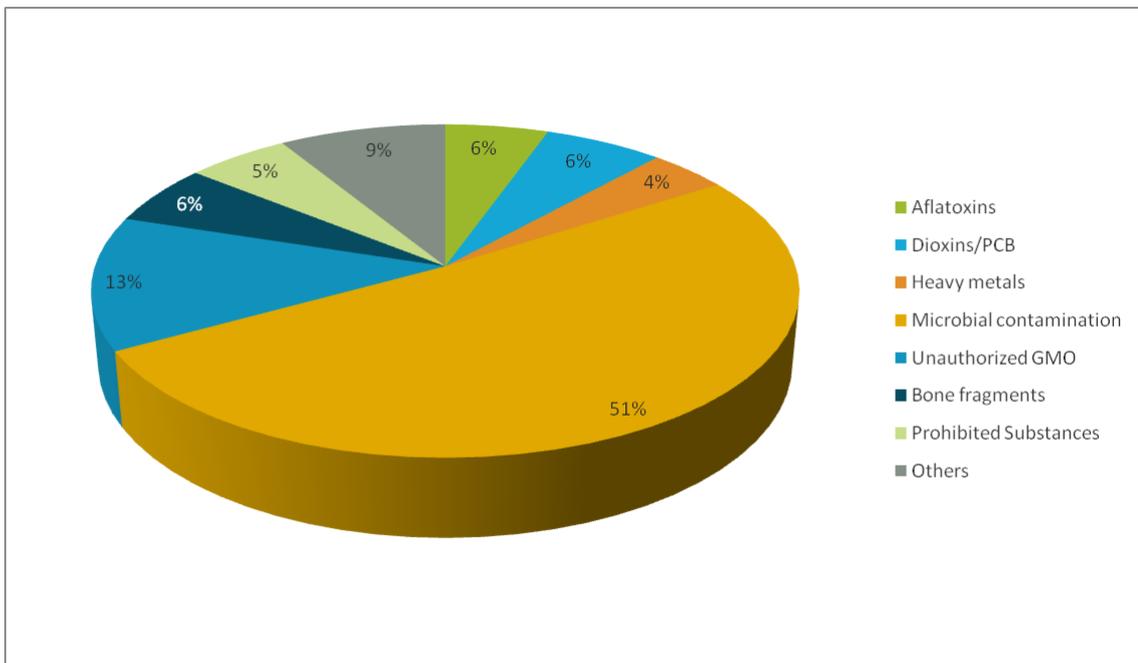
### 1.2.2 Share of feed industry in total number alerts in 2014



### 1.2.3 Alerts transmitted by the feed industry (2014) for different types of products (except petfood humid and dry)



### 1.2.4 Alerts transmitted by the feed industry (2014) for different types of contaminations (except petfood humid and dry)



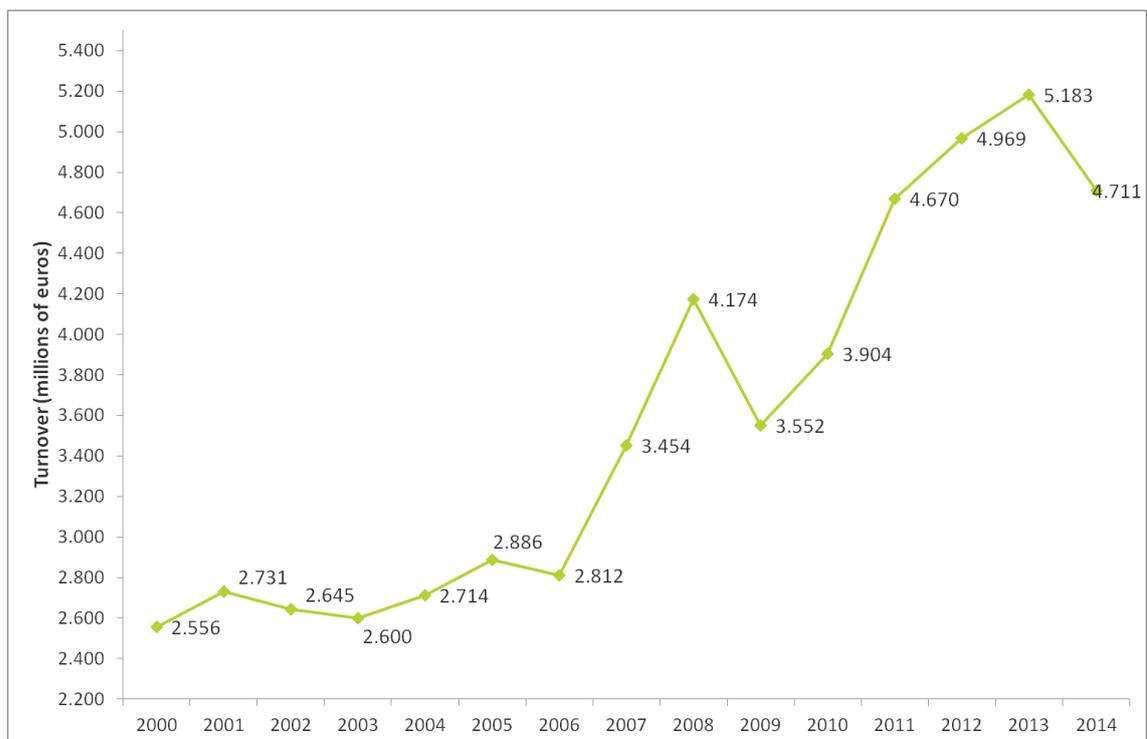
## 2 Animal feed production in Belgium

### 2.1 Turnover of the Belgian compound feed industry

Source: CRB (Central Economic Council): turnover based on the VAT declarations

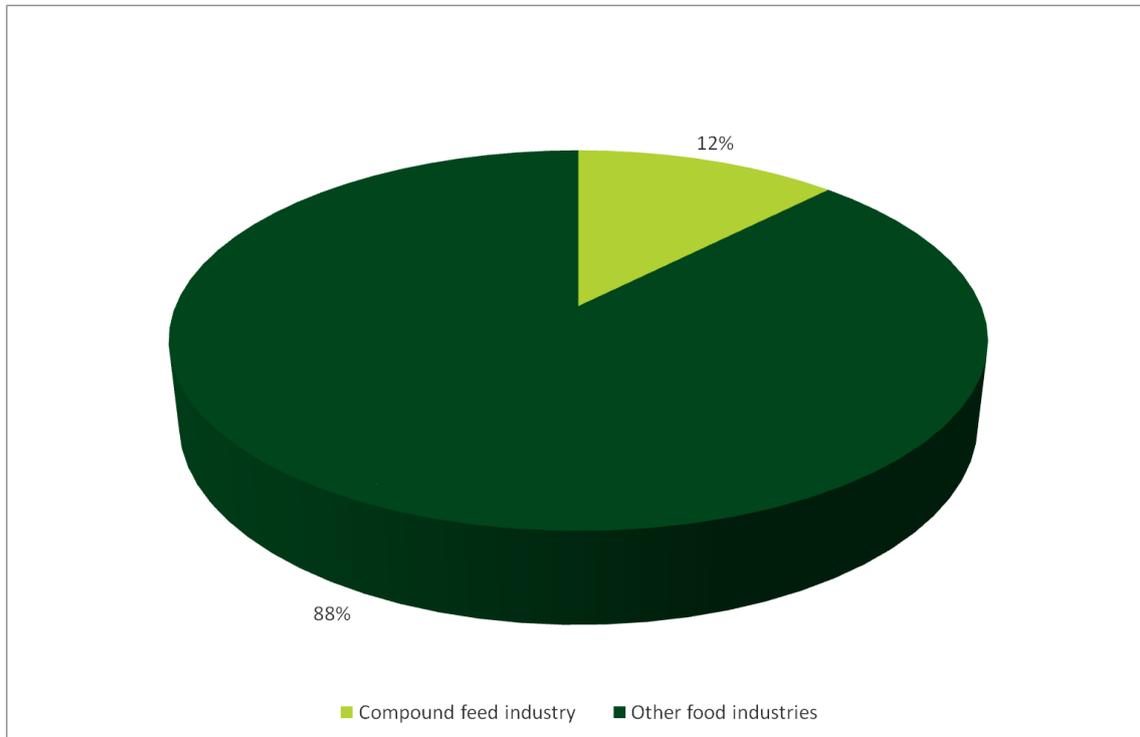
#### 2.1.1 Turnover of the Belgian compound feed manufacturers (2000 – 2014) (in millions of euros)

Compound animal feed (including premixtures and petfood)



**Notice:** Because of a changes to the privacy legislation, figures of the past years might be different from those that have been published in older reports.

### 2.1.2 Share of the compound feed industry in relation to the food industry in 2014

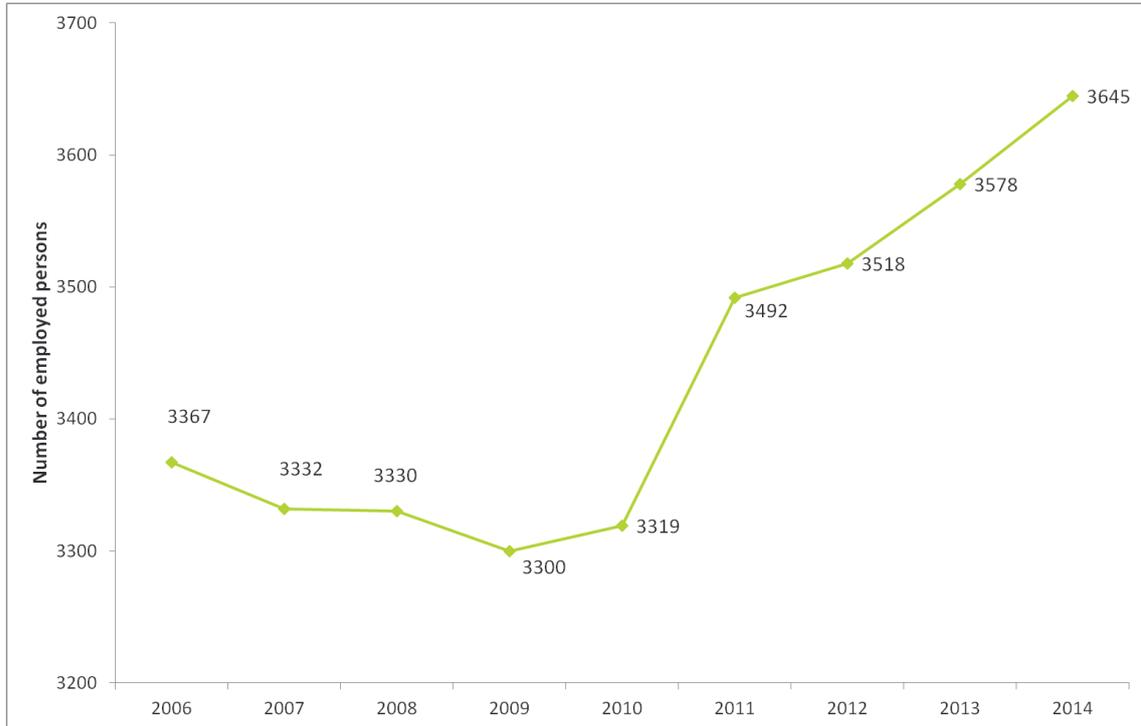


## 2.2 Employment in the Belgian compound feed industry

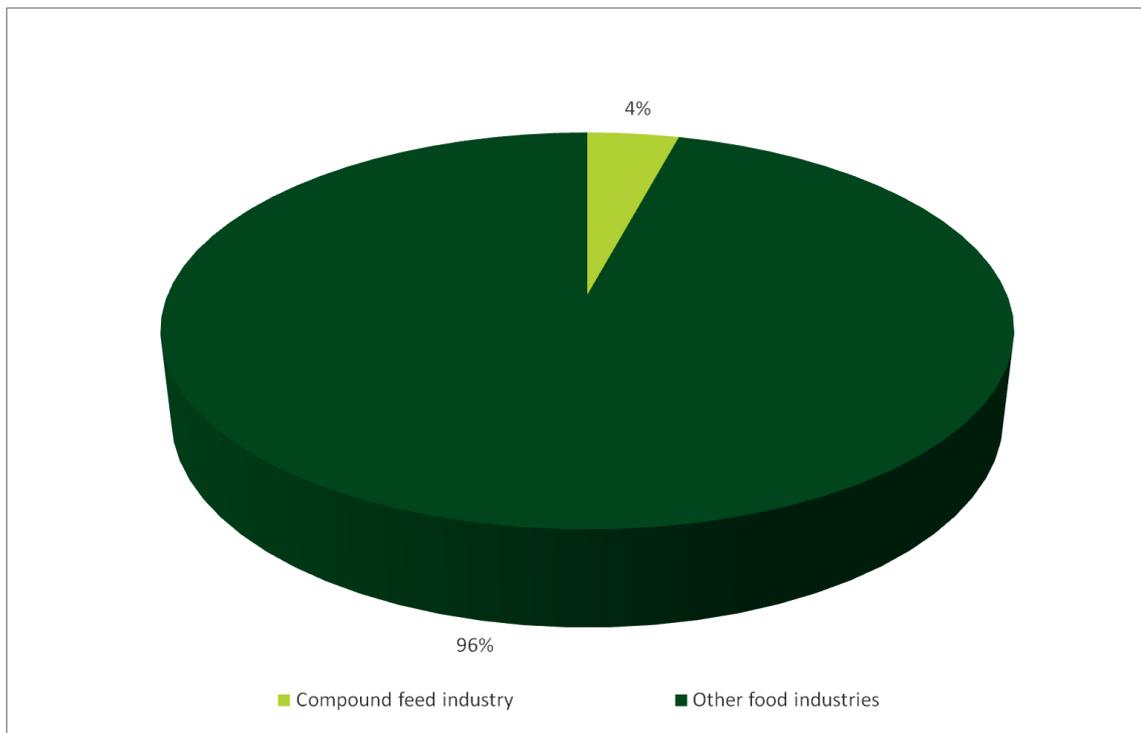
Because of changes in the methodology (other source), it is not possible to back very far in time.

Source: RSZ

### 2.2.1 Number of workers in the Belgian compound feed industry (2006 – 2014)



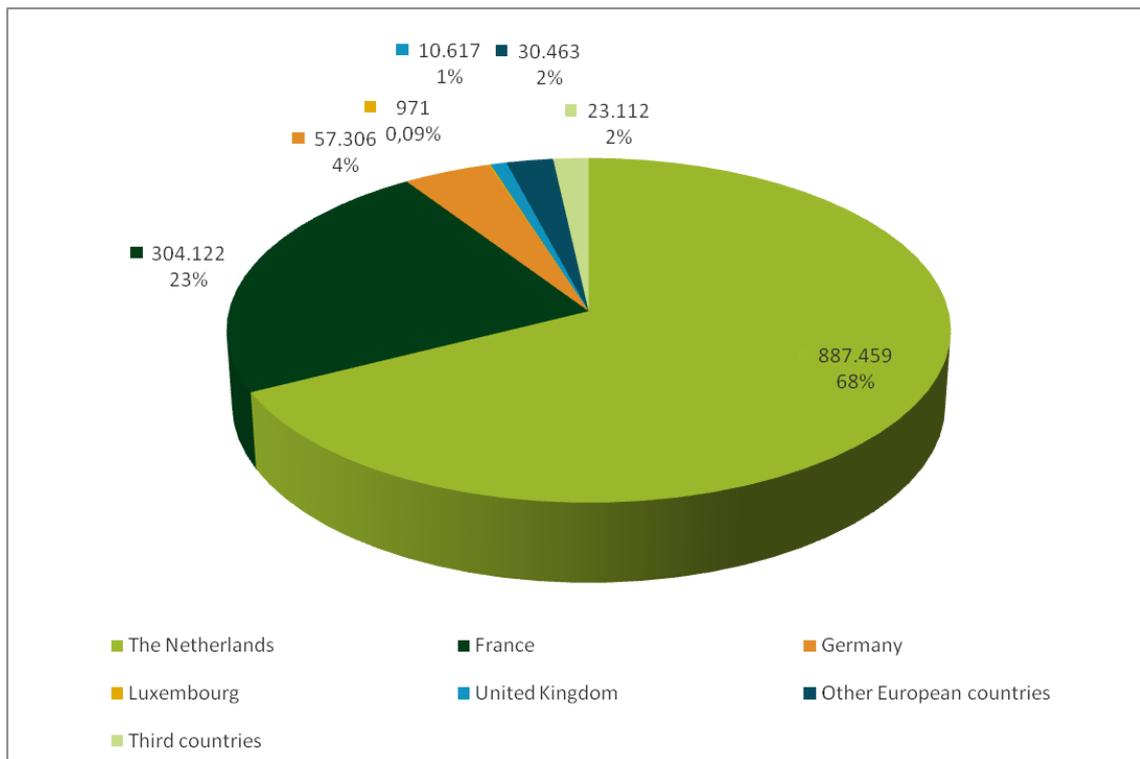
### 2.2.2 Share of the compound feed industry in relation to the food industry



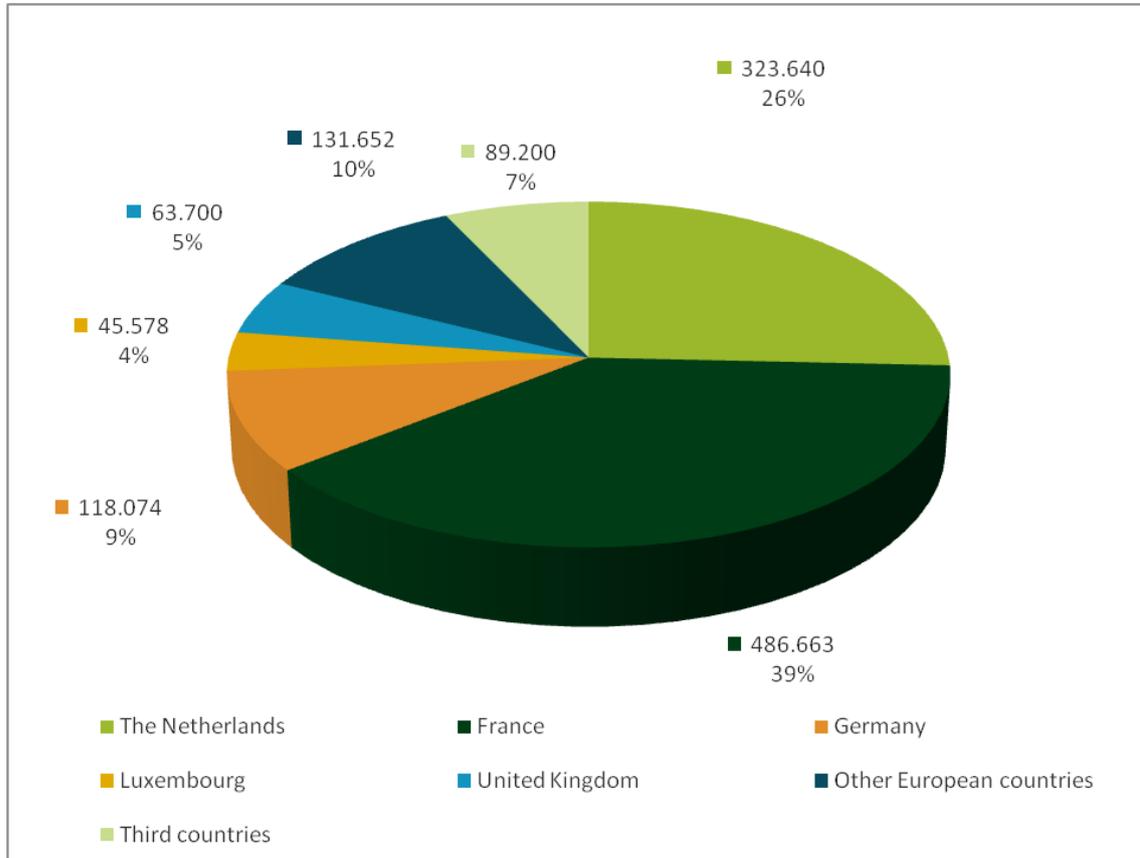
## 2.3 Import and export of animal feed in 2014

**Source:** National Bank from Belgium, export statistics of products with nomenclature 23091011 to 23099095 (including petfood, fish solubles and marine mammal solubles, beet pulp-molassed and premixtures)

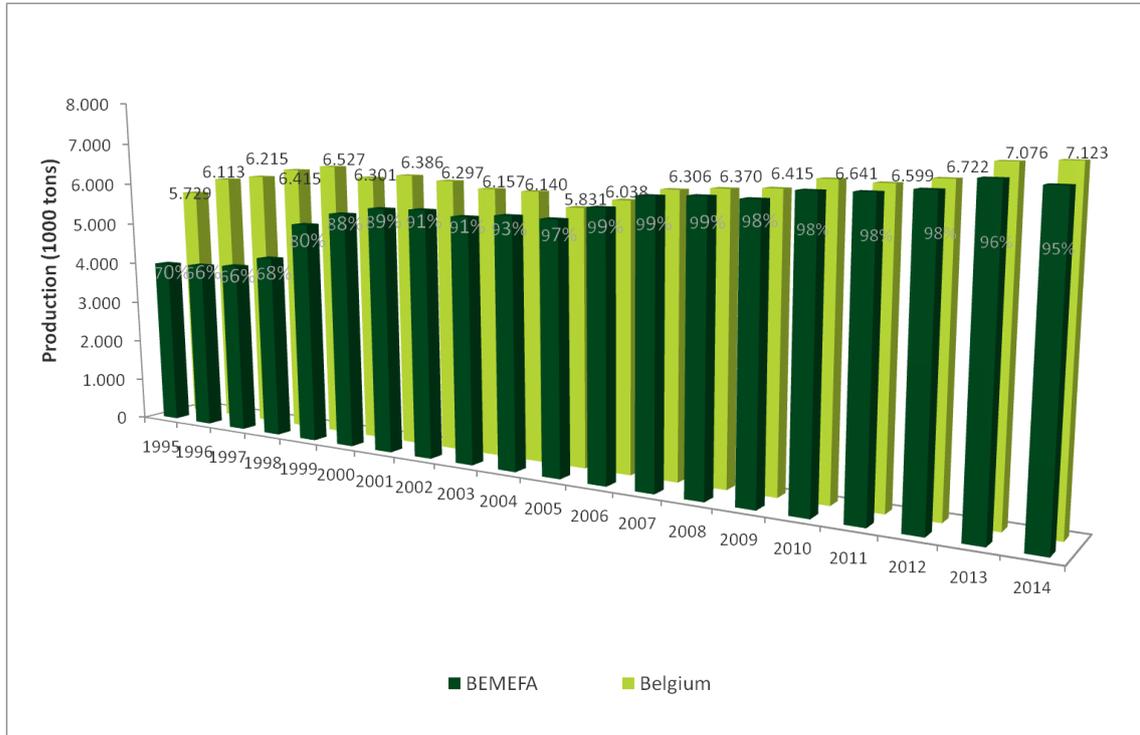
### 2.3.1 Import of animal feed into Belgium in 2013 (tons; % of the total import)



### 2.3.2 Export of animal feed from Belgium in 2014 (tons; % of the total export)



## 2.4 Production by the Belgian affiliates of BEMEFA vs the total Belgian compound feed production (1000 tons)



**Source:**

Production by the affiliates of BEMEFA: BEMEFA statistics (including export by Belgian affiliates, except import of animal feed from the Netherlands and Luxemburg, premixtures are not included).  
Total Belgian production: NIS- monthly statistics (premixtures are not included)

## 2.5 Evolution of the production of porc, poultry, cattle, calf feed and other feed (Belgian affiliates of BEMEFA)

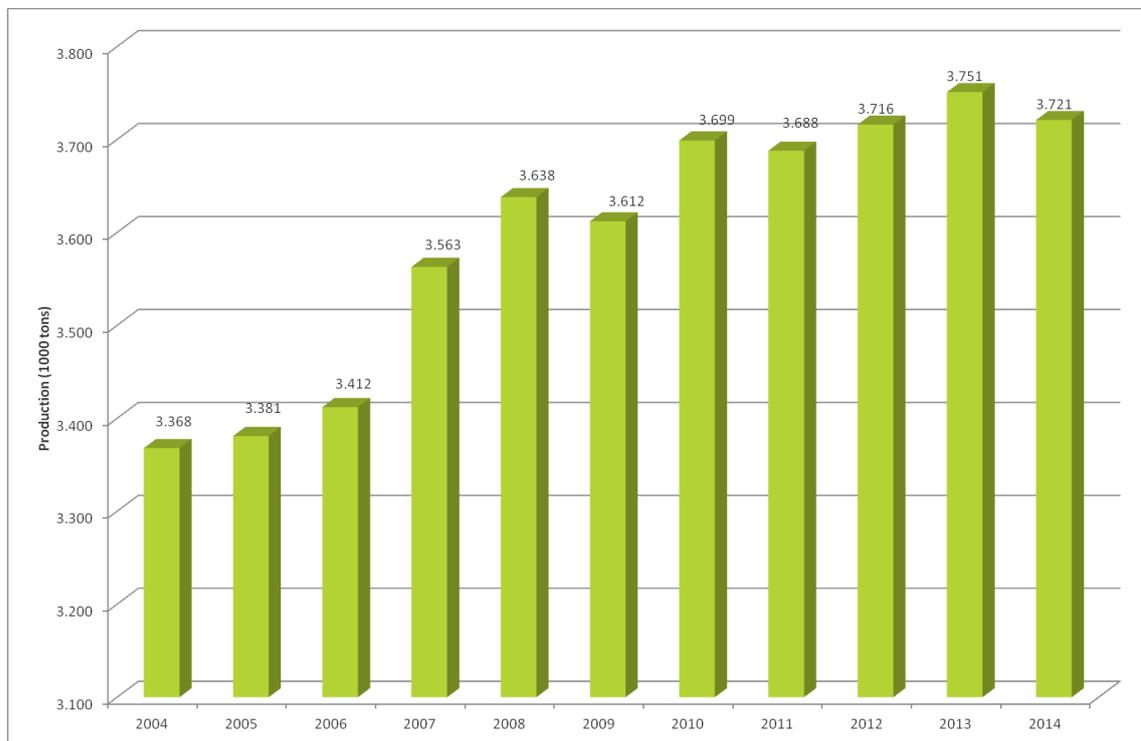
Because of changes in the methodology (other source), it is not possible to go back very far in time.

At the beginning of 2014, the classification of animal feeds has been modified. This explains the reason why some groups of animal feed have decreased or increased (substantially). The changes are as follows:

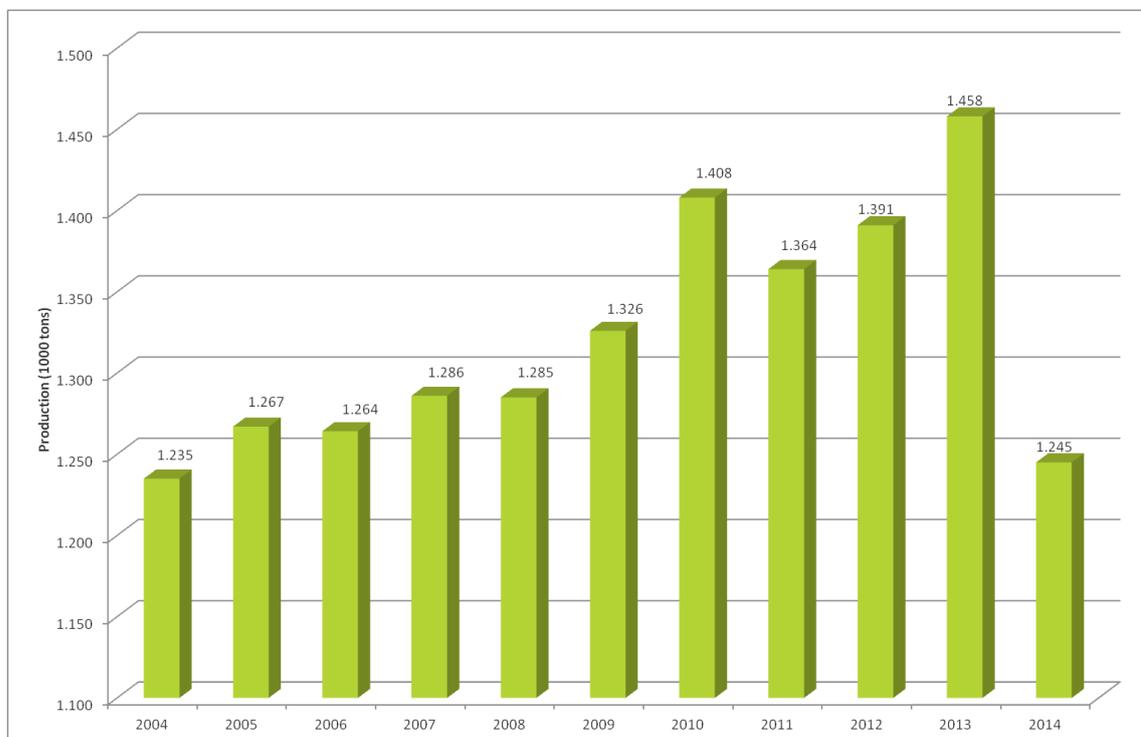
- 'Rabbit feed' and 'pigeon feed' are no longer classified into the group of 'poultry feed', but belong to the group of 'other' feed. This explains why the group 'poultry feed' has decreased and why the group 'other feed' has increased.
- The sub-classification of the 'poultry feed' group has been modified and contains following subgroups: chickens for fattening, laying hens, reared chickens, chickens for breeding and 'various other' (turkey,...).
- The 'cattle feed' group also has been modified since the beginning of 2014. The group contains now: young cattle feed, dairy cattle, beef cattle and artificial milk. Before that, distinction was made between: 'calf feed' (artificial milk, calves for fattening, rearing feed) and 'cattle feed' except calf feed (rearing feed, beef cattle, dairy cattle).
- The group 'pork feed' has been divided into : baby-piglets (up to 20 kg), piglets (20 – 40 kg), fattening pigs (> 40 kg) and sows.
- The group 'other' feed contains horse, rabbit, goat, sheep, fish feed and petfood and 'various other' (as pigeon feed).

**Source:** BEMEFA (cf. annex 1 for 2014 p. 30 )

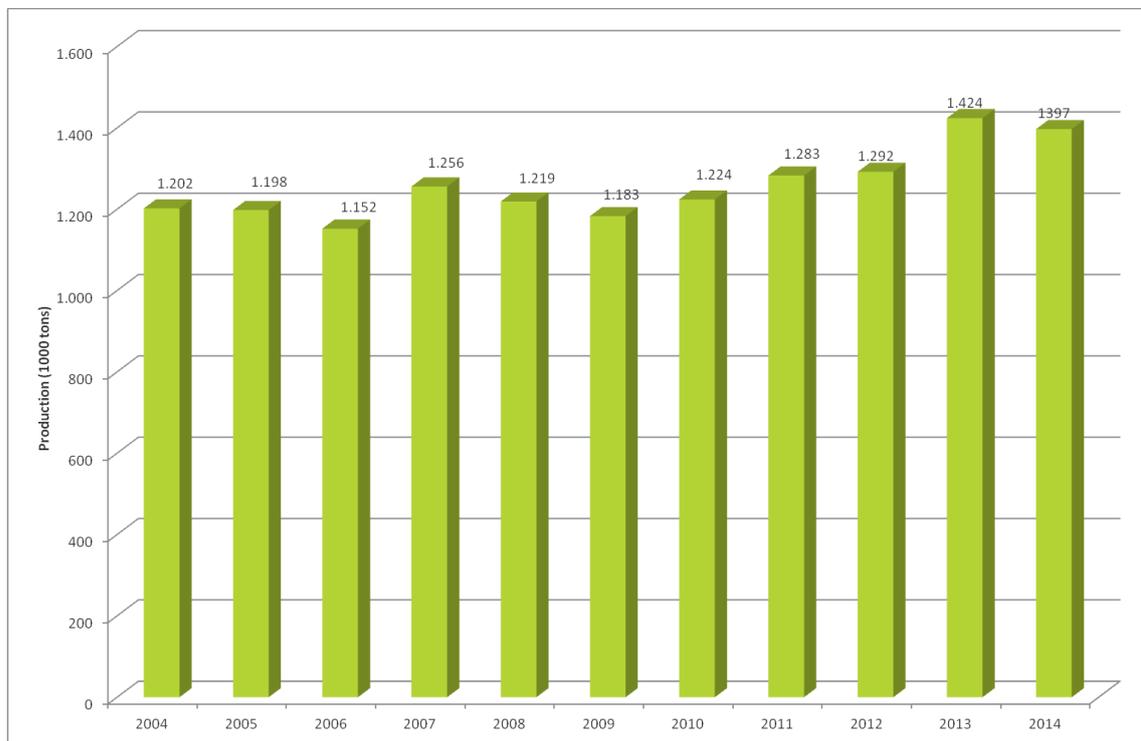
### 2.5.1 Evolution of the production of pork feed (1000 tons)



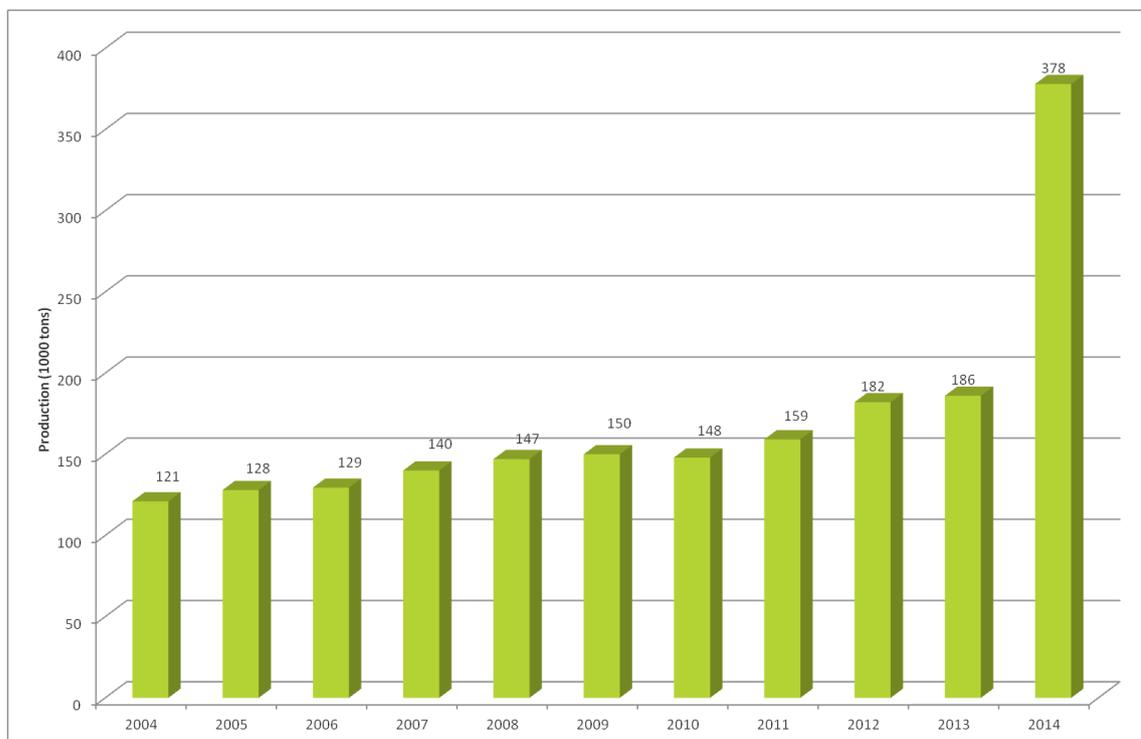
### 2.5.2 Evolution of the production of poultry feed (1000 tons)



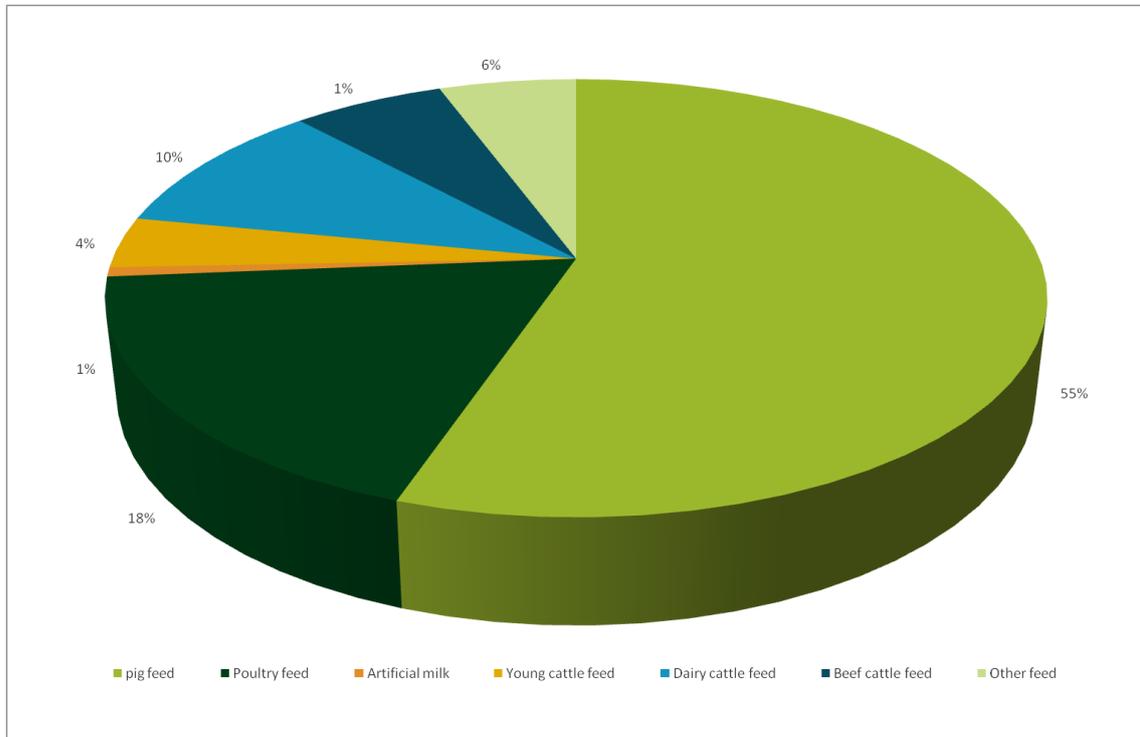
### 2.5.3 Evolution of the production of cattle feed(1000 tons)



### 2.5.4 Evolution of the production of 'other feed' (1000 tons)



## 2.6 Share of different feed types in total production by the Belgian affiliates of BEMEFA in 2014

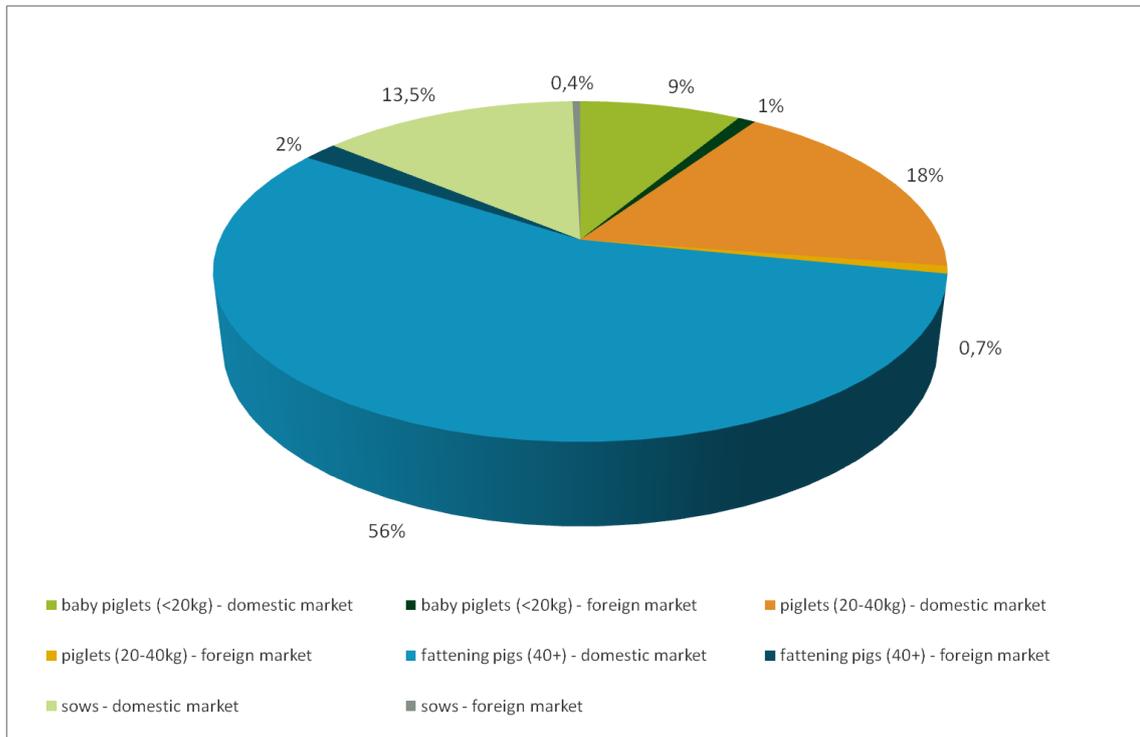


Source: BEMEFA (cf. annex 1 p. 30)

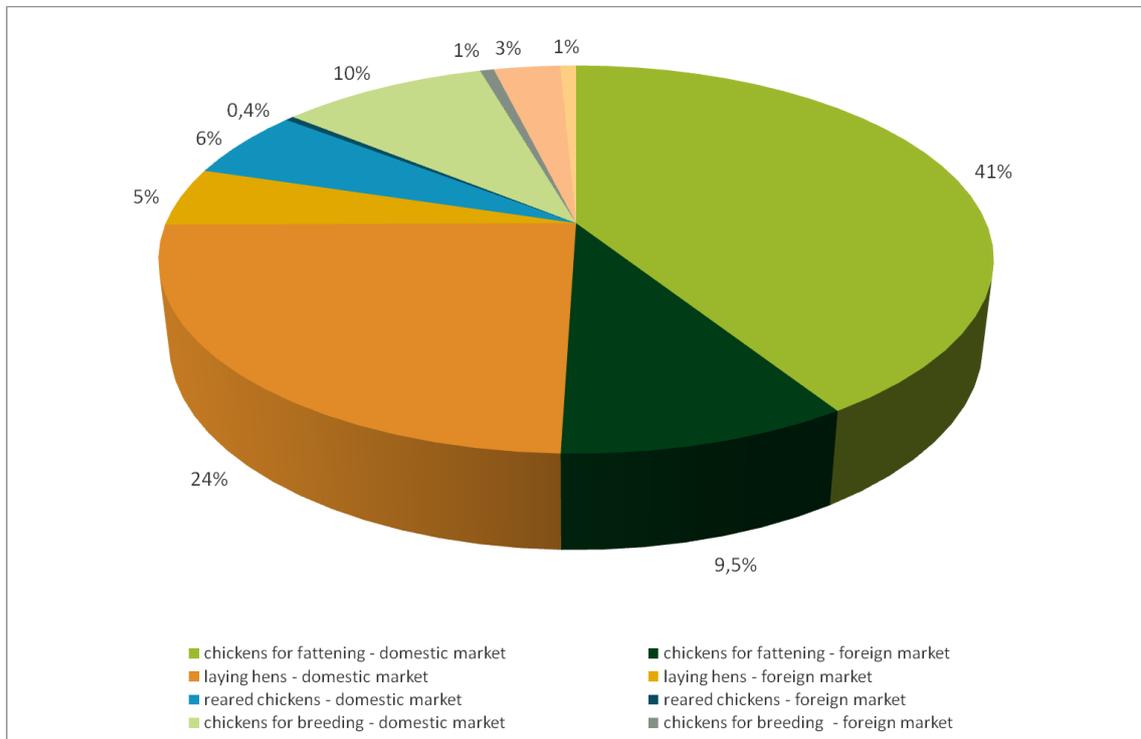
## 2.7 Production of feed and premixes for different species of animals in 2014 (Belgian affiliates of BEMEFA)

Source: BEMEFA (cf. annex 1 p. 30)

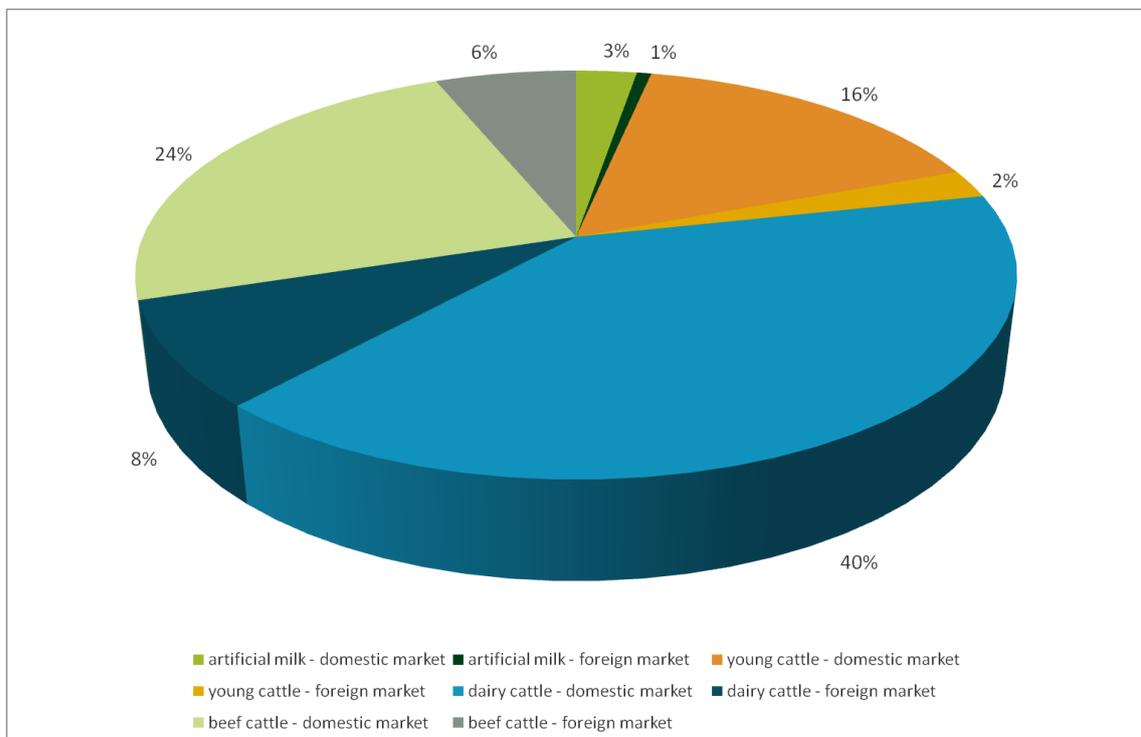
### 2.7.1 Production of different types of pork feed in 2014 (%)



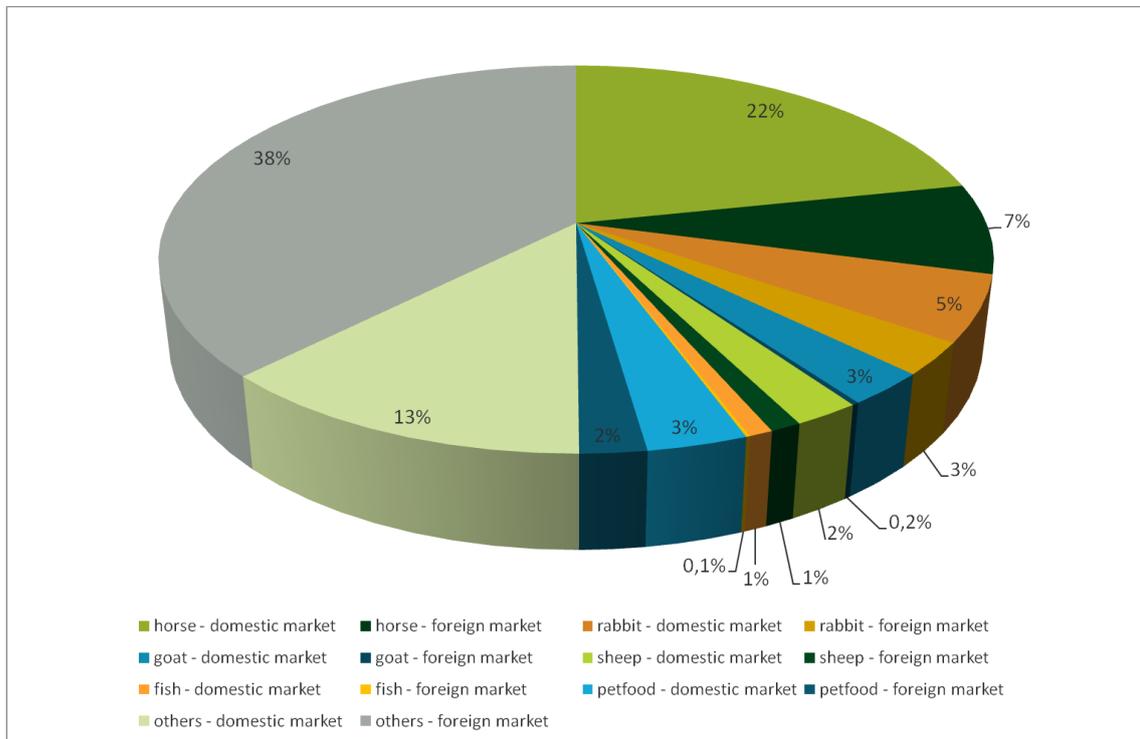
### 2.7.2 Verdeling van de pluimveevoederproductie in 2014 (%)



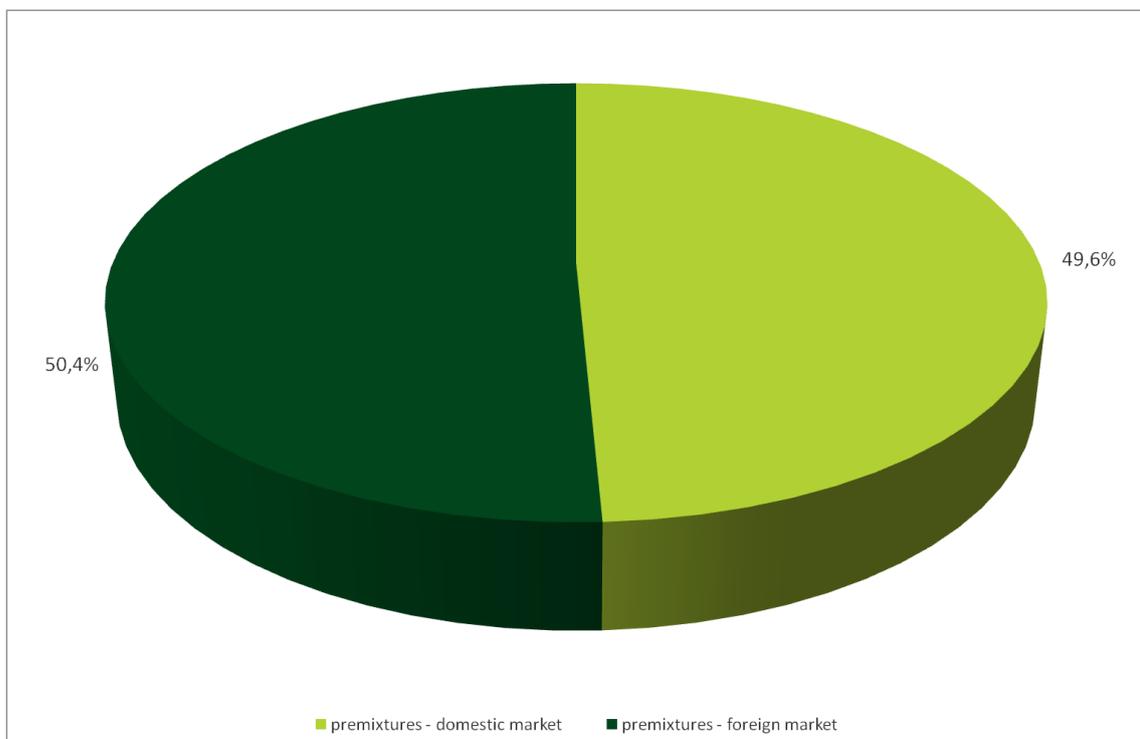
### 2.7.3 Production of different types of poultry feed in 2014 (%)



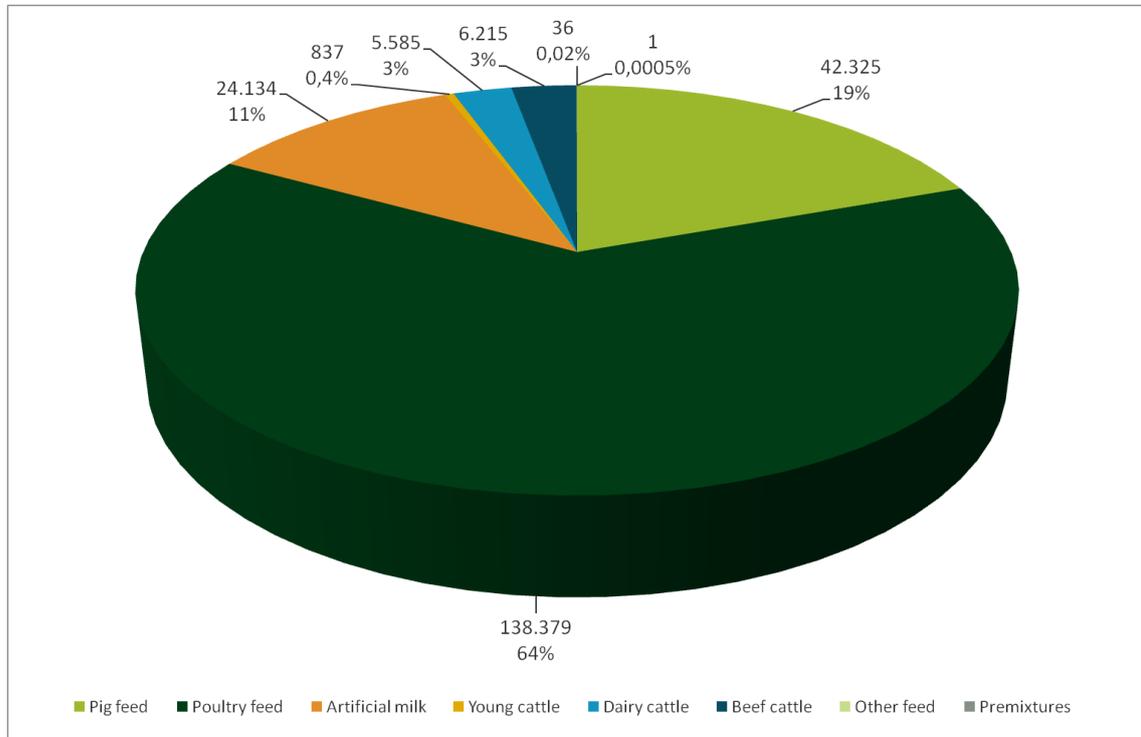
### 2.7.4 Production of different types of 'other feed' in 2014 (%)



### 2.7.5 Production of different types of premixes in 2014 (%)

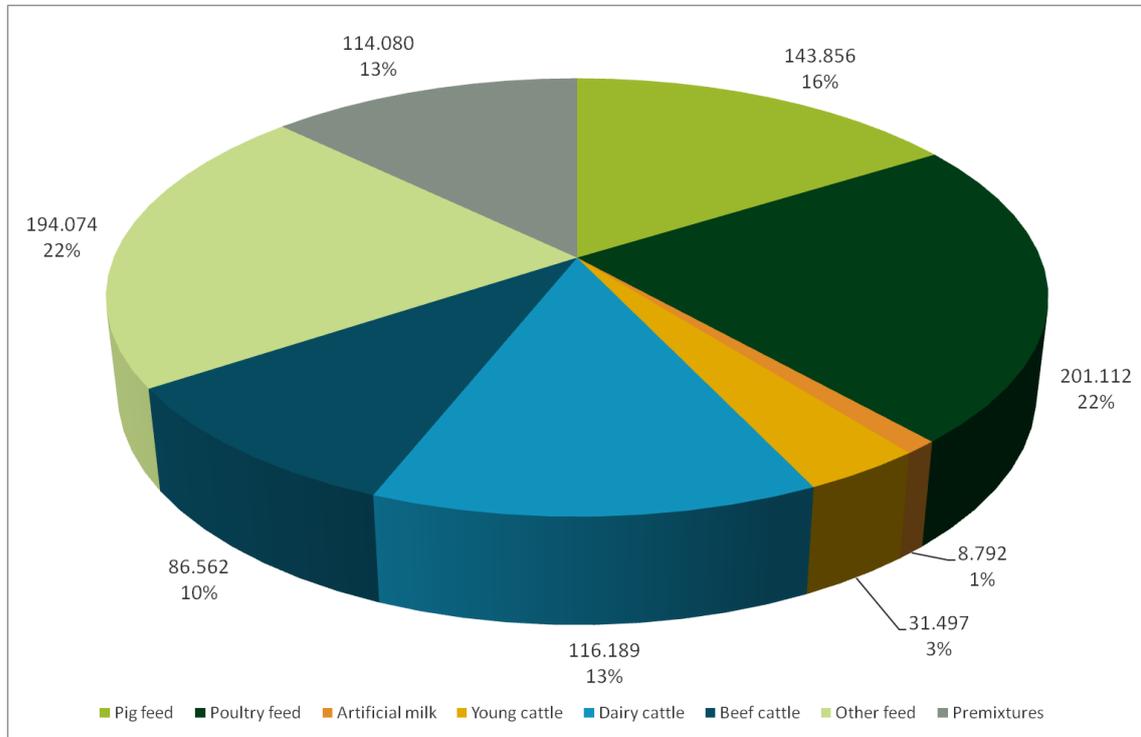


## 2.8 Import of compound feed and premixes into Belgium by non-affiliates of BEMEFA in 2014 (tons; % of total import)



Source: BEMEFA (cf. annex 1 p. 30)

## 2.9 Export of compound feed and premixes by Belgian affiliates of BEMEFA in 2014 (tons; % of total export)



Source: BEMEFA (cf. annex 1 p. 30)

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### 3 Raw materials used in the Belgian animal feed industry

**Source:** BEMEFA – The inventory, completed by the affiliates every year within the context of their participation in the monitoring plan for the food safety (monitoring of undesirable substances). The inventory contains data of the year before. In this case, the collected data are the data for 2013 ( cf. annex 3).

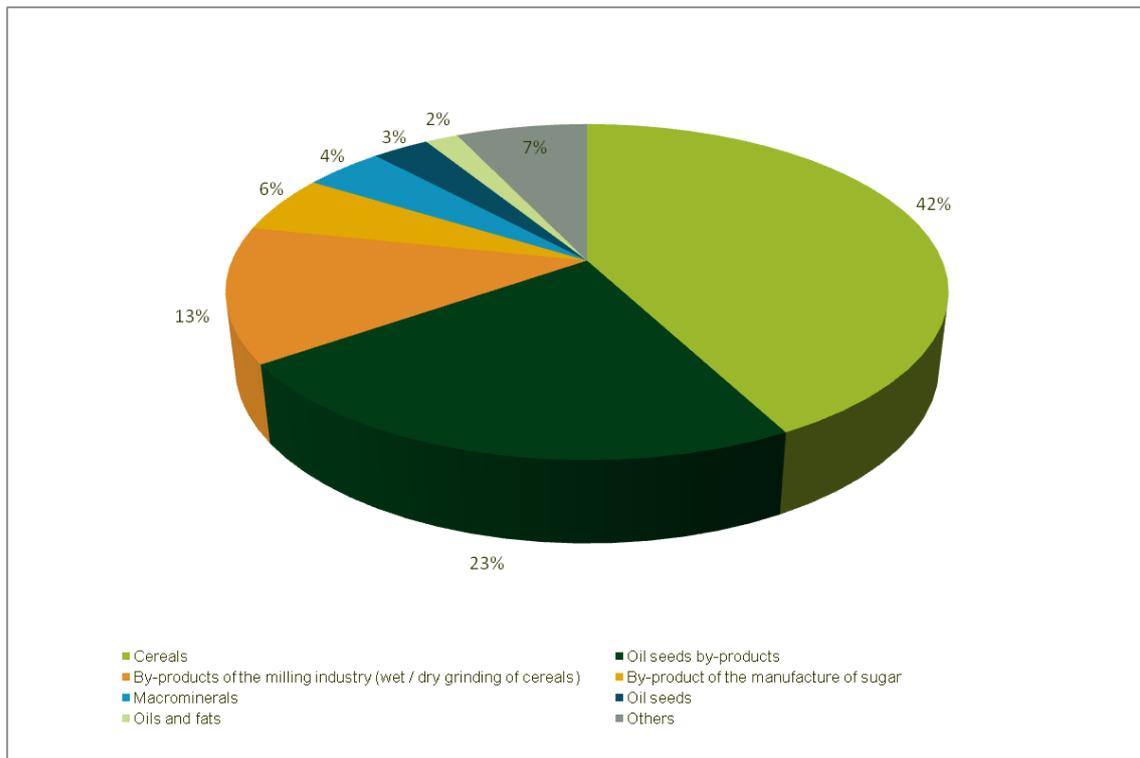
**Notice:** This information has to be treated with caution. The data are rather overestimated because,

- a) For some raw materials, the amount of goods for resale can be considerable;
- b) Sometimes the volumes of raw materials declared in the inventory are higher than actually volumes imported in Belgium (Foreign companies can decide to cover the quantities of raw materials used for the production of compound feed with destination other markets than the Belgian market, by the sector based sampling plan);
- c) The volume of goods in transit cannot always be deducted from these figures;
- d) The export of some types of animal feed can be considerably higher

The majority of the materials used for the production of compound feed are feed materials (97% of total use). Besides feed materials, are also used: additives and premixes.

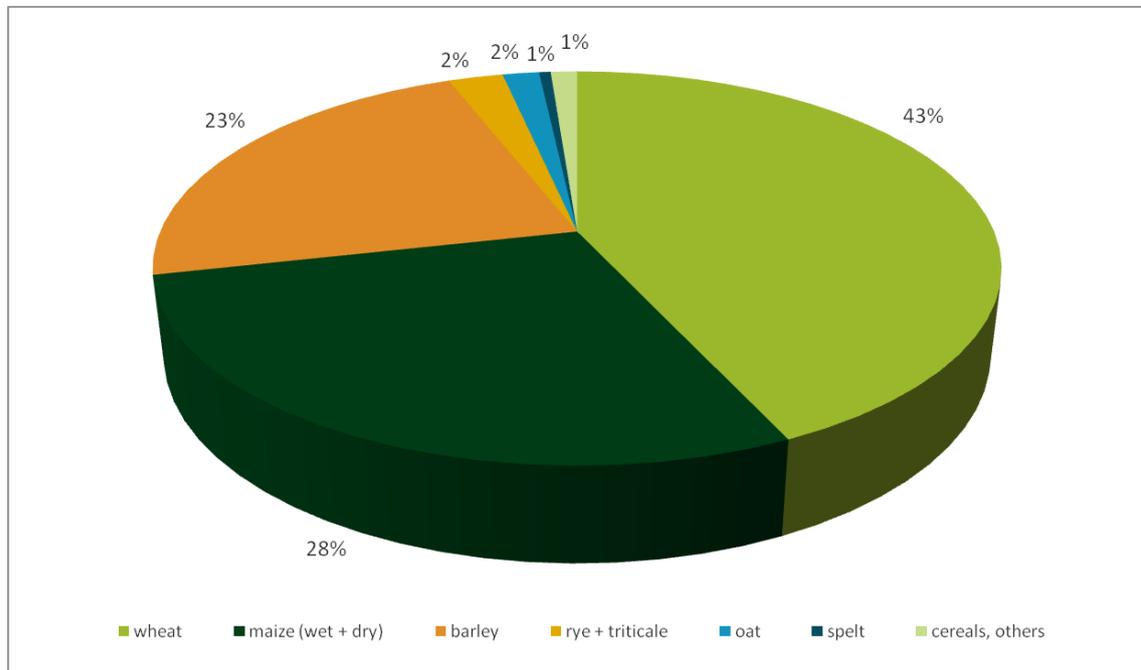
### 3.1 Raw materials used in the Belgian animal feed industry in 2013

#### 3.1.1 Total volume of raw materials used in the Belgian animal feed industry in 2013 (%)



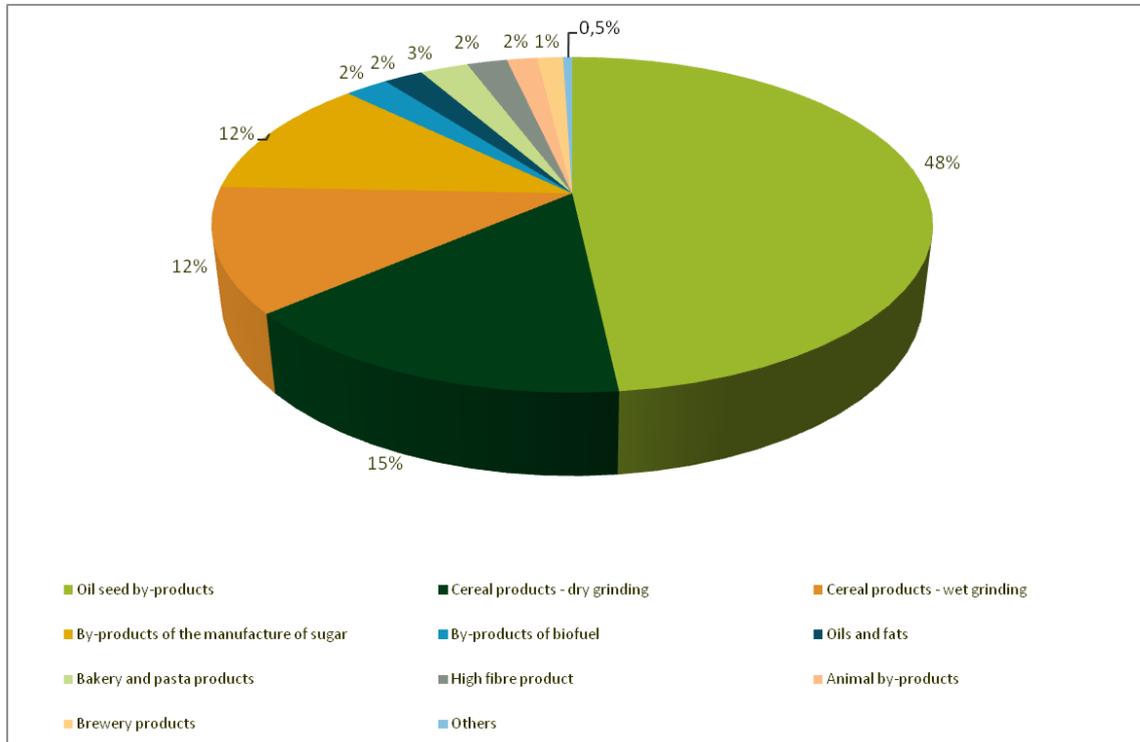
**Notice:** The group 'others' contains e.g. following raw materials: bakery products, by products of biofuel production, brewery products, animal by-products, fruits & vegetables, dried fodder, yeast, high fibre products, tubers and roots, seed and pulse.

### 3.1.2 Cereals used in the Belgian animal feed industry 2013 (%)



**Notice:** the group 'cereals, others' contains e.g. rice, millet, sorghum, milo, dari and buckwheat.

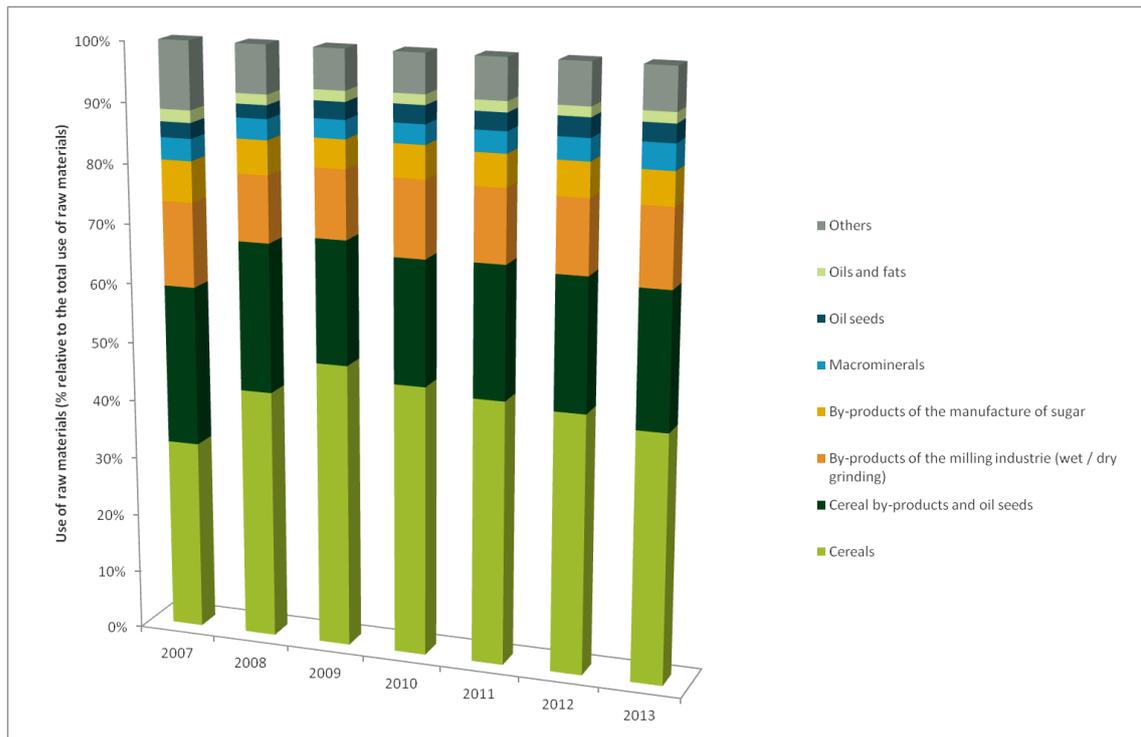
### 3.1.3 By-products used in the Belgian animal feed industry in 2013 (%)



**Notice:** Only raw materials that are cataloged as by-products have been taken into consideration. The group 'others' contains e.g. following materials: fruits and vegetables, tubers and roots, macrominerals.

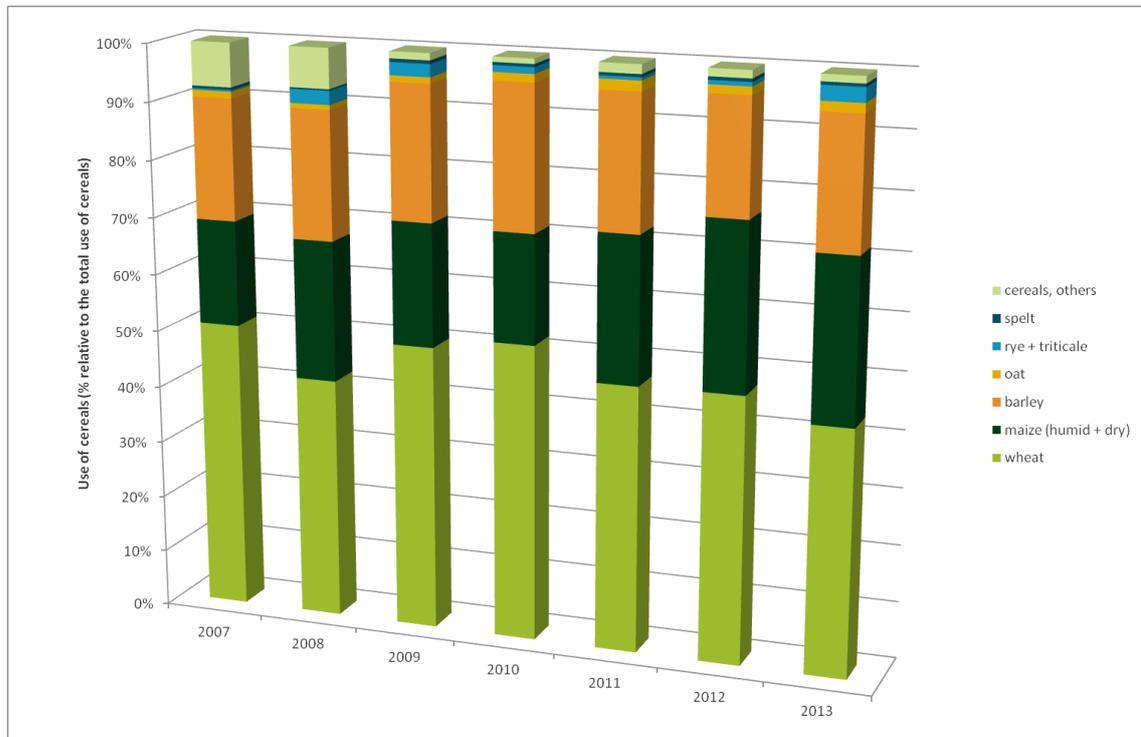
## 3.2 Evolution of the volume of raw materials used in the Belgian animal feed industry

### 3.2.1 Evolution of the total volume of raw materials used in the Belgian animal feed industry (2007-2013)



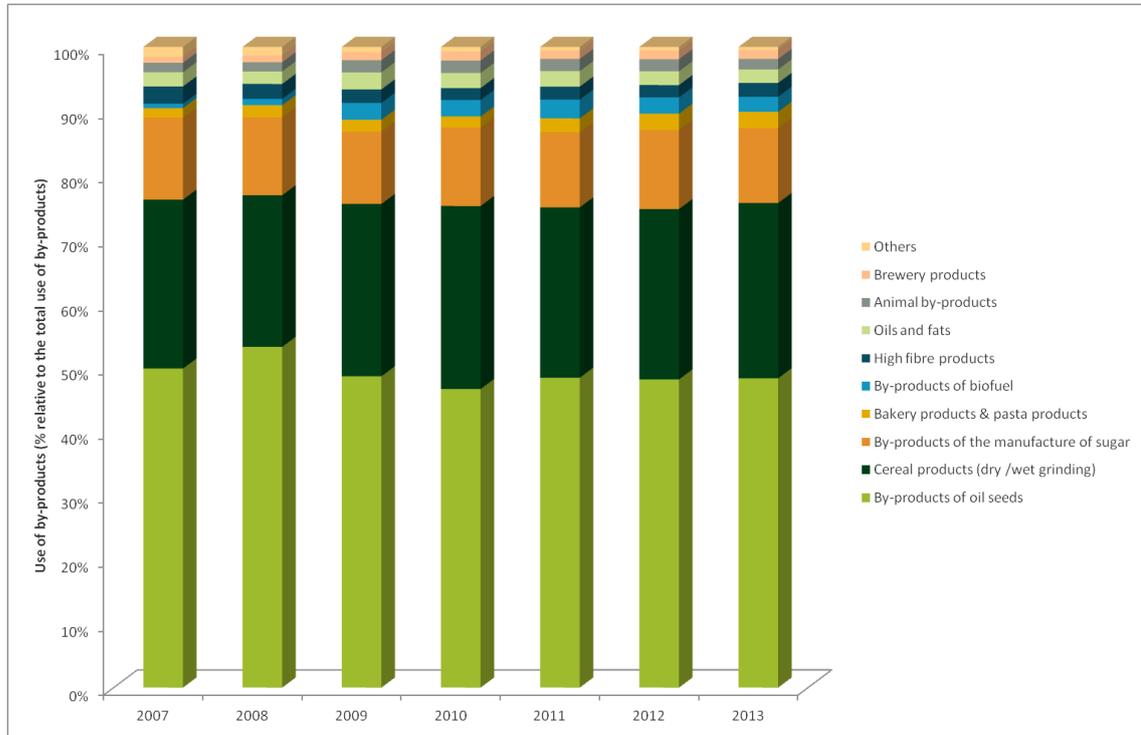
**Notice:** The group 'others' contains e.g. following raw materials: bakery products, by products of biofuel production, brewery products, animal by-products, fruits & vegetables, dried fodder, yeast, high fibre products, tubers and roots, seed and pulse.

### 3.2.2 Evolution of the total volume of cereals used in the Belgian animal feed industry (2007-2013)



**Notice:** The group 'cereals, others' contains e.g. rice, millet, sorghum, milo, dari and buckwheat.

### 3.2.3 Evolution of the total volume of by-products used in the Belgian animal feed industry (2007-2013)



**Notice:** Only raw materials that are cataloged as by-products have been taken into consideration. The group 'others' contains e.g. following materials: fruits and vegetables, tubers and roots, macrominerals.

## Annex 1: BEMEFA production in 2014

**Source:** BEMEFA

**Notice:** The manufacturers are classified in different categories according to their size (total compound feed production). Except for import, only the production of the Belgian affiliates has been taken into consideration.

### B1.1 Production of compound feed / premixes for different feed types and production classes: domestic market + export from Belgium (tons) by Belgian affiliates in 2014

Tons	< 50.000	50 - 100.000	100 - 150.000	> 150.000	Total
pig feed	545.289	531.965	376.405	2.266.863	3.720.522
Poultry feed	136.334	116.555	46.702	945.336	1.244.927
Artificial milk	43.699	1.049	11	1.230	45.989
Young cattle feed	81.234	38.062	11.390	124.476	255.162
Dairy cattle feed	143.899	55.379	25.874	452.504	677.656
Beef cattle feed	188.738	29.125	17.173	182.669	417.705
Other feed	120.735	3.630	2.917	250.666	377.948
Premixtures					224.811
<b>TOTAL FEED</b>	<b>1.259.928</b>	<b>775.765</b>	<b>480.472</b>	<b>4.223.744</b>	<b>6.739.909</b>
% of the feed production	19%	12%	7%	63%	100%
<b>TOTAL FEED + PREMIXTURES</b>					<b>6.964.720</b>
Number of manufacturers (premixtures included)	105	12	4	10	131
% manufacturers	80%	9%	3%	8%	100%

### B1.1.1 Pork feed for each production class in 2014: domestic market + export from Belgium (tons)

	Tons	< 50.000	50 - 100.000	100 - 150.000	> 150.000	Total
baby piglets (<20kg)	domestic market	48.639	39.703	33.990	195.048	317.380
		15%	13%	11%	61%	
	foreign market	20.637	5.195	60	8.291	34.183
		60%	15%	0,2%	24%	
<b>Total</b>	<b>69.276</b>	<b>44.898</b>	<b>34.050</b>	<b>203.339</b>	<b>351.563</b>	
piglets (20-40kg)	domestic market	96.732	93.731	66.924	413.076	670.463
		14%	14%	10%	62%	
	foreign market	7.431	7.500	455	11.753	27.139
		27%	28%	2%	43%	
<b>Total</b>	<b>104.163</b>	<b>101.231</b>	<b>67.379</b>	<b>424.829</b>	<b>697.602</b>	
fattening pigs (40+)	domestic market	296.100	295.917	215.856	1.278.255	2.086.128
		14%	14%	10%	61%	
	foreign market	4.742	16.303	3.779	42.547	67.371
		7%	24%	6%	63%	
<b>Total</b>	<b>300.842</b>	<b>312.220</b>	<b>219.635</b>	<b>1.320.802</b>	<b>2.153.499</b>	
sows	domestic market	67.320	68.363	55.341	311.671	502.695
		13%	14%	11%	62%	
	foreign market	3.688	5.253	0	6.222	15.163
		24%	35%	0%	41%	
<b>Total</b>	<b>71.008</b>	<b>73.616</b>	<b>55.341</b>	<b>317.893</b>	<b>517.858</b>	
<b>Total domestic market</b>	<b>508.791</b>	<b>497.714</b>	<b>372.111</b>	<b>2.198.050</b>	<b>3.576.666</b>	
	<b>14%</b>	<b>14%</b>	<b>10%</b>	<b>61%</b>		
<b>Total foreign market</b>	<b>36.498</b>	<b>34.251</b>	<b>4.294</b>	<b>68.813</b>	<b>143.856</b>	
	<b>25%</b>	<b>24%</b>	<b>3%</b>	<b>48%</b>		
<b>Final total</b>	<b>545.289</b>	<b>531.965</b>	<b>376.405</b>	<b>2.266.863</b>	<b>3.720.522</b>	
	<b>15%</b>	<b>14%</b>	<b>10%</b>	<b>61%</b>		
<b>Number of manufacturers</b>	<b>70</b>	<b>11</b>	<b>4</b>	<b>10</b>	<b>95</b>	
	<b>74%</b>	<b>12%</b>	<b>4%</b>	<b>11%</b>		

## B1.1.2 Poultry feed for each production class in 2014: domestic market + export from Belgium (tons)

	Tons	< 50.000	50 - 100.000	100 - 150.000	> 150.000	Total
chickens for fattening	domestic market	73.124	6.242	27.826	403.071	510.263
		14%	1%	5%	79%	
	foreign market	1.050	53.911	7.920	55.372	118.253
		1%	46%	7%	47%	
<b>Total</b>	<b>74.174</b>	<b>60.153</b>	<b>35.746</b>	<b>458.443</b>	<b>628.516</b>	
laying hens	domestic market	13.395	23.432	921	265.877	303.625
		4%	8%	0,3%	88%	
	foreign market	1.958	5.910	216	52.848	60.932
		3%	10%	0,4%	87%	
<b>Total</b>	<b>15.353</b>	<b>29.342</b>	<b>1.137</b>	<b>318.725</b>	<b>364.557</b>	
reared chickens	domestic market	8.219	20.691	3.487	39.652	72.049
		11%	29%	5%	55%	
	foreign market	454	154	570	3.608	4.786
		9,5%	3%	12%	75%	
<b>Total</b>	<b>8.673</b>	<b>20.845</b>	<b>4.057</b>	<b>43.260</b>	<b>76.835</b>	
chickens for breeding	domestic market	14.488	4.434	3.230	97.347	119.499
		12%	4%	3%	81%	
	foreign market	7.517	6	61	414	7.998
		94%	0,1%	0,8%	5%	
<b>Total</b>	<b>22.005</b>	<b>4.440</b>	<b>3.291</b>	<b>97.761</b>	<b>127.497</b>	
all kinds	domestic market	8.946	1.085	1.895	26.453	38.379
		23%	3%	5%	69%	
	foreign market	7.183	690	576	694	9.143
		79%	8%	6%	8%	
<b>Total</b>	<b>16.129</b>	<b>1.775</b>	<b>2.471</b>	<b>27.147</b>	<b>47.522</b>	
<b>Total domestic market</b>		<b>118.172</b>	<b>55.884</b>	<b>37.359</b>	<b>832.400</b>	<b>1.043.815</b>
		<b>11%</b>	<b>5%</b>	<b>4%</b>	<b>80%</b>	
<b>Total foreign market</b>		<b>18.162</b>	<b>60.671</b>	<b>9.343</b>	<b>112.936</b>	<b>201.112</b>
		<b>9%</b>	<b>30%</b>	<b>5%</b>	<b>56%</b>	
<b>Final total</b>		<b>136.334</b>	<b>116.555</b>	<b>46.702</b>	<b>945.336</b>	<b>1.244.927</b>
		<b>11%</b>	<b>9%</b>	<b>4%</b>	<b>76%</b>	
<b>Number of manufacturers</b>		<b>45</b>	<b>9</b>	<b>3</b>	<b>7</b>	<b>64</b>
		<b>70%</b>	<b>14%</b>	<b>5%</b>	<b>11%</b>	

### B1.1.3 Cattle feed for each production class in 2014: domestic market + export from Belgium (tons)

	Tonnes	< 50.000	50 - 100.000	100 - 150.000	> 150.000	Total
artificial milk	domestic market	35.860	132	11	1.194	37.197
		96%	0,4%	0,03%	3%	
	foreign market	7.839	917	0	36	8.792
		89%	10%	0%	0%	
<b>Total</b>	<b>43.699</b>	<b>1.049</b>	<b>11</b>	<b>1.230</b>	<b>45.989</b>	
young cattle	domestic market	75.496	37.425	10.893	99.851	223.665
		34%	17%	5%	45%	
	foreign market	5.738	637	497	24.625	31.497
		18%	2%	1,6%	78%	
<b>Total</b>	<b>81.234</b>	<b>38.062</b>	<b>11.390</b>	<b>124.476</b>	<b>255.162</b>	
dairy cattle	domestic market	133.154	45.824	25.174	357.315	561.467
		24%	8%	4%	64%	
	foreign market	10.745	9.555	700	95.189	116.189
		9%	8%	0,6%	82%	
<b>Total</b>	<b>143.899</b>	<b>55.379</b>	<b>25.874</b>	<b>452.504</b>	<b>677.656</b>	
beef cattle	domestic market	153.757	28.201	16.785	132.400	331.143
		46%	9%	5%	40%	
	foreign market	34.981	924	388	50.269	86.562
		40%	1%	0,4%	58%	
<b>Total</b>	<b>188.738</b>	<b>29.125</b>	<b>17.173</b>	<b>182.669</b>	<b>417.705</b>	
<b>Total domestic market</b>	<b>398.267</b>	<b>111.582</b>	<b>52.863</b>	<b>590.760</b>	<b>1.153.472</b>	
	<b>35%</b>	<b>10%</b>	<b>5%</b>	<b>51%</b>		
<b>Total foreign market</b>	<b>59.303</b>	<b>12.033</b>	<b>1.585</b>	<b>170.119</b>	<b>243.040</b>	
	<b>24%</b>	<b>5%</b>	<b>0,7%</b>	<b>70%</b>		
<b>Final total</b>	<b>457.570</b>	<b>123.615</b>	<b>54.448</b>	<b>760.879</b>	<b>1.396.512</b>	
	<b>33%</b>	<b>9%</b>	<b>4%</b>	<b>54%</b>		
<b>Number of manufacturers</b>	<b>80</b>	<b>10</b>	<b>3</b>	<b>9</b>	<b>102</b>	
	<b>78%</b>	<b>10%</b>	<b>3%</b>	<b>9%</b>		

### B1.1.4 'Other feed' for each production class in 2014: domestic market + export from Belgium (tons)

	Tonnes	< 50.000	50 - 100.000	100 - 150.000	> 150.000	Total
horse	domestic market	32.185	912	179	48.626	81.902
		39%	1,1%	0,22%	59%	
	foreign market	7.417	8	205	20.754	28.384
		26%	0%	1%	73%	
<b>Total</b>	<b>39.602</b>	<b>920</b>	<b>384</b>	<b>69.380</b>	<b>110.286</b>	
rabbit	domestic market	8.214	125	758	11.604	20.701
		40%	1%	4%	56%	
	foreign market	8.208	0	50	1.964	10.222
		80,3%	0%	0%	19%	
<b>Total</b>	<b>16.422</b>	<b>125</b>	<b>808</b>	<b>13.568</b>	<b>30.923</b>	
goat	domestic market	1.051	46	1.309	7.947	10.353
		10%	0,4%	13%	77%	
	foreign market	828	0	0	43	871
		95%	0%	0%	5%	
<b>Total</b>	<b>1.879</b>	<b>46</b>	<b>1.309</b>	<b>7.990</b>	<b>11.224</b>	
sheep	domestic market	2.347	679	116	5.096	8.238
		28%	8%	1%	62%	
	foreign market	751	2	0	3.112	3.865
		19%	0,1%	0%	81%	
<b>Total</b>	<b>3.098</b>	<b>681</b>	<b>116</b>	<b>8.208</b>	<b>12.103</b>	
fish	domestic market	2.672	0	208	74	2.954
		90%	0%	7%	3%	
	foreign market	508	0	3	0	511
		99,4%	0%	0,6%	0%	
<b>Total</b>	<b>3.180</b>	<b>0</b>	<b>211</b>	<b>74</b>	<b>3.465</b>	
petfood	domestic market	11.579	0	0	823	12.402
		93%	0%	0%	7%	
	foreign market	8.127	0	0	89	8.216
		99%	0%	0%	1%	
<b>Total</b>	<b>19.706</b>	<b>0</b>	<b>0</b>	<b>912</b>	<b>20.618</b>	
others	domestic market	12.557	1.780	36	32.951	47.324
		121%	17%	0,3%	318%	
	foreign market	24.291	78	53	117.583	142.005
		2789%	9%	6%	13500%	
<b>Total</b>	<b>36.848</b>	<b>1.858</b>	<b>89</b>	<b>150.534</b>	<b>189.329</b>	
<b>Total domestic market</b>	<b>70.605</b>	<b>3.542</b>	<b>2.606</b>	<b>107.121</b>	<b>183.874</b>	
	<b>38%</b>	<b>2%</b>	<b>1%</b>	<b>58%</b>		
<b>Total foreign market</b>	<b>50.130</b>	<b>88</b>	<b>311</b>	<b>143.545</b>	<b>194.074</b>	
	<b>26%</b>	<b>0,05%</b>	<b>0,2%</b>	<b>74%</b>		
<b>Final total</b>	<b>120.735</b>	<b>3.630</b>	<b>2.917</b>	<b>250.666</b>	<b>377.948</b>	
	<b>32%</b>	<b>1%</b>	<b>1%</b>	<b>66%</b>		
<b>Number of manufacturers</b>	<b>67</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>84</b>	
	<b>80%</b>	<b>8%</b>	<b>4%</b>	<b>8%</b>		

### B1.1.5 Premixes in 2014: domestic market + export from Belgium (tons)

	Tons	< 50.000	50 - 100.000	100 - 150.000	> 150.000	Total
premixtures	domestic market	110.731				110.731
	foreign market	114.080				114.080
	<b>Final total</b>	<b>224.811</b>				<b>224.811</b>
	Number of manufacturers	22				22

## B1.2 Import of compound feed / premixes for different feed types by non-affiliates of BEMEFA in 2014

Tons	Total
Pig feed	42.325
Poultry feed	138.379
Artificial milk	24.134
Young cattle	837
Dairy cattle	5.585
Beef cattle	6.215
Other feed	36
Premixtures	1
<b>TOTAL FEED</b>	<b>217.511</b>
<b>TOTAL FEED + PREMIXTURES</b>	<b>217.512</b>

## B1.3 Export of compound feed / premixes for different feed types and production classes in 2014

Tons	< 50.000	50 - 100.000	100 - 150.000	> 150.000	Total
Pig feed	36.498	34.251	4.294	68.813	143.856
Poultry feed	18.162	60.671	9.343	112.936	201.112
Artificial milk	7.839	917	0	36	8.792
Young cattle	5.738	637	497	24.625	31.497
Dairy cattle	10.745	9.555	700	95.189	116.189
Beef cattle	34.981	924	388	50.269	86.562
Other feed	50.130	88	311	143.545	194.074
Premixtures					114.080
<b>TOTAL FEED</b>	<b>164.093</b>	<b>107.043</b>	<b>15.533</b>	<b>495.413</b>	<b>782.082</b>
<b>TOTAL FEED + PREMIXTURES</b>					<b>896.162</b>

## B1.4 BEMEFA production in 2014: Overall total

**Notice:** The table below shows the production by the Belgian affiliates (domestic use + export from Belgium) and the import into Belgium by the affiliates of BEMEFA in the Netherlands, Luxemburg and Germany. This explains why the number of manufacturers mentioned in the tables above is different.

Tons	< 50.000	50- 100.000	100-150.000	> 150.000	Total
<b>Pig feed</b>					
Domestic consumption	508.791	497.714	372.111	2.198.050	3.576.666
Export	36.498	34.251	4.294	68.813	143.856
Import BEMEFA members	24.954	0	17.371	0	42.325
<b>BEMEFA production</b>	<b>570.243</b>	<b>531.965</b>	<b>393.776</b>	<b>2.266.863</b>	<b>3.762.847</b>
<b>Poultry feed</b>					
Domestic consumption	118.172	55.884	37.359	832.400	1.043.815
Export	18.162	60.671	9.343	112.936	201.112
Import BEMEFA members	31.356	0	107.023	0	138.379
<b>BEMEFA production</b>	<b>167.690</b>	<b>116.555</b>	<b>153.725</b>	<b>945.336</b>	<b>1.383.306</b>
<b>Artificial milk</b>					
Domestic consumption	35.860	132	11	1.194	37.197
Export	7.839	917	0	36	8.792
Import BEMEFA members	24.134	0	0	0	24.134
<b>BEMEFA production</b>	<b>67.833</b>	<b>1.049</b>	<b>11</b>	<b>1.230</b>	<b>70.123</b>
<b>Young cattle feed</b>					
Domestic consumption	75.496	37.425	10.893	99.851	223.665
Export	5.738	637	497	24.625	31.497
Import BEMEFA members	837	0	0	0	837
<b>BEMEFA production</b>	<b>82.071</b>	<b>38.062</b>	<b>11.390</b>	<b>124.476</b>	<b>255.999</b>
<b>Dairy cattle feed</b>					
Domestic consumption	133.154	45.824	25.174	357.315	561.467
Export	10.745	9.555	700	95.189	116.189
Import BEMEFA members	2.925	0	2.660	0	5.585
<b>BEMEFA production</b>	<b>146.824</b>	<b>55.379</b>	<b>28.534</b>	<b>452.504</b>	<b>683.241</b>
<b>Beef cattle feed</b>					
Domestic consumption	153.757	28.201	16.785	132.400	331.143
Export	34.981	924	388	50.269	86.562
Import BEMEFA members	1.097	0	5.118	0	6.215
<b>BEMEFA production</b>	<b>189.835</b>	<b>29.125</b>	<b>22.291</b>	<b>182.669</b>	<b>423.920</b>
<b>Other feed</b>					
Domestic consumption	70.605	3.542	2.606	107.121	183.874
Export	50.130	88	311	143.545	194.074
Import BEMEFA members	0	0	36	0	36
<b>BEMEFA production</b>	<b>120.735</b>	<b>3.630</b>	<b>2.953</b>	<b>250.666</b>	<b>377.984</b>
<b>TOTAL FEED</b>					
Domestic consumption	1.095.835	668.722	464.939	3.728.331	5.957.827
Export	164.093	107.043	15.533	495.413	782.082
Import BEMEFA members	85.303	0	132.208	0	217.511
<b>BEMEFA production</b>	<b>1.345.231</b>	<b>775.765</b>	<b>612.680</b>	<b>4.223.744</b>	<b>6.957.420</b>
Number of manufacturers (except premixtures)	109	12	5	10	
% of the production	19%	11%	9%	61%	100%

Tons	< 50.000	50- 100.000	100-150.000	> 150.000	Total
<b>Premixtures</b>					
Domestic consumption					110.731
Export					114.080
Import BEMEFA members					1
<b>BEMEFA premix production</b>					<b>224.812</b>
Number of premix manufacturers					23
<b>OVERALL TOTAL</b>					<b>Total</b>
<b>BEMEFA production (feed + premixtures)</b>					<b>7.182.232</b>

## Annex 2: compound feed production by the main EU member states in 2013 (estimation, 1000 tons)

1000 tons	Denmark	Belgium	Netherlands	Italie	UK	Spain	France	Germany
pigs	2.584	3.643	4.992	3.250	1.928	8.800	5.146	9.694
poultry	610	1.235	3.135	5.900	6.616	4.400	8.680	6.230
cattle and calves	917	1.368	4.287	3.380	5.375	6.590	5.861	7.317
others	200	357	424	860	1.436	145	1.467	780
<b>TOTAL</b>	<b>4.311</b>	<b>6.603</b>	<b>12.838</b>	<b>13.390</b>	<b>15.355</b>	<b>19.935</b>	<b>21.154</b>	<b>24.021</b>

Source: Fefac

## Annex 3: raw materials used in the Belgian animal feed industry

### B3.1 Evolution of the total volume of raw materials (tons) used in the Belgian animal feed industry (2007-2013)

	2007	2008	2009	2010	2011	2012	2013
Cereals	2.390.603	3.908.635	3.767.357	3.651.721	3.513.451	3.302.223	3.173.112
Cereal by-products and oil seeds	1.996.598	2.321.826	1.631.558	1.674.438	1.750.053	1.677.657	1.728.176
By-products of the milling industrie (wet / dry grinding)	1.056.943	1.032.822	903.328	1.026.408	962.152	927.665	978.839
By-products of the manufacture of sugar	512.426	530.355	377.908	439.071	424.313	430.242	417.589
Macrominerals	273.704	316.197	243.779	261.091	276.280	275.271	319.997
Oil seeds	193.652	208.250	224.790	241.532	230.688	241.979	228.396
Oils and fats	152.576	158.007	138.573	134.426	139.207	124.086	132.045
Others	842.319	740.795	523.855	520.044	537.609	521.425	528.790
<b>TOTAL</b>	<b>7.418.822</b>	<b>9.216.886</b>	<b>7.811.149</b>	<b>7.948.732</b>	<b>7.833.752</b>	<b>7.500.549</b>	<b>7.506.946</b>

**Notice:** The group 'others' contains e.g. following raw materials: bakery products, by products of biofuel production, brewery products, animal by-products, fruits & vegetables, dried fodder, yeast, high fibre products, tubers and roots, seed and pulse.

### B3.2 Evolution of the total volume of cereals (tons) used in the Belgian animal feed industry (2007-2013)

	2007	2008	2009	2010	2011	2012	2013
wheat	1.213.778	1.658.867	1.884.260	1.899.199	1.639.258	1.546.429	1.367.446
maize (humid maize grain + dry maize)	441.141	960.350	809.008	693.641	897.949	962.285	901.197
barley	507.891	879.450	882.222	914.922	819.898	660.905	717.319
oat	28.502	34.526	41.061	51.974	64.091	46.080	52.790
rye + tritcale	6.798	93.637	82.920	40.896	18.102	23.297	79.418
spelt	10.477	10.305	22.444	18.475	18.014	18.511	16.724
cereals, others	182.015	271.498	45.434	32.614	56.138	44.717	38.217
<b>TOTAL</b>	<b>2.390.603</b>	<b>3.908.635</b>	<b>3.767.350</b>	<b>3.651.721</b>	<b>3.513.451</b>	<b>3.302.223</b>	<b>3.173.112</b>

**Notice:** the group 'cereals, others' contains e.g. rice, millet, sorghum, milo, dari and buckwheat.

### B3.3 Evolution of the total volume of by-products (tons) used in the Belgian animal feed industry (2007-2013)

	2007	2008	2009	2010	2011	2012	2013
By-products of oil seeds	1.996.598	2.321.826	1.631.558	1.674.438	1.750.053	1.677.657	1.728.176
Cereal products (dry /wet grinding)	1.056.943	1.032.822	903.328	1.026.408	962.152	927.665	978.839
By-products of the manufacture of sugar	512.426	530.355	377.908	439.071	424.313	430.242	417.589
Bakery products & pasta products	60.372	83.473	63.520	63.169	78.273	88.694	92.345
By-products of biofuel	27.092	42.744	88.105	92.432	106.259	89.118	83.655
High fibre products	108.220	101.654	70.609	66.887	72.883	66.809	77.190
Oils and fats	89.274	85.273	89.666	84.504	87.592	75.076	75.742
Animal by-products	58.778	62.716	63.713	69.588	68.600	65.286	58.099
Brewery products	37.282	47.204	41.693	50.439	47.410	47.180	50.066
Others	62.164	57.394	28.020	26.435	20.877	20.354	17.516
<b>TOTAL</b>	<b>4.009.150</b>	<b>4.365.461</b>	<b>3.358.120</b>	<b>3.593.372</b>	<b>3.618.412</b>	<b>3.488.082</b>	<b>3.579.217</b>

**Notice:** Only raw materials that are cataloged as by-products have been taken into consideration. The group 'others' contains e.g. following materials: fruits and vegetables, tubers and roots, macrominerals.