



Alltech[®]
**2015 Global
Feed Survey**



EXECUTIVE SUMMARY

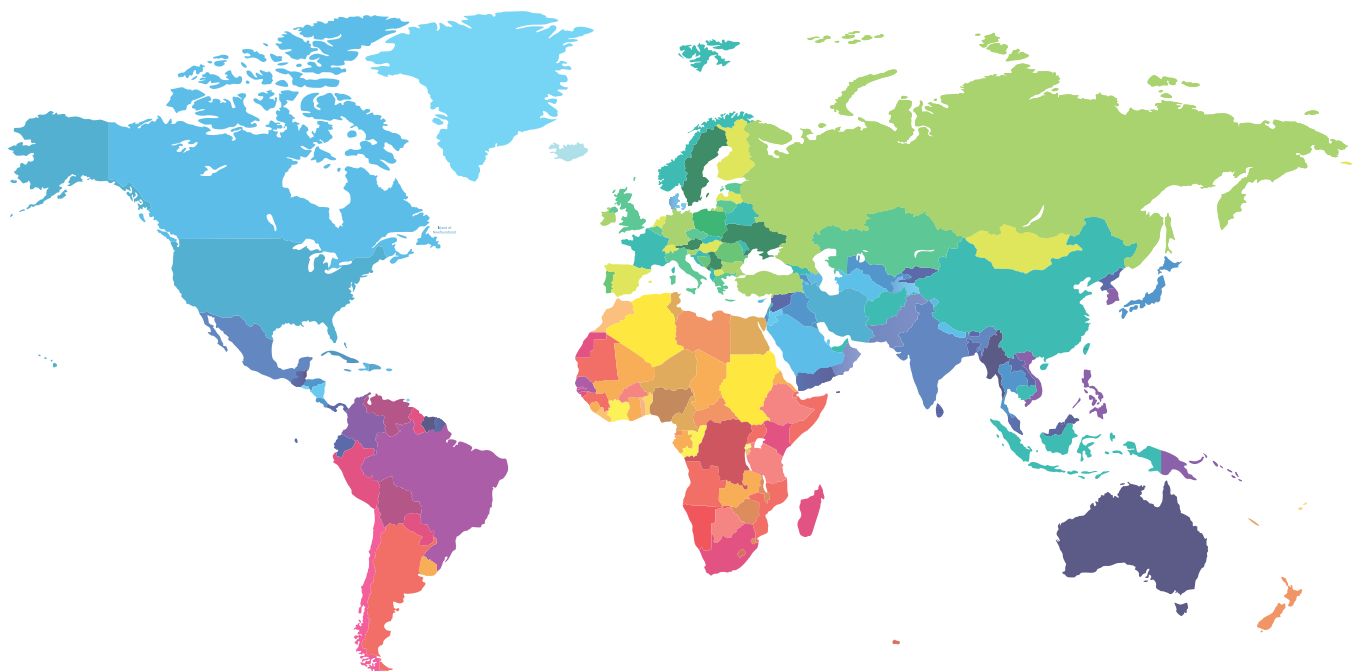
2015 marks the fourth consecutive year that Alltech has conducted this global feed survey. This undertaking has required a significant amount of work each year, mainly because the feed industry is measured differently and in varying degrees of thoroughness from country to country. Yet, each year, better information is discovered and more is learned about how farmers around the world feed their livestock.

Alltech isn't the only entity interested in feed production trends. Increasingly, more farmers, supply companies, the Food and Agriculture Organization of the United Nations, Non-Governmental Organizations, food businesses and indeed consumers are interested in what goes into the food humans consume. What foods are truly nutritious? How do farmers raise livestock that are healthy? How can agriculture increase efficiency and therefore, feed more people? Answers to these questions and many others can be found by starting with an examination of the feed animals are eating worldwide.

This report outlines Alltech's estimate of the world's feed tonnage and trends to date and is intended to serve as an industry resource for the coming year.

Alltech assessed the compound feed production of 130 countries. Where possible, information was gathered in partnership with local feed associations and, when that wasn't possible, it was done utilizing information collected by the more than 600 members of Alltech's global salesforce, who had direct contact with more than 31,000 feed mills. When reviewing the data, there are two considerations to bear in mind. First, numbers for less developed countries may be less accurate, but given their size, this had little numerical influence on the overall dataset. Second, the definition of feed, feed mill and species varied from country to country.

The findings based on the data from 2014 reveal an increase of 2 percent in the feed industry. Global feed tonnage was measured at 980 million metric tons, while last year it was roughly 960 million metric tons. Feed industry trends throughout 2014 were impacted by myriad events, including widespread droughts, high costs of raw feed materials, fluctuating governance over import/export standards, and animal diseases such as avian influenza and the PED virus in pigs, which proved to be disastrous for many farmers.



SURVEY RESULTS



COUNTRY TOTALS (IN MILLION TONS)

1	China	182.69	34	Venezuela	5.04	67	Bulgaria	0.99	100	Kuwait	0.27
2	USA	172.45	35	Saudi Arabia	4.96	68	Costa Rica	0.96	101	Cote D'ivoire	0.27
3	Brazil	66.15	36	Ukraine	4.71	69	Honduras	0.92	102	Senegal	0.25
4	Mexico	30.70	37	Peru	4.55	70	Panama	0.82	103	Armenia	0.24
5	India	29.43	38	Malaysia	4.40	71	UAE	0.82	104	Ghana	0.24
6	Spain	29.18	39	Hungary	4.05	72	Cuba	0.80	105	Georgia	0.22
7	Russia	25.66	40	Romania	4.00	73	Kenya	0.80	106	Estonia	0.21
8	Japan	24.31	41	Algeria	4.00	74	Sri Lanka	0.77	107	Kyrgyzstan	0.20
9	Germany	23.58	42	Denmark	3.80	75	Iraq	0.75	108	Turkish Cyp	0.20
10	France	22.16	43	Israel	3.50	76	Nepal	0.75	109	Macedonia	0.18
11	Canada	20.35	44	Norway	3.36	77	Slovakia	0.70	110	Mauritius	0.18
12	Indonesia	19.98	45	Greece and Cyprus	3.20	78	Sudan	0.70	111	Botswana	0.13
13	Korea	18.58	46	Portugal	3.15	79	El Salvador	0.64	112	Bahrain	0.13
14	Thailand	16.91	47	Morocco	3.10	80	Croatia	0.62	113	Namibia	0.13
15	Turkey	15.42	48	Bangladesh	3.05	81	Oman	0.62	114	Albania	0.11
16	Netherlands	14.33	49	Czech Rep	2.48	82	Yemen	0.60	115	Turkmenistan	0.10
17	Vietnam	14.10	50	Ecuador	2.40	83	Lebanon	0.60	116	Trinidad & Tobago	0.10
18	Italy	14.04	51	Nigeria	2.28	84	Cameroon	0.60	117	Haiti	0.09
19	UK	13.49	52	Serbia	2.21	85	Bosnia	0.55	118	Iceland	0.09
20	Philippines	12.38	53	Sweden	2.13	86	Uzbekistan	0.50	119	Luxembourg	0.09
21	Argentina	11.80	54	Tunisia	2.10	87	Paraguay	0.48	120	Kosovo	0.08
22	Iran	11.80	55	Bolivia	1.86	88	Lithuania	0.46	121	Malta	0.08
23	South Africa	11.38	56	Switzerland	1.48	89	Uganda	0.45	122	Singapore	0.06
24	Poland	9.30	57	Austria	1.46	90	Nicaragua	0.44	123	Caribbean	0.04
25	Australia	8.34	58	Uruguay	1.42	91	Zimbabwe	0.43	124	Barbados	0.04
26	Belgium	6.71	59	Finland	1.39	92	Latvia	0.40	125	Mozambique	0.04
27	Taiwan	6.50	60	Kazakhstan	1.28	93	Slovenia	0.38	126	Guyana	0.03
28	Colombia	6.30	61	Guatemala	1.27	94	Libya	0.34	127	Mongolia	0.03
29	Ireland	6.22	62	Dominican Republic	1.24	95	Tanzania	0.34	128	Seychelles	0.02
30	Pakistan	6.20	63	Jordan	1.17	96	Jamaica	0.32	129	Suriname	0.01
31	Chile	6.19	64	New Zealand	1.06	97	Puerto Rico	0.29	130	Bahamas	0.01
32	Belarus	6.10	65	Myanmar	1.00	98	Zambia	0.29			
33	Egypt	6.00	66	Moldova	1.00	99	Azerbaijan	0.28			

FEED INDUSTRY BUSINESS VALUE **\$460 BILLION**

REGIONAL HIGHLIGHTS

Although China was once again the leading producer of feed with 183 million tons manufactured in the official estimate of more than 9,500 feed mills, this is the second year of decline in its production. The country experienced a notable 4 percent decline from last year's numbers. Some analysts contribute this downturn to a slow hog market and bird flu that suppressed consumer demand. India, on the other hand, had a considerable increase in feed production, up to 29.4 million tons (a 10 percent increase over 2013), owing mainly to favorable weather conditions and consistently-improving farming methods and

technology. The United States and Brazil ranked second and third respectively, with 172 million tons from 6,718 feed mills and 66 million tons from 1,698 feed mills.

When grouped into regions, Africa and Latin America saw the greatest growth in 2014. Asia Pacific, Europe, North America and the Middle East all showed a slight incline. Several individual countries can be highlighted as bright spots of growth and development. Among them were Turkey, Indonesia, Romania, Tunisia and Bolivia, all of which experienced their second consecutive year of significant increase in feed production.

Number of Feed Mills Globally (estimate)	Total Global Tonnage
31,043	980 mil tons

AVERAGE TONNAGE PER REGION

Region	Total No Feedmills	Total Tonnage
Africa	1,150	34,570,000
Asia	13,736	350,540,000
Europe	5,165	232,580,000
Latin America	3,914	144,840,000
Middle East	288	24,750,000
North America	6,790	192,800,000
Total	31,043	980,070,000

SURVEY RESULTS



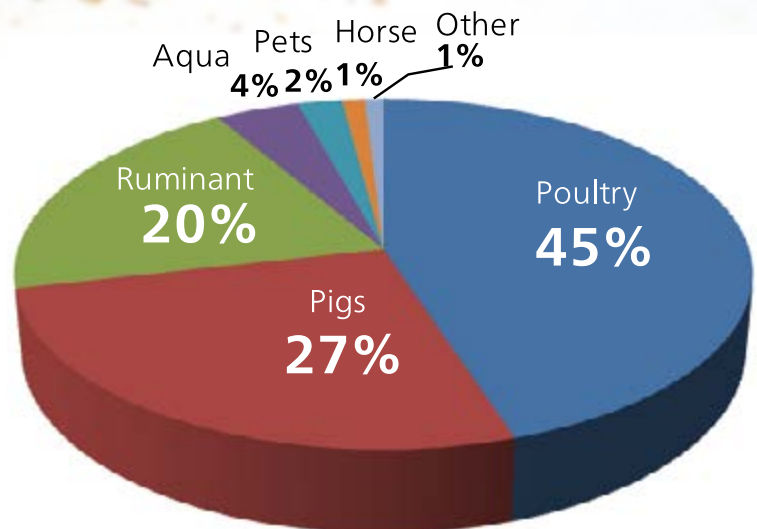
TOTAL FEED BY SPECIES (METRIC TONS)

Poultry	439 M	Pig	256 M	Ruminant	196 M
Pet	22 M	Aqua	41 M	Equine	11 M

TOP 10 IN-DEPTH RESULTS

Country	Total Mil Tons	Pig	Dairy	Beef	Calf	Layer	Broiler	Turkey	Aqua	Pets	Horse
China	183	85	6	2	0.2	24	41	0	18	0.4	0
USA	173	24	19	21	0	20	55	7	11	9	6
Brazil	66	14	5	3	0	6	31	1	1	2	1
Mexico	31	5	5	3	0.2	4	11	0.3	0.2	1	0.5
Spain	29	1	3	4	0.2	2	3	0.4	0.2	0.5	0.2
India	29	0	8	0.1	0.1	9	11	0	1	0	0
Russia	26	9	2	0.3	0	4	10	0.6	0	0.5	0
Japan	24	6	3	5	0	6	4	0	0	0.3	0
Germany	24	10	7	0	0.3	2	4	0	0	0	0.3
France	22	5.3	3	2	0.4	2	3	1	0	1.1	0.3

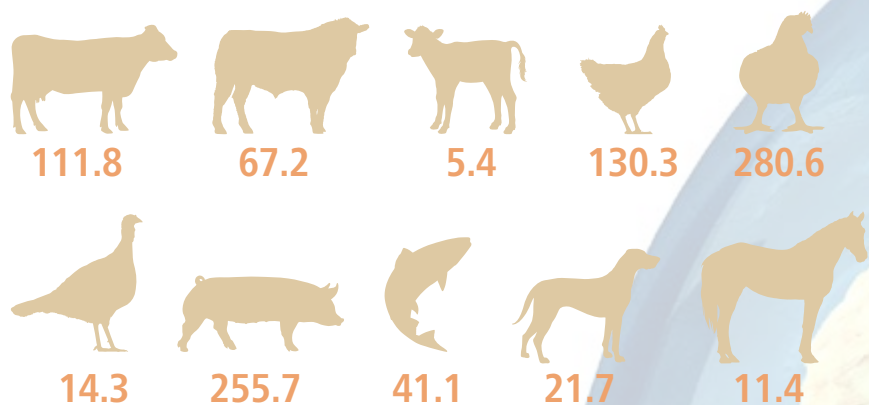
Feed Production by Species



Looking at global livestock species, poultry held its position as industry leader with a 45 percent share of the feed market at 439 million tons. Pet and pigs saw the largest percentage of growth, with 5 percent increase in pet food and 5.3 percent increase in pig feed. Aqua saw a slight 1.8 percent increase and poultry and horse both saw a decline.

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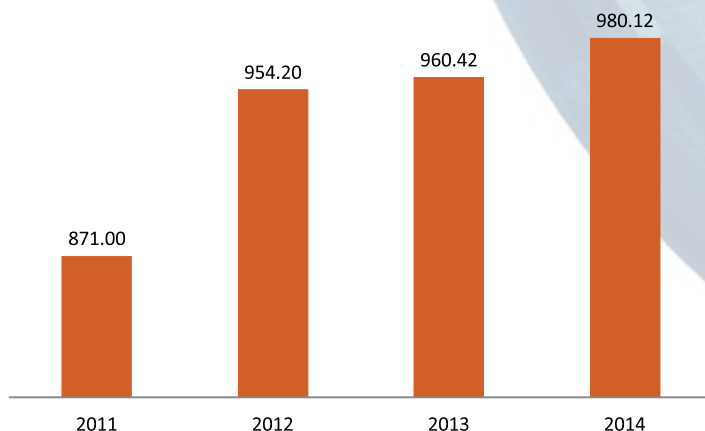
SPECIES BREAKDOWN (MILLION METRIC TONS)



SPECIES TOTALS BY REGION

Region	Pig	Ruminant	Poultry	Aqua	Pets	Horse	Other
Africa	1.1	11.0	21.1	0.8	0.3	0.3	0.2
Asia	128.5	40	151.3	27.0	1.7	0.5	0.5
Europe	70	65	85	3.2	5.7	1.5	5
North America	32.3	46.1	87	1.8	9	6.5	0.3
Middle East	0.1	7.1	17.6	0.7	0	0.2	0
Latin America	26	27	77	8	5	2	3

GLOBAL TONNAGE PER YEAR



SURVEY RESULTS



ABOUT ALLTECH

Founded in 1980 by Dr. Pearse Lyons, Alltech improves the health and performance of people, animals and plants through natural nutrition and scientific innovation. With more than 3,500 employees in 128 countries, the company has developed a strong regional presence in Europe, North America, Latin America, the Middle East, Africa and Asia.

For further information, visit Alltech.com.
For media assets, visit Alltech.com/news.

The findings from this survey will form the basis of discussions at "Rebelation" Week May 16-20, 2015 in Lexington, Kentucky, USA

CONTACT US

For more information on Alltech, or if you have comments on the 2015 Alltech Global Feed Survey, please contact us via e-mail at info@alltech.com with the subject line "2015 Alltech Global Feed Survey" or via mail at the address below.

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