

ANNEX 3 - Agriculture

1.1 Dairy cows 1986–2022

	Population	Average gross energy intake	Weight	Milk yield	Pregnant	Digestibility of feed	Gross energy	VS daily excretion (average)	Nitrogen excretion rate
Unit	1000s	MJ/head/day	kg	kg/day	%	%	MJ/day	kg dm/head/day	kg/head/year
1986	237.459	216.1	511.4	7.7	70.9	62.0	216.1	4.5	77.4
1987	231.776	214.9	510.1	7.6	70.6	62.0	214.9	4.5	76.9
1988	230.180	215.1	510.3	7.6	70.6	62.0	215.1	4.5	77.0
1989	226.563	215.6	511.1	7.7	70.5	62.0	215.6	4.5	77.2
1990	225.346	215.2	510.3	7.6	70.7	62.0	215.2	4.5	77.0
1991	205.657	226.4	524.6	8.9	71.0	62.9	226.4	4.7	81.2
1992	212.969	217.6	512.1	7.8	70.7	62.1	217.6	4.6	77.5
1993	203.678	217.4	510.6	7.7	71.0	62.0	217.4	4.6	77.2
1994	197.423	222.8	517.7	8.3	70.6	62.4	222.8	4.6	79.1
1995	197.128	226.9	522.6	8.7	70.6	62.7	226.9	4.7	80.5
1996	154.735	242.2	542.7	10.5	70.7	63.9	242.2	4.8	86.4
1997	147.608	245.7	547.8	10.9	70.4	64.2	245.7	4.9	87.7
1998	146.595	248.7	551.9	11.2	70.1	64.5	248.7	4.9	88.7
1999	149.077	252.8	556.7	11.7	70.2	64.7	252.8	5.0	90.1
2000	140.236	261.6	568.0	12.7	70.3	65.4	261.6	5.0	93.5
2001	135.805	265.9	573.6	13.2	70.3	65.6	265.9	5.1	95.1
2002	139.980	274.5	585.8	14.2	70.3	66.3	274.5	5.2	98.6
2003	130.711	271.6	582.6	13.9	69.8	66.1	271.6	5.1	97.4
2004	134.009	267.3	576.9	13.3	69.4	65.8	267.3	5.1	97.5
2005	120.273	280.6	597.2	15.0	69.2	66.8	280.6	5.2	100.3
2006	112.510	284.1	605.2	15.6	68.9	67.2	284.1	5.2	104.0

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	Population	Average gross energy intake	Weight	Milk yield	Pregnant	Digestibility of feed	Gross energy	VS daily excretion (average)	Nitrogen excretion rate
Unit	1000s	MJ/head/day	kg	kg/day	%	%	MJ/day	kg dm/head/day	kg/head/year
2007	116.391	285.0	606.2	15.7	68.7	67.3	285.0	5.2	101.9
2008	113.400	286.2	607.4	15.8	68.7	67.3	286.2	5.2	102.7
2009	113.103	280.9	600.9	15.2	68.4	67.0	280.9	5.2	98.5
2010	109.467	280.9	600.9	15.1	68.2	67.0	280.9	5.2	98.1
2011	109.068	281.0	601.3	15.1	68.0	67.0	281.0	5.2	97.9
2012	111.022	283.1	603.7	15.3	68.0	67.2	283.1	5.2	99.6
2013	109.571	280.1	599.5	14.9	67.7	67.0	280.1	5.2	98.2
2014	107.841	285.7	608.1	15.7	67.9	67.4	285.7	5.2	99.3
2015	112.838	282.3	604.3	15.3	67.9	67.2	282.1	5.2	97.8
2016	107.841	291.3	618.9	16.5	67.5	67.8	291.3	5.2	102.2
2017	108.828	290.3	615.3	16.3	68.2	67.7	290.3	5.2	101.4
2018	102.771	294.0	621.1	16.8	67.9	67.9	294.0	5.2	104.3
2019	100.839	294.9	623.8	16.9	67.5	68.1	294.9	5.2	105.1
2020	99.213	298.6	629.1	17.4	67.7	68.3	298.6	5.2	108.2
2021	100.919	298.9	628.1	17.4	67.9	68,3	298.9	5.2	108.4
2022	93.249	307.1	638.3	18.4	68.3	68,7	307.1	5.2	110.5

1.2 Non-dairy cattle 1986–2021

	Population	Average gross energy intake	Weight	Pregnant	Digestibility of feed	Gross energy	VS daily excretion (average)
Unit	1000s	MJ/head/day	kg	%	%	MJ/day	kg dm/head/day
1986	318.741	117.1	300.2	17.7	64.8	117.1	2.3
1987	316.835	117.1	299.9	17.7	64.9	117.1	2.3
1988	315.820	117.2	300.0	17.7	65.0	117.2	2.3
1989	319.485	117.3	300.2	17.7	65.0	117.3	2.3
1990	307.556	117.3	300.0	17.7	65.1	117.3	2.3
1991	273.208	118.3	303.2	17.7	65.3	118.3	2.3
1992	284.801	117.7	300.4	17.7	65.2	117.7	2.3
1993	265.870	117.8	300.0	17.7	65.3	117.8	2.3
1994	269.977	118.3	301.6	17.7	65.4	118.3	2.3
1995	283.217	118.8	302.7	17.7	65.5	118.8	2.3
1996	299.476	120.1	307.3	17.7	65.7	120.1	2.3
1997	263.112	120.6	308.5	17.8	65.8	120.6	2.3
1998	271.923	120.9	309.4	17.6	65.9	120.9	2.3
1999	285.841	121.3	310.5	17.6	66.0	121.3	2.3
2000	299.538	122.2	313.0	17.7	66.2	122.2	2.3
2001	288.494	122.8	314.6	18.2	66.3	122.8	2.3
2002	278.251	123.7	316.3	19.6	66.3	123.7	2.3
2003	264.350	123.6	315.5	19.9	66.4	123.6	2.3
2004	269.063	123.4	314.8	19.2	66.4	123.4	2.3
2005	275.289	124.9	321.1	18.2	66.8	124.9	2.3
2006	281.012	125.3	322.4	18.6	66.8	125.3	2.3

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	Population	Average gross energy intake	Weight	Pregnant	Digestibility of feed	Gross energy	VS daily excretion (average)
Unit	1000s	MJ/head/day	kg	%	%	MJ/day	kg dm/head/day
2007	301.945	125.5	323.2	18.1	67.0	125.5	2.3
2008	294.021	125.3	323.1	18.2	66.8	125.3	2.3
2009	298.802	124.5	321.2	18.6	66.6	124.5	2.3
2010	296.797	124.2	320.8	18.5	66.6	124.2	2.3
2011	291.561	125.1	322.5	18.6	66.7	125.1	2.3
2012	292.538	125.2	323.8	17.3	66.6	125.2	2.3
2013	294.791	124.8	322.0	17.5	66.6	124.8	2.3
2014	299.937	125.1	322.4	18.2	66.6	125.1	2.3
2015	314.317	124.9	321.2	17.6	66.6	124.9	2.3
2016	317.259	125.6	324.1	17.1	66.7	125.6	2.3
2017	310.887	125.4	323.0	17.2	66.7	125.4	2.3
2018	310.567	125.8	324.6	16.2	66.9	125.8	2.3
2019	317.133	126.0	325.7	15.5	66.9	126.0	2.3
2020	318.659	126.3	326.1	16.9	66.9	126.3	2.3
2021	317.173	126.2	325.7	17.4	66.9	126.2	2.3
2022	307.405	126.7	327.5	16.6	67.0	126.7	2.3

1.3 Other cows 1986–2021

	Population	Average gross energy intake	Weight	Pregnant	Digestibility of feed	Gross energy	VS daily excretion (average)
Unit	1000s	MJ/head/day	kg	%	%	MJ/day	kg dm/head/day
1991	5.000	203.5	516.9	71.0	62.4	203.5	4.2
1992	6.000	203.4	517.1	70.7	62.4	203.4	4.2
1993	8.000	203.5	516.8	71.0	62.4	203.5	4.2
1994	10.000	203.4	517.3	70.6	62.4	203.4	4.2
1995	15.190	203.4	517.3	70.6	62.4	203.4	4.2
1996	31.986	203.4	517.2	70.7	62.4	203.4	4.2
1997	35.004	203.3	517.6	70.4	62.4	203.3	4.2
1998	34.679	203.2	518.0	70.1	62.5	203.2	4.2
1999	36.506	203.2	517.9	70.2	62.4	203.2	4.2
2000	53.896	203.3	517.7	70.3	62.4	203.3	4.2
2001	52.777	203.3	517.7	70.3	62.4	203.3	4.2
2002	55.011	203.3	517.8	70.3	62.4	203.3	4.2
2003	55.165	203.1	518.4	69.8	62.5	203.1	4.2
2004	48.065	203.0	518.9	69.4	62.5	203.0	4.2
2005	56.955	202.9	519.2	69.2	62.5	202.9	4.2
2006	60.511	202.8	519.7	68.9	62.6	202.8	4.2
2007	61.245	202.8	519.9	68.7	62.6	202.8	4.2
2008	62.562	202.8	519.9	68.7	62.6	202.8	4.2
2009	60.973	202.7	520.4	68.4	62.6	202.7	4.2
2010	63.887	202.6	520.6	68.2	62.6	202.6	4.2

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	Population	Average gross energy intake	Weight	Pregnant	Digestibility of feed	Gross energy	VS daily excretion (average)
Unit	1000s	MJ/head/day	kg	%	%	MJ/day	kg dm/head/day
2011	61.671	202.6	520.8	68.0	62.6	202.6	4.2
2012	56.503	202.6	520.8	68.0	62.6	202.6	4.2
2013	56.214	202.5	521.3	67.7	62.7	202.5	4.2
2014	60.475	202.1	522.9	66.6	62.8	202.1	4.2
2015	57.037	202.1	522.9	66.6	62.8	202.1	4.2
2016	63.498	202.1	523.1	66.4	62.8	202.1	4.2
2017	59.902	202.3	522.0	67.2	62.7	202.6	4.2
2018	63.535	202.1	522.9	66.6	62.7	202.1	4.2
2019	65.096	202.1	522.9	66.6	62.7	202.1	4.2
2020	67.736	202.0	523.6	66.1	62.8	202.0	4.2
2021	64.527	202.2	522.7	66.7	62.7	202.2	4.2
2022	64.254	202.2	522.4	66.9	62.7	202.2	4.2

2. Swine - population data in heads for the period 1986-2022

EU Code	PP1000	PP2000	PP3000	PP4100	PP4200	PP4221	PP0000
Description	Pigs < 20 kg live weight	Pigs 20 - 50 kg live weight	Fattening Pigs > 50 kg live weight	Breeding Pigs			Total of the pig population
				Boars	Sows - total	<i>Sows of which gilts not yet covered</i>	
1986	127,105	137,120	272,394	1,351	58,468	0	596,438
1987	137,429	133,891	265,980	1,383	68,592	9,333	607,275
1988	124,598	128,504	255,277	1,345	66,539	9,054	576,263
1989	128,762	120,864	240,102	1,164	66,986	9,115	557,878
1990	134,078	129,036	256,335	1,570	66,796	9,089	587,815
1991	136,469	110,973	220,452	1,170	59,978	8,088	529,042
1992	165,892	123,851	246,035	1,534	64,537	9,026	601,849
1993	161,246	122,135	242,626	1,476	64,031	8,901	591,514
1994	161,551	115,001	228,455	1,532	64,235	8,381	570,774
1995	178,385	116,350	231,134	1,453	64,712	8,480	592,034
1996	158,955	107,860	227,336	1,698	56,424	8,525	552,273
1997	170,338	115,584	227,801	2,024	62,446	9,617	578,193
1998	174,820	118,625	236,616	1,841	60,474	8,262	592,376
1999	161,835	109,814	226,788	1,744	58,277	7,094	558,458
2000	178,324	122,251	235,518	1,944	65,559	8,574	603,596
2001	181,197	122,953	229,577	1,813	64,355	8,709	599,895
2002	179,046	143,132	267,759	1,560	64,166	6,599	655,663
2003	182,151	124,069	249,972	2,220	62,094	6,295	620,506
2004	158,023	106,897	214,846	1,769	52,463	5,131	533,998
2005	159,377	114,694	218,880	1,585	52,896	5,623	547,432
2006	161,598	118,546	241,327	1,404	52,241	4,265	575,116

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EU Code	PP1000	PP2000	PP3000	PP4100	PP4200	PP4221	PP0000
Description	Pigs < 20 kg live weight	Pigs 20 - 50 kg live weight	Fattening Pigs > 50 kg live weight	Breeding Pigs			Total of the pig population
				Boars	Sows - total	<i>Sows of which gilts not yet covered</i>	
2007	153,985	107,376	232,753	1,476	47,000	4,930	542,590
2008	121,686	81,322	185,879	1,261	41,863	5,537	432,011
2009	108,620	81,377	185,823	1,373	38,037	4,436	415,230
2010	99,043	82,250	179,305	1,385	33,610	3,982	395,593
2011	81,593	69,713	166,160	1,131	28,713	3,204	347,310
2012	65,975	58,927	146,806	954	23,435	3,175	296,097
2013	67,488	63,254	133,828	863	22,917	2,769	288,350
2014	63,590	55,835	140,224	868	20,800	2,243	281,317
2015	59,498	52,006	138,727	855	20,299	2,153	271,385
2016	57,534	50,757	137,328	891	19,234	2,079	265,744
2017	58,657	46,854	130,419	842	20,469	2,229	257,241
2018	58,006	52,984	128,788	694	18,653	2,164	259,125
2019	51,334	49,417	122,089	748	16,550	1,955	240,138
2020	50,446	43,956	118,733	699	15,649	1,924	229,483
2021	41,854	40,211	118,956	515	14,177	1,666	215,713
2022	46,943	31,155	110,203	488	13,359	1,317	202,148