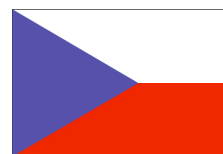




Co-funded by the Intelligent Energy Europe Programme of the European Union



Maps showing national waste streams of different FaB industry branches

CZECH REPUBLIC

Table 1: Production of selected types of wastes according to WMIS and CSO in 2011.

Production of wastes from selected groups of wastes	BW Percentage	Amount (t)		Amount (t)	
		Total	BW	Total	BW
02000000 Waste materials from primary agricultural and gardening production, woodland management, fish farming and food production and processing	92.2	6,392,639	5,894,348	10,665,159	9,833,277
03000000 Waste materials from timber processing	81.3	820,616	667,404	775,045	630,112
04000000 Waste materials from leather and textile industries	38.5	53,433	20,593	57,849	22,272
15000000 Waste materials from packaging, sorbents, cleaning textiles, filter materials and protection textiles not specified anywhere else	27.7	212,131	58,693	133,384	36,947
17000000 Construction and demolition waste materials	0.3	8,482,248	26,079	11,339,746	34,019
19000000 Waste materials from waste treatment facilities, from waste neutralization facilities, from waste water treatment plants and from water treatment facilities.	26.4	1,468,372	387,149	2,147,647	566,979
20000000 Municipal waste materials and similar wastes from businesses, offices, industrial facilities, including separately collected components of	46.9	3,975,952	1,866,458	1,676,059	786,072

these waste materials					
Total quantity of waste materials in the report		21,405,391	8,920,724	26,794,889	11,909,678

Table 2: Numbers of livestock and estimated amounts of excrements in the Czech Republic

	2012	
	animals (pcs)	excrements (t)
Total cattle	1,353,685	20,131,730
Thereof cows	551,225	11,850,714
Total pigs	1,578,827	6,046,801
Thereof sows	100,157	1,141,516
Total poultry	20,691,308	1,075,143
Thereof hens	5,354,575	510,379
TOTAL		27,253,674

Table 3: Production of waste materials from primary agricultural and gardening production

Production of selected types of waste materials from primary agricultural and gardening production in 2001	BW Percentage	Amount (tones)		BW (t)	
		According to WMIS	According to CSO	According to WMIS	According to CSO
02010100 Washing and cleaning sludge	50	20,321	45,869	10,161	22,935
02010200 Animal tissue	100	36,674	60,012	36,674	60,012

02010300 Plant tissue	100	254,620	409,640	254,620	409,640
02010600 Animal droppings, urine and dung (including straw fouling), fluid waste collected separately and processed beyond the place of its origin	100	4,702,740	8,806,511	4,702,740	8,806,511
Total		5,014,355	9,322,032	5,004,195	9,299,098

Table 4: Food processing industry waste material production

Production of selected types of waste materials from the food processing industry in 2001	BW Percentage	Amount (tones)		BW (t)	
		According to WMIS	According to CSO	According to WMIS	According to CSO
02020000 Waste materials from the production and processing of meat, fish and other foodstuffs of animal origin					
02020100 Washing and cleaning sludge	50	15,881	66,226	7,941	33,113
02020200 Animal tissue	100	89,591	90,262	89,591	90,262
02020300 Raw material unsuited for consumption or other use	80	38,066	31,257	30,453	25,006
02020400 Sludge's from fluid waste processing at the place of its origin	100	13,664	6,618	13,664	6,618
Total selection from 02020000		157,202	194,363	141,649	154,999
02030000 Waste materials from the production and processing of fruits, vegetables, cereals, edible oils, cocoa, coffee and tobacco, tobacco industry wastes					
02030100 Sludge's from washing, cleaning, peeling, centrifuging and separation	60	144,448	140,308	86,669	84,185
02030400 Raw material unsuited for consumption or other use	50	28,401	27,510	14,201	13,755
02030500 Sludge's from fluid waste processing at the place of	80	1,675	1,585	1,340	1268

its origin					
Total selection from 02030000		174,524	169,403	102,210	99,208
02040000 Waste materials from sugar industry					
02040100 Soil from beets cleaning and washing	20	11,830	50,944	2,366	10,189
02040300 Sludge's from fluid waste processing at the place of its origin	80	364,651	-	291,721	-
Total selection from 02040000		376,481	50,944	294,087	10,189
02050000 Waste materials from dairy industry					
02050100 Raw material unsuited for consumption or other use	80	56,826	84,196	45,461	67,357
02050200 Sludge's from fluid waste processing at the place of its origin	80	20,260	669	16,208	535
Total selection from 02050000		77,086	84,865	61,669	67,892
02060000 Waste materials from bakeries and candy production					
02060100 Raw material unsuited for consumption or other use	100	4,695	6,132	4,695	6,132
02060300 Sludge's from fluid waste processing at the place of its origin	80	2,088	1,530	1,670	1224
Total selection from 02060000		6,783	7,662	6,365	7,356
02070000 Waste materials from the production of alcoholic and non-alcoholic beverages (except for coffee, tea and cocoa)					
02070100 Waste materials from washing, cleaning and mechanical processing of the ingredients	80	202,695	240,903	162,156	192,722
02070200 Distillation residue from spirituous liquor production	100	50,843	47,363	50,843	47,363

02070400 Raw material unsuited for consumption or other use	50	13,866	1,511	6,933	756
02070500 Sludge's from fluid waste processing at the place of its origin	80	29,907	89,368	23,926	71,494
Total selection from 02070000		297,312	379,145	243,858	312,335
Total		1,119,338	886,382	849,838	651,979

Table 5: Production of selected types of waste materials from waste treatment and neutralization facilities, from WWTP and other water treatment facilities

Production of selected types of waste materials from waste treatment, waste neutralization facilities, WWTP and other water treatment facilities in 2001	BW Percentage	Amount (tones)		BW (t)	
		According to WMIS	According to CSO	According to WMIS	According to CSO
19050000 Waste materials from waste composting					
19050300 Unsuitable quality compost	90	600	-	540	-
19080000 Waste materials from waste water treatment plants not listed elsewhere					
19080300 Mixes of fats and oils from separators	90	4,832	3,243	4,349	2,919
19080400 Sludge's from industrial waste water treatment	80	100,097	104,012	80,078	83,210
Total selection from 19080000		104,929	107,255	84,427	86,129
19090000 Waste materials from drinking water treatment and industrial water treatment					
19090100 Solid waste from trash screens and filters	60	1,054	1,480	632	888
19090200 Sludge's from water clarification	40	174,260	135,208	69,704	54,083
Total selection from 19090000		175,314	136,688	70,336	54,971
Total		280,842	243,943	155,303	141,100

Table 6: Production of selected types of municipal waste materials and similar waste materials from businesses, offices and industry

Production of selected types of municipal waste materials and similar waste materials from businesses, offices and industry including separately collected components of these waste materials in 2001	BW Percentage	Amount (tones)		BW (t)	
		According to WMIS	According to CSO	According to WMIS	According to CSO
20010000 Waste materials acquired through separated collection					
20010800 Organic compostable kitchen waste (including frying oils and kitchen waste from dining facilities and restaurants)	100	57,614	10,978	57,614	10,978
20010900 Oil and/or fat	20	3,114	2,743	623	549
Total selection from 20010000		60,728	13,721	58,237	11,527
20020000 Waste materials from greenery maintenance in gardens and parks (including graveyards)					
20020100 Compostable waste	100	96,572	33,488	96,572	33,488
20020300 Other non-compostable waste	20	93,863	47,714	18,773	9,543
Total selection from 20020000		190,435	81,202	115,345	43,031
20030000 Other municipal waste					
20030100 Mixed municipal waste	40	2,478,365	533,087	991,346	213,235
20030200 Market place waste	80	14,576	2,152	11,661	1,722
20030400 Sludge's from septic tanks and/or cesspits, chemical toilet waste	80	550,688	557,156	440,550	445,725
Total selection from 20030000		3,043,629	1,092,395	1,443,557	660,682
Total		3,294,792	1,187,318	1,617,139	715,240