



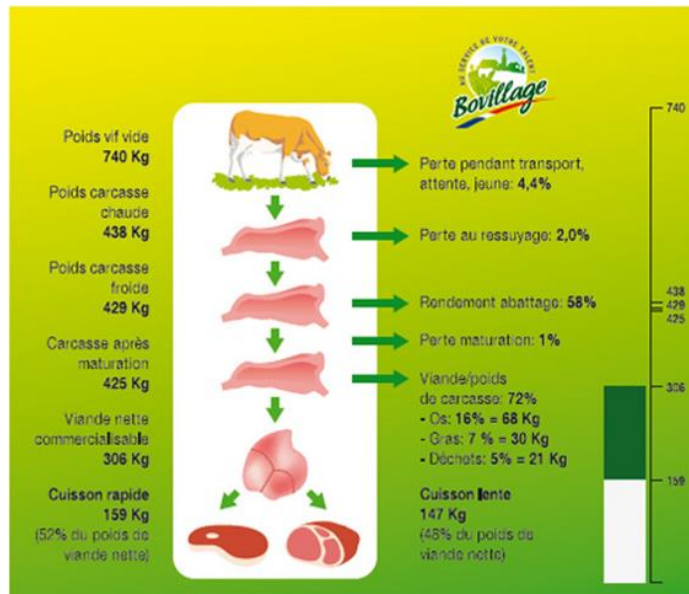
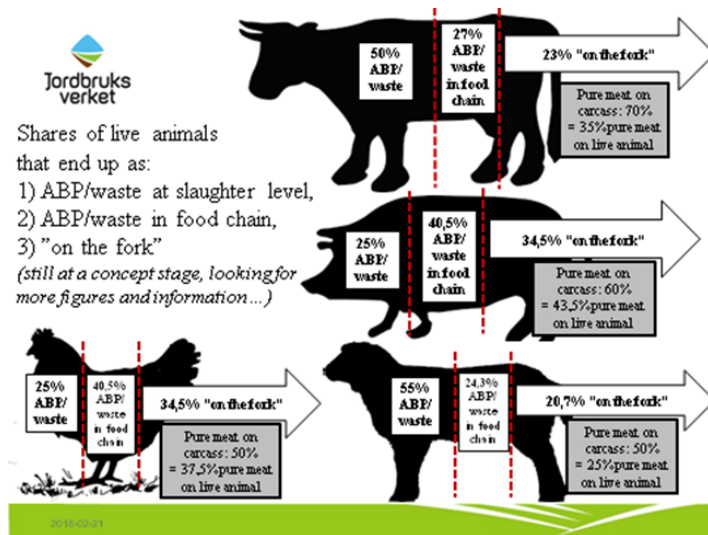
Update on meat consumption

Methodologies comparison

Meat market observatory 2 March 2023

Why is difficult to estimate meat consumption

- Not all the carcass is meat
- Not all the produced meat is eaten



Methods to estimate food consumption

1. Pure balance sheets

- Based on carcass weight
- Include non-edible parts

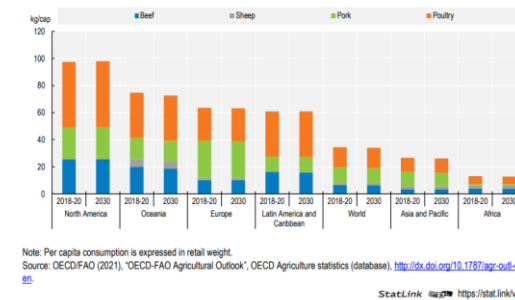
de (M49)	Area	Element Code	Element	Item Code (CPC)	Item	Year Cod
	European Union (27)	645	Food supply quantity (kg/capita/yr)	S2731	Bovine Meat	2018
	European Union (27)	645	Food supply quantity (kg/capita/yr)	S2732	Mutton & Goat Meat	2018
	European Union (27)	645	Food supply quantity (kg/capita/yr)	S2733	Pigmeat	2018
	European Union (27)	645	Food supply quantity (kg/capita/yr)	S2734	Poultry Meat	2018

3. Balance sheets + coefficients

- More precise
- Estimate real consumption
- Still depending on supply volumes



Figure 6.8. Meat consumption per capita: Continued rise of poultry and fall of beef



2. Corrected balance sheets

- Based on retail weight
- Do not take into account loss and waste

4. Food survey + model estimations

- Based on real consumed food
- Expensive and time-consuming



<https://www.globaldietarydatabase.org/>

The Global Dietary Database – EU data 2018

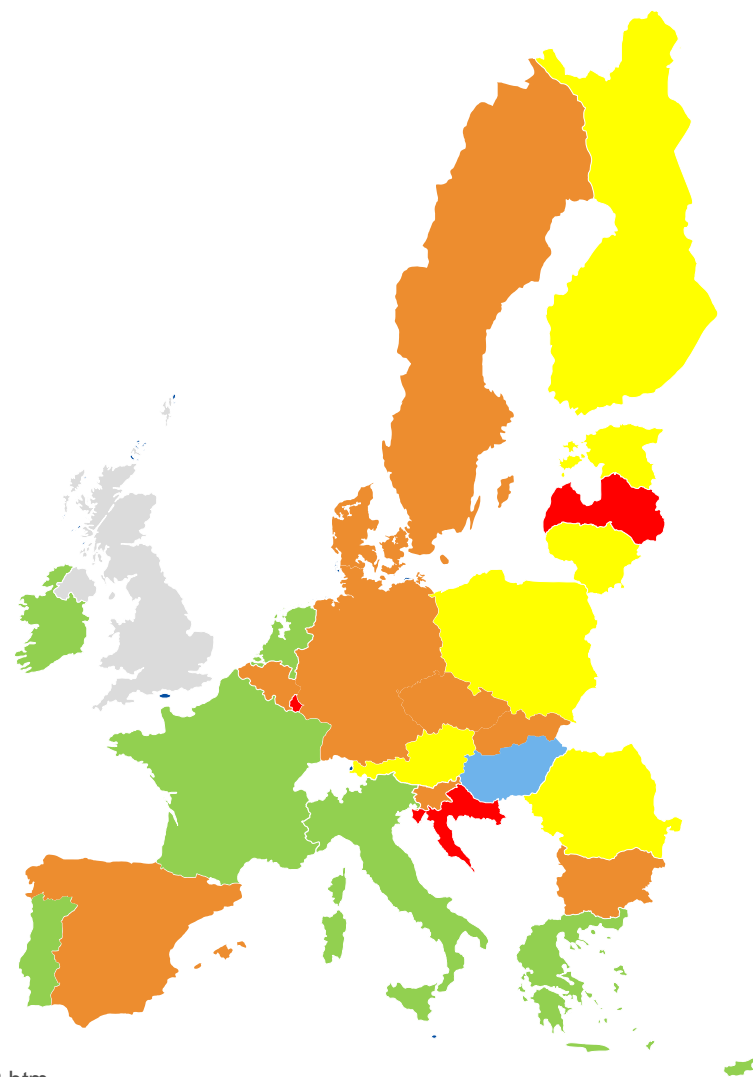
Member States	Unprocessed red meat		Total processed meat		Total	
	g/d	kg/y	g/d	kg/y	g/d	kg/y
Croatia	252	92,0	112	40,9	364	132,9
Latvia	203	74,1	59	21,5	262	95,6
Luxembourg	98	35,8	95	34,7	193	70,4
Lithuania	144	52,6	44	16,1	188	68,6
Estonia	75	27,4	88	32,1	163	59,5
Austria	104	38,0	56	20,4	160	58,4
Poland	68	24,8	62	22,6	130	47,5
Romania	69	25,2	49	17,9	118	43,1
Finland	60	21,9	57	20,8	117	42,7
Germany	47	17,2	61	22,3	108	39,4
Czechia	64	23,4	41	15,0	105	38,3
Bulgaria	70	25,6	33	12,0	103	37,6
Sweden	69	25,2	32	11,7	101	36,9
Malta	61	22,3	37	13,5	98	35,8
Slovakia	33	12,0	57	20,8	90	32,9
Slovenia	55	20,1	35	12,8	90	32,9
Denmark	53	19,3	36	13,1	89	32,5
Spain	55	20,1	32	11,7	87	31,8
Belgium	57	20,8	28	10,2	85	31,0
Greece	77	28,1	5	1,8	82	29,9
Portugal	66	24,1	16	5,8	82	29,9
Cyprus	71	25,9	9	3,3	80	29,2
France	48	17,5	31	11,3	79	28,8
Italy	52	19,0	20	7,3	72	26,3
Ireland	36	13,1	35	12,8	71	25,9
The Netherlands	45	16,4	22	8,0	67	24,5
Hungary	21	7,7	12	4,4	33	12,0
Weighted average		21,1		14,4		35,5

- Data do not include unprocessed poultry meat consumption
- Processed poultry meat is included in the total processed meat

Total processed meats	v09	grams per day	Total intake of processed meat, defined as any meat (including poultry) that has been cured, smoked, dried, or chemically preserved. Examples include bacon, salami, sausages, hot dogs, and processed deli or luncheon
Unprocessed red meats	v10	grams per day	Total intake of unprocessed red meat, defined as beef, pork, lamb, mutton, or game that has not been cured, smoked, dried, or chemically preserved. This

Data comparison – poultry excluded

Method	2018 Per capita fresh and processed red meat consumption kg/y
1. Pure balance sheet	57,35
2. Corrected balance sheet	46,60
3. Balance sheet + coefficients	37,07
4. Food survey	35,50



Per capita fresh and processed red meat consumption



• Sources:

1. FAOSTAT <https://www.fao.org/faostat/en/>
2. OECD Agricultural outlook <https://www.oecd.org/publications/oecd-fao-agricultural-outlook-19991142.htm>
3. EC – MMO meeting of 11/10/2019 https://agriculture.ec.europa.eu/document/download/cd837e17-8d8e-457f-8921-8a8ec8f2c8a5_en?filename=meat-mo-report-annexes-2019-10-11_en.zip
4. Global Dietary Database – data downloaded 03/02/2023 <https://www.globaldietarydatabase.org/data-download>



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Thank you



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