Workbook - Biomass

Version – 15th July 2022

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A.1.1 Primary Crops

Example

Establishing the Domestic Extraction of Primary Crops based on FAOSTAT for country X in the year Y.

Solution

1) Data download

FAOSTAT; Data; Production; Crops and livestock products

Country; Element: Production Quantity; Item: Crops Primary >(List); Year

→ Download Data

4	Α	В	С	D	E	F	G	н	1	J	K	L	М	N
1	Domain Code	Domain	Code	Area	Element Code	Element	Code	Item	Year Code	Year	Unit	Value	Flag	Flag Description
2	QCL	Crops and livestock products	11	Austria	5510	Production	515	Apples	2019	2019	tonnes	239210		Official data
3	QCL	Crops and livestock products	11	Austria	5510	Production	526	Apricots	2019	2019	tonnes	11510		Official data
4	QCL	Crops and livestock products	11	Austria	5510	Production	367	Asparagus	2019	2019	tonnes	3320		Official data
5	QCL	Crops and livestock products	11	Austria	5510	Production	572	Avocados	2019	2019	tonnes	0		Official data
6	QCL	Crops and livestock products	11	Austria	5510	Production	486	Bananas	2019	2019	tonnes	0		Official data
7	QCL	Crops and livestock products	11	Austria	5510	Production	44	Barley	2019	2019	tonnes	828130		Official data
8	QCL	Crops and livestock products	11	Austria	5510	Production	414	Beans, green	2019	2019	tonnes	7660		Official data
9	QCL	Crops and livestock products	11	Austria	5510	Production	558	Berries nes	2019	2019	tonnes	70		Official data
10	QCL	Crops and livestock products	11	Austria	5510	Production	552	Blueberries	2019	2019	tonnes	1350		Official data
11	QCL	Crops and livestock products	11	Austria	5510	Production	181	Broad beans, horse beans, dry	2019	2019	tonnes	13030		Official data
12	QCL	Crops and livestock products	11	Austria	5510	Production	358	Cabbages and other brassicas	2019	2019	tonnes	60000		Official data
13	QCL	Crops and livestock products	11	Austria	5510	Production	426	Carrots and turnips	2019	2019	tonnes	108180		Official data
14	QCL	Crops and livestock products	11	Austria	5510	Production	393	Cauliflowers and broccoli	2019	2019	tonnes	5760		Official data
15	QCL	Crops and livestock products	11	Austria	5510	Production	108	Cereals nes	2019	2019	tonnes	22550		Official data

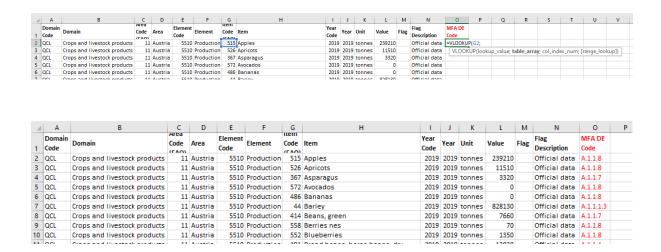
2) Correspondence

The FAO→Primary Crops Correspondence Table provides allocation of downloaded data to MFA Questionnaire Table A.

4	Α	В	С	D	E	F
_						
1						
2						
3	Questionnaire Ta	ible A Code			FAO Item Name	Sub-categories
4				Code	Primary crops	level 2
5	A.1. biomass	A.1.1. primary crops			Rice, Paddy	A.1.1.1
6			A.1.1.1.2 Wheat	15	Wheat	A.1.1.1.2
7			A.1.1.1.3 Cereals n.e.c.	44	Barley	A.1.1.1.3
8				56	Maize	A.1.1.1.3
9				68	Pop Corn	A.1.1.1.3
10				71	Rye	A.1.1.1.3
11				75	Oats	A.1.1.1.3
12				79	Millet	A.1.1.1.3
13				83	Sorghum	A.1.1.1.3
14				89	Buckwheat	A.1.1.1.3
15				92	Quinoa	A.1.1.1.3
16				94	Fonio	A.1.1.1.3
17				97	Triticale	A.1.1.1.3
18				101	Canary Seed	A.1.1.1.3
18 19				103	Mixed Grain	A.1.1.1.3
20				108	Cereals nes	A.1.1.1.3
21			A.1.1.2 Roots, tubers	116	Potatoes	A.1.1.2
22				122	Sweet Potatoes	A.1.1.2
22 23				125	Cassava	A.1.1.2

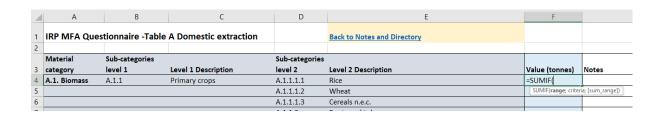
3) Assignment

The excel function "VLOOKUP" helps to assign the respective code to downloaded data.



4) Log in

The items from each MFA category can then be summed up and entered into to the questionnaire simultaneously with the excel function "SUMIF".



Δ	Α	В	С	D	E	F	
1	IRP MFA Que	estionnaire -Table	A Domestic extraction		Back to Notes and Directory		
2	84-4	6.1		0.1			
	Material	Sub-categories		Sub-categories			
3	category	level 1	Level 1 Description	level 2	Level 2 Description	Value (tonnes)	Notes
4	A.1. Biomass	A.1.1	Primary crops	A.1.1.1.1	Rice	-	
5				A.1.1.1.2	Wheat	1 596 880	
6				A.1.1.1.3	Cereals n.e.c.	3 802 430	
7				A.1.1.2	Roots and tubers	751 260	
8				A.1.1.3	Sugar crops	1 965 150	
9				A.1.1.4	Pulses	38 800	
10				A.1.1.5	Nuts	3 090	
11				A.1.1.6	Oil bearing crops	413 770	
12				A.1.1.7	Vegetables	559 600	
13				A.1.1.8	Fruits	638 500	
14				A.1.1.9	Fibres	8 920	
15				A.1.1.10	Other crops n.e.c	-	
16				A.1.1.11	Spice - beverage - pharmaceutical crops	520	
17				A.1.1.12	Tobacco	-	

A.1.2.1 Used crop residues

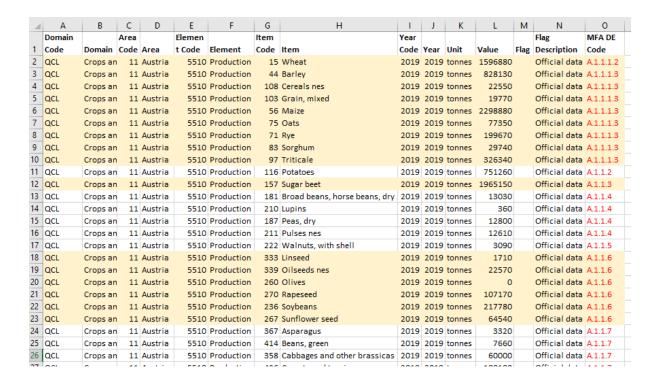
Example

Estimate the used crop residues in country X and year Y

Solution

1) Identification

In most cases crop with residues include all types of cereals (A.1.1.1), sugar crops (A.1.1.3) and oilbearing crops (A.1.1.6), only in exceptional cases will other crops have to be considered.



2) Residues estimation

Collect residue-providing crops in Crop Residues Tool of the Questionnaire and link to standard factors (if no local data is available)

4	Α	В	С	D	E	F
9				Summary Calcu	lated totals for Crop	Residues
10				2019	0	0
11		Total for A	.1.2.1.1 Straw	0	0	0
12	A.1.2.1.2	Other crop residues (sugar and fodder beet leaves etc.)	0	0	0
13						
14						
15						
16				CEREAL CROP PRODU	CTION BY YEAR (STRA	W PRODUCING)
	Crop	Harvest Factor	ecovery Factor	2019		
18	Wheat	1		1 596 880		
19	Barley	1		828 130		
20	Cereals nes	1		22 550		
	E.g. Straw Crop 4					
	E.g. Straw Crop 5					
23	E.g. Straw Crop 6					

3) Used residues estimation

Include recovery factors to obtain only the used share of available residues

4	Α	В	С		D	E	F
9					Summary Calcu	la ed totals for Crop	Residues
10					2019	0	0
11		Total fo	r A.1.2.1.1 Straw		1713292	0	0
12	A.1.2.1.2 (ther crop residue	s (sugar and fodder beet leaves etc.)		0	0	0
13					\		
14							
15							
16				CE	EAL CROP PRODUC	CTION BY YEAR (STR	AW PRODUCING)
17	Crop	Harvest Factor	Recovery Factor		2019		
18	Wheat			0.7	1 596 880		
19	Barley			0.7	828 130		
20	Cereals nes			0.7	22 550		
21	E.g. Straw Crop 4						
22	E.g. Straw Crop 5						

4) Log in

A link between the Crop Residues Tool and Table A in the Questionnaire can be set to enter the data

4	А	В	С	D	E		F
1	IRP MFA Que	estionnaire -Table	A Domestic extraction		Back to Notes and Directory		
2							
	Material	Sub-categories		Sub-categorie		\	
3	category	level 1	Level 1 Description	level 2	Level 2 Description	_	Value (tonnes)
4	A.1. Biomass	A.1.1	Primary crops	A.1.1.1.1	Rice	_	-
5				A.1.1.1.2	Wheat	\	1 596 880
6				A.1.1.1.3	Cereals n.e.c.	/	3 802 430
7				A.1.1.2	Roots and tubers		751 260
8				A.1.1.3	Sugar crops		1 965 150
9				A.1.1.4	Pulses		38 800
10				A.1.1.5	Nuts		3 090
11				A.1.1.6	Oil bearing crops		413 770
12				A.1.1.7	Vegetables		559 600
13				A.1.1.8	Fruits		638 500
14				A.1.1.9	Fibres		8 920
15				A.1.1.10	Other crops n.e.c		-
16				A.1.1.11	Spice - beverage - pharmaceutical crops		520
17				A.1.1.12	Tobacco		
			Crop residues (used) and				
18		A.1.2	fodder crops	A.1.2.1.1	Straw		1 713 292

A.1.2.2.1 Fodder Crops and harvest from grassland

Example

In country X, data on fodder crops and harvest on grassland is reported and the moisture content needs to be standardized.

Solution

1) Standardization

First, check the moisture content of reported value and then convert data to 15% moisture content.

1	Α	В	С	D	
1					
2		Data harvest fodder crops and grass	8 545 000	t dm/yr	
3					
4		Reported moisture content:	0	%	
5		Factor mc:	(1-0)/0.85		
6			1.18		
7		Air dry weight (at 15% mc):	8545000*1.18		
8			10 052 941	t/yr	
9					
10					

2) Log in

The standardized value can be entered into the Questionnaire

		Crop residues (used)	and			
18	A.1.2	fodder crops	A.1.2.1.1	Straw		1 713 292
19			A.1.2.1.2	Other crop residues (sugar and fodder beet leaves etc.)		
20			A.1.2.2.1	Fodder crops (including biomass harvest from grassland)	П	10 052 941
21			A.1.2.2.2	Grazed biomass	П	
22	A.1.3	Wood	A.1.3.1	Timber (Industrial roundwood)		

A.1.2.2.2 Grazed biomass

Example

Grazed biomass in country X via livestock numbers has to be estimated.

Solution

1) Data download

FAOSTAT; Data; Production; Crops and livestock products

Country; Element: Stocks; Item: Live Animals >(List); Year

→ Download Data

4	Α	В	С	D	E	F	G	Н	1	J	K	L	M	N
	Domai		Area Code		Element		Item Code		Year					
1	n Code	Domain	(FAO)	Area	Code	Element	(FAO)	Item	Code	Year	Unit	Value	Flag	Flag Description
2	QCL	Crops and livestock products	11	Austria	5114	Stocks	1181	Beehives	2019	2019	No	372900		Official data
3	QCL	Crops and livestock products	11	Austria	5111	Stocks	866	Cattle	2019	2019	Head	1879520		Official data
4	QCL	Crops and livestock products	11	Austria	5111	Stocks	1016	Goats	2019	2019	Head	92500		Official data
5	QCL	Crops and livestock products	11	Austria	5111	Stocks	1034	Pigs	2019	2019	Head	2773230		Official data
6	QCL	Crops and livestock products	11	Austria	5111	Stocks	976	Sheep	2019	2019	Head	402660		Official data
7														

2) Identification of grazing livestock

4	Α	В	С	D	E	F	G	Н	1	J	K	L	М	N
	Domai		Area Code		Element		Item Code		Year					
1	n Code	Domain	(FAO)	Area	Code	Element	(FAO)	Item	Code	Year	Unit	Value	Flag	Flag Description
2	QCL	Crops and livestock products	11	Austria	5114	Stocks	1181	Beehives	2019	2019	No	372900		Official data
3	QCL	Crops and livestock products	11	Austria	5111	Stocks	866	Cattle	2019	2019	Head	1879520		Official data
4	QCL	Crops and livestock products	11	Austria	5111	Stocks	1016	Goats	2019	2019	Head	92500		Official data
5	QCL	Crops and livestock products	11	Austria	5111	Stocks	1034	Pigs	2019	2019	Head	2773230		Official data
6	QCL	Crops and livestock products	11	Austria	5111	Stocks	976	Sheep	2019	2019	Head	402660		Official data
7											·			
R														

3) Collect grazing livestock numbers in Grazed Biomass Tool in the Questionnaire

4	А	В	С	D	Æ	F	G
7							
8				Summ	ary Calculated totals for Gra	zed Biomass	
9				2019		0	
10	Т	otal for A.1.2.2.2 Grazed bi	omass	0		0	
11							
12							
13					GRAZING ANIMAL HERD	SIZE (NUMBER OF	ANIMALS)
		Roughage requirement	% Roughage from				
14	Animal type	(onnes/head/year)	grazing	2019			
15	Cattle			1 879 520			
16	Goats			92 500			
	el.			402 660			
17	Sheep						
	E.g. Animal type 4						

4) Include factors for roughage requirements from reference table and add share for grazing (in this approach 100%)

7							
8				Summ	ary Calculated totals for Gra	zed Biomass	
9				2019	0	0	
10	1	otal for A.1.2.2.2 Grazed bio	omass	11386264	0	0	
11							
12							
12							
13					GRAZING ANIMAL HERD	SIZE (NUMBER OF	ANIMALS)
		Roughage requirement	% Roughage from		GRAZING ANIMAL HERD	SIZE (NUMBER OF	ANIMALS)
13	Animal type		% Roughage from grazing	2019		SIZE (NUMBER OF	ANIMALS)
13	Animal type Cattle		grazing	2019 1 879 520		SIZE (NUMBER OF	ANIMALS)
13 14 15		(tonnes/head/year)	grazing 100%			SIZE (NUMBER OF	ANIMALS)
13 14 15 16	Cattle	(tonnes/head/year) 5.9	grazing 100% 100%	1 879 520		SIZE (NUMBER OF	ANIMALS)
13 14 15 16 17	Cattle Goats	(tonnes/head/year) 5.9 0.6	grazing 100% 100%	1 879 520 92 500		SIZE (NUMBER OF	ANIMALS)

5) Subtract harvested roughage from total roughage demand

7								
8				Summa	ry Calculated totals for Graz	ed Biomass		
9				2019	0	0		
10		Total for A.1.2.2.2 Grazed b	iomass	11 386 264	0	0		
11	A.1.2.2.1	Fodder crops (including biom	ass harvest from grassland	10 052 941				
12				1 333 323				
13				GRAZING ANIMAL HERD SIZE (NUMBER OF ANIMALS)				
		Roughage requirement						
14	Animal type	(tonnes/head/year)	% Roughage from grazing	2019				
15	Cattle	5.9	100%	1 879 520				
	Goats	0.6	100%	92 500				
16	Goats							
	Sheep	0.6	100%	402 660				
17		0.6	100%	402 660				

6) Log in

		Crop residues (used)	and		
18	A.1.2	fodder crops	A.1.2.1.1	Straw	1 713 292
19			A.1.2.1.2	Other crop residues (sugar and fodder beet leaves etc.)	
20			A.1.2.2.1	Fodder crops (including biomass harvest from grassland)	10 052 941
21			A.1.2.2.2	Grazed biomass	1 333 323
22	A.1.3	Wood	A.1.3.1	Timber (Industrial roundwood)	

A.1.3 Wood

Example

Wood extraction from forests for country X has to be compiled.

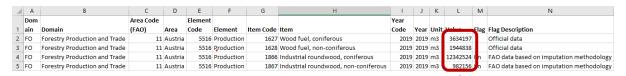
Solution

1) Data download

FAOSTAT

Country; Element: Production Quantity; Items: Wood fuel > (List), Industrial roundwood, coniferous + (Total), Industrial roundwood, non-coniferous + (Total); Year

Download Data



2) Stacked or piled to solid cubic meters conversion
Please note that FAOSTAT reports wood in volumes per solid cubic meter. If volumes are reported in stacked cubic meters, volumes need to be converted to solid cubic meters by multiplying with 0.7 (not shown in this workbook)

3) Conversion from volumes to weights at 15% moisture content

9	Conversion factor for coniferous	rood		Ø.52			
10	Conversion factor for non-coniferous wood			0.68			
11			1				
12	Item Code	Item		m3	Conversion factor	tonnes a	t 15% mc / scm
13	1	527 Wood fuel, coniferous	3,634	1,197	0.52		1,889,782
14	1	Wood fuel, non-coniferous	1,944	1,838	0.68		1,322,490
15	1	366 Industrial roundwood, coniferous	12,342	2,524	0.52		6,418,112
16	1	367 Industrial roundwood, non-coniferous	982	2,156	0.68		667,866
17							

4) Aggregation of coniferous and non-coniferous wood and allocation to EW-MFA categories

MFA category		tonnes	at 15% mc / scm	
A.1.3.1	Timber (Industrial roundwood)		7,085,979	×
A.1.3.2	Wood fuel and other extraction		3,212,272	

5) Addition of bark

FAOSTAT reports industrial roundwood and wood fuel under bark, which means without bark. Unless you have local information that no bark is removed from the forests, the production quantity for forest products needs to be estimated and added

32	MFA category		tonnes at 15% mc / scm under bark		tonnes at 15% mc/ scm incl. bark
33	A.1.3.1	Timber (Industrial roundwood)	7,085,979	1.1	7,794,576
34	A.1.3.2	Wood fuel and other extraction	3,212,272	1.1	3,533,500
					/
	6) Log in The standardized	d values can be entered into the Qเ			
6	, 0		uestionnaire		1,333,32

Wood fuel and other extraction

A.1.4 Wild harvest n.e.c.

Example

Wild fish catch country X has to be compiled.

Solution

1) Data download

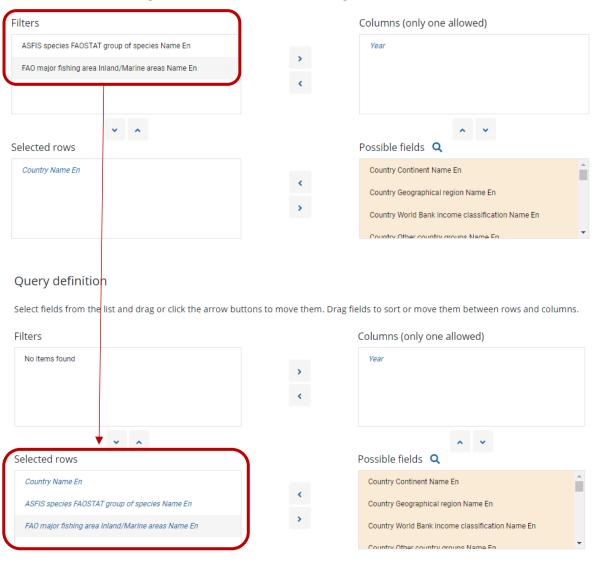
FISHSTAT

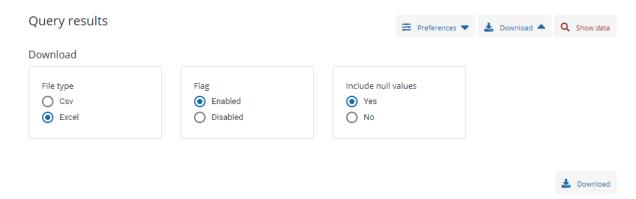
Country; FAOSTAT GROUP OF SPECIES: Aquatic Animals NEI, Aquatic Mammals, Aquatic Plants, Cephalopods, Crustaceans, Demersal Marine Fish, Freshwater and Diadromous Fish, Marine Fish NEI, Molluscs excl. Cephalopods, Pelagic Marine Fish; INLAND/MARINE AREAS: Inland waters, Marine areas; Year

Organization of data query (Filters/Columns/Selected rows)

Query definition

Select fields from the list and drag or click the arrow buttons to move them. Drag fields to sort or move them between rows and columns.





→ Download Data

	Α	В	С	D	E	F
	Country	FAOSTAT group of species Name	Inland/Marine			2019
1	Name En	En	areas Name En	Unit Name	2019	Flag
2	Australia	Aquatic Animals NEI	Marine areas	Tonnes - live weight	57	
3	Australia	Aquatic Mammals	Marine areas	Number	98	
4	Australia	Aquatic Plants	Marine areas	Tonnes - live weight	1,923	E
5	Australia	Cephalopods	Marine areas	Tonnes - live weight	2,564	
6	Australia	Crustaceans	Inland waters	Tonnes - live weight	-	
7	Australia	Crustaceans	Marine areas	Tonnes - live weight	34,813	
8	Australia	Demersal Marine Fish	Marine areas	Tonnes - live weight	40,274	
9	Australia	Freshwater and Diadromous Fish	Inland waters	Tonnes - live weight	884	
10	Australia	Freshwater and Diadromous Fish	Marine areas	Tonnes - live weight	946	
11	Australia	Marine Fish NEI	Marine areas	Tonnes - live weight	12,602	
12	Australia	Molluscs excl. Cephalopods	Marine areas	Tonnes - live weight	10,687	
13	Australia	Pelagic Marine Fish	Marine areas	Tonnes - live weight	65,461	

2) Identification of relevant groups of species

	Α	В	С	D	E	F
	Country	FAOSTAT group of species Name	Inland/Marine			2019
1	Name En	En	areas Name En	Unit Name	2019	Flag
2	Australia	Aquatic Animals NEI	Marine areas	Tonnes - live weight	57	
3	Australia	Aquatic Mammals	Marine areas	Number	98	
4	Australia	Aquatic Plants	Marine areas	Tonnes - live weight	1,923	E
5	Australia	Cephalopods	Marine areas	Tonnes - live weight	2,564	
6	Australia	Crustaceans	Inland waters	Tonnes - live weight	-	
7	Australia	Crustaceans	Marine areas	Tonnes - live weight	34,813	
8	Australia	Demersal Marine Fish	Marine areas	Tonnes - live weight	40,274	
9	Australia	Freshwater and Diadromous Fish	Inland waters	Tonnes - live weight	884	
10	Australia	Freshwater and Diadromous Fish	Marine areas	Tonnes - live weight	946	
11	Australia	Marine Fish NEI	Marine areas	Tonnes - live weight	12,602	
12	Australia	Molluscs excl. Cephalopods	Marine areas	Tonnes - live weight	10,687	
13	Australia	Pelagic Marine Fish	Marine areas	Tonnes - live weight	65,461	

3) Allocation to EW-MFA categories Aggregation of all groups of species AND fishing area (Inland/Marine)

	Α	В	С	D	E	F	G	Н
	Country	FAOSTAT group of species Name	Inland/Marine			2019		EW-MFA
1	Name En	En	areas Name En	Unit Name	2019	Flag		category
2	Australia	Aquatic Animals NEI	Marine areas	Tonnes - live weight	57			A.1.4.1
3	Australia	Aquatic Mammals	Marine areas	Number	98			
4	Australia	Aquatic Plants	Marine areas	Tonnes - live weight	1,923	E		A.1.4.1
5	Australia	Cephalopods	Marine areas	Tonnes - live weight	2,564			A.1.4.3
6	Australia	Crustaceans	Inland waters	Tonnes - live weight	-			A.1.4.2
7	Australia	Crustaceans	Marine areas	Tonnes - live weight	34,813			A.1.4.2
8	Australia	Demersal Marine Fish	Marine areas	Tonnes - live weight	40,274			A.1.4.1
9	Australia	Freshwater and Diadromous Fish	Inland waters	Tonnes - live weight	884			A.1.4.1
10	Australia	Freshwater and Diadromous Fish	Marine areas	Tonnes - live weight	946			A.1.4.1
11	Australia	Marine Fish NEI	Marine areas	Tonnes - live weight	12,602			A.1.4.1
12	Australia	Molluscs excl. Cephalopods	Marine areas	Tonnes - live weight	10,687			A.1.4.2
13	Australia	Pelagic Marine Fish	Marine areas	Tonnes - live weight	65,461)		A.1.4.1

EW-MFA Category	Tonnes -	live weight	Formulae
A.1.4.1		122,147	-Sumif(H2:H13;A17;E2:E13)
A.1.4.2		45,500	-Sumif(H2:H13;A18;E2:E13)
A.1.4.3		2,564	=Sumif(H2:H13;A19;E2:E13)

Log in Enter the values in the Questionnaire. No standardization of moisture content is necessary

24	A.1.4	Wild harvest n.e.c.	A.1.4.1	Wild fish catch	122,147
25			A.1.4.2	All other wild aquatic animals catch	45,500
26			A.1.4.3	Wild aquatic plant harvest	2,564
27			A.1.4.4	Wild terrestrial plant harvest n.e.c.	
28			A.1.4.5	Wild terrestrial animal catch	

A.1.4.4 Wild terrestrial plant harvest n.e.c.

This data is commonly not reported in official statistics. It needs to be estimated, based on e.g., per capita values. Gathered wild plants by indigenous people should be reported under this category (if not already contained under category A.1.1). No standardization of moisture content is necessary.

A.1.4.5 Wild terrestrial animal catch

This data is commonly not reported in official agricultural statistics. But it might be reported by official hunting offices or similar institutions. Hunted animals by indigenous people should be reported under this category.

1) Convert reported numbers into life weight

A	Α	В	С	D	E	F	G
	Country					Life weight	Total weight
1	Name En	Animal species	Year	Unit Name	2019	in kg	(kg)
2	Austria	Rabbit	2019	Number	1,000	2.0	2,000
3	Austria	Lynx	2019	Number	500	30.0	15,000
4	Austria	Racoon	2019	Number	300	3.5	1,050
5	Austria	Widgeon	2019	Number	2,000	0.7	1,400
6	Austria	Fallow deer	2019	Number	1,500	65.0	97,500

Data for the conversion from numbers into life weight can be derived from Table 8 from the <u>Eurostat MFA compilation guide</u>. For some species, detailed data for male/female species, and min/max/average values are reported

2) Convert weight in kg to weight in tons

4	Α	В	С	D	Е	F	G	Н
	Country					Life weight	Total weight	Total (tonnes
1	Name En	Animal species	Year	Unit Name	2019	in kg	(kg)	life weight)
2	Austria	Rabbit	2019	Number	1,000	2.0	2,000	2
3	Austria	Lynx	2019	Number	500	30.0	15,000	15
4	Austria	Racoon	2019	Number	300	3.5	1,050	1
5	Austria	Widgeon	2019	Number	2,000	0.7	1,400	1
6	Austria	Fallow deer	2019	Number	1,500	65.0	97,500	98

3) Add data for individual species

4	Α	В	С	D	E	F	G	н
	Country					Life weight	Total weight	Total (tonnes
1	Name En	Animal species	Year	Unit Name	2019	in kg	(kg)	life weight)
2	Austria	Rabbit	2019	Number	1,000	2.0	2,000	2
3	Austria	Lynx	2019	Number	500	30.0	15,000	15
4	Austria	Racoon	2019	Number	300	3.5	1,050	1
5	Austria	Widgeon	2019	Number	2,000	0.7	1,400	1
6	Austria	Fallow deer	2019	Number	1,500	65.0	97,500	98
7								
8							Total	117

4) Log in

24	A.1.4	Wild harvest n.e.c.	A.1.4.1	Wild fish catch	122,147
25			A.1.4.2	All other wild aquatic animals catch	45,500
26			A.1.4.3	Wild aquatic plant harvest	2,564
27			A.1.4.4	Wild terrestrial plant harvest n.e.c.	0
28			A.1.4.5	Wild terrestrial animal catch	117