

One Planet Development Ecological Footprint Calculator

Version 2 reviewed June 2017

Conversion factors provided by SEI



Current Per Capita Ecological Footprint

3.57 gha

Estimated Per Capita Ecological Footprint on First Habitation

2.27 gha

Year Three & Year Five review Per Capita Ecological Footprint

#DIV/0! gha

Future estimated Per Capita Ecological Footprint

1.96 gha

Input ref. Data entry sheet

* It is recommended you enter current household figures as a baseline to guide your estimates

Existing Household

Actual Figures

Pre Application

(not required on application)

Estimated Household

Figures on First Habitation

Required on Application

Use For

Year Three & Year Five Review

Actual Figures

(not required on application)

Estimated

Household Figures at Year Five

Required on application

1	Number of people in Household	2	2	0	2
2	Household annual income	10000 £ per year		0 £ per year	
ENERGY					
3	On Grid electricity	1652 kWh	0 kWh	0 kWh	0 kWh
4	Off grid electricity: solar PV	0 kWh	1950 kWh	0 kWh	1950 kWh
5	Off grid electricity: wind turbine	0 kWh	1200 kWh	0 kWh	1200 kWh
6	Gas (includes bottled gas) - 1kg LPG = 12.77 kWh	365 kWh	0 kWh	0 kWh	0 kWh
7	Biomass - logs - 1 tonne (see notes) = 3869 kWh	0 kWh	6712 kWh	0 kWh	6712 kWh
8	Coal - 1 kg = 8.05 kWh	0 kWh	0 kWh	0 kWh	0 kWh
9	Oil - 1 litre = 10 kWh	0 kWh	0 kWh	0 kWh	0 kWh
HOUSING & INFRASTRUCTURE					
10	Rent or mortgage expenditure	6500 £ per year	0 £ per year	0 £ per year	0 £ per year
11	Capital Cost - renewable energy equipment /water plant - spread over 15 years	0 £ per year	200 £ per year	0 £ per year	200 £ per year
12	Capital Cost - Costs of home construction - spread over 30 years	0 £ per year	2170 £ per year	0 £ per year	2170 £ per year
13	Maintenance and repair of the dwelling	0 £ per year	0 £ per year	0 £ per year	0 £ per year
14	Goods & services for household maintenance	0 £ per year	0 £ per year	0 £ per year	0 £ per year
15	Water supply and miscellaneous dwelling services	246 £ per year	200 £ per year	0 £ per year	200 £ per year
TRAVEL & TRANSPORTATION					
16	Purchase of vehicles	0 £ per year	600 £ per year	0 £ per year	100 £ per year
17	Operation of personal transport equipment (maintenance, services etc)	1569 £ per year	600 £ per year	0 £ per year	505 £ per year
18	Railway transport	0 £ per year	0 £ per year	0 £ per year	0 £ per year
19	Road transport (buses and taxis)	0 £ per year	0 £ per year	0 £ per year	50 £ per year
20	Air transport	0 £ per year	0 £ per year	0 £ per year	0 £ per year
21	Water transport	0 £ per year	0 £ per year	0 £ per year	0 £ per year
22	Distance travelled by private car	16425 km per year	5000 km per year	0 km per year	2542 km per year
23	Domestic Private vehicle petrol use	0 litres per year	695 litres per year	0 litres per year	344 litres per year
24	Domestic Private vehicle diesel use	1310 litres per year	0 litres per year	0 litres per year	0 litres per year
25	Domestic Private vehicle 100% biodiesel use	0 litres per year	0 litres per year	0 litres per year	0 litres per year
26	Domestic Private vehicle reclaimed veg oil use	0 litres per year	0 litres per year	0 litres per year	0 litres per year
FOOD (shop purchased)					
27	Meat and meat products (excl. poultry)	1040 £ per year	200 £ per year	0 £ per year	0 £ per year
28	Poultry meat and poultry meat products	176.4 £ per year	21 £ per year	0 £ per year	0 £ per year
#N/A	Fish and fish products from catch	11.05 £ per year	0 £ per year	0 £ per year	11 £ per year
#N/A	Fruit and vegetables	1040 £ per year	1040 £ per year	0 £ per year	750 £ per year
#N/A	Vegetable and animal oils and fats	35.36 £ per year	35.36 £ per year	0 £ per year	130 £ per year
#N/A	Dairy products	285.84 £ per year	285.84 £ per year	0 £ per year	286 £ per year
#N/A	Grain mill products; starches and starch products	17.55 £ per year	17.55 £ per year	0 £ per year	18 £ per year
#N/A	Bread; rusks and biscuits; pastry goods and cakes	77 £ per year	60 £ per year	0 £ per year	77 £ per year
#N/A	Cocoa, chocolate and sugar confectionery	170.88 £ per year	170.88 £ per year	0 £ per year	171 £ per year
#N/A	Other food products (incl. sugar)	87.14 £ per year	87.14 £ per year	0 £ per year	47 £ per year
#N/A	Non-alcoholic beverages	167.85 £ per year	167.85 £ per year	0 £ per year	0 £ per year
#N/A	Alcoholic beverages	275.64 £ per year	275.64 £ per year	0 £ per year	276 £ per year
#N/A	Eating out and take away foods	1040 £ per year	520 £ per year	0 £ per year	300 £ per year
FOOD (home grown) enter only figures for your domestic production					
39	Compost purchased	0 £ per year	200 £ per year	0 £ per year	100 £ per year
40	Inorganic fertilizer purchased	0 £ per year	0 £ per year	0 £ per year	0 £ per year
41	Gardening/ horticultural equipment purchased	0 £ per year	0 £ per year	0 £ per year	20 £ per year
42	Seeds	0 £ per year	150 £ per year	0 £ per year	50 £ per year
43	Size of plot (include domestic buildings and land used to grow only your family's foods)	0 m2	4 m2	0 m2	600 m2
44	Animal feeds bought & fed to livestock for home consumption	0 £ per year	142 £ per year	0 £ per year	394 £ per year
CONSUMABLE GOODS (shop purchased)					
45	Tobacco	240 £ per year	0 £ per year	0 £ per year	0 £ per year
46	Clothing	600 £ per year	300 £ per year	0 £ per year	300 £ per year
#N/A	2nd hand clothing	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Footwear	152 £ per year	152 £ per year	0 £ per year	152 £ per year
#N/A	2nd hand footwear	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Furniture, furnishings; carpets etc.	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	2nd hand furniture	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Household textiles	100 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Household appliances	0 £ per year	0 £ per year	0 £ per year	100 £ per year
#N/A	Glassware; tableware & household utensils	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	2nd hand household utensils etc	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Tools and equipment for house & garden	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	2nd hand tools and equipment for house & garden	0 £ per year	0 £ per year	0 £ per year	50 £ per year
#N/A	Medical products; appliances & equipment	0 £ per year	0 £ per year	0 £ per year	20 £ per year
#N/A	Telephone & telefax equipment	0 £ per year	0 £ per year	0 £ per year	50 £ per year
#N/A	Audio-visual; photo & info. processing equipment	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Other major durables for recreation & culture	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Other recreational equipment etc.	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Newspapers; books & stationery	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Personal care	120 £ per year	120 £ per year	0 £ per year	120 £ per year
#N/A	Personal effects not included elsewhere	0 £ per year	0 £ per year	0 £ per year	0 £ per year
Services -					
67	Postal services	0 £ per year	0 £ per year	0 £ per year	0 £ per year
68	Telephone & telefax services	684 £ per year	0 £ per year	0 £ per year	288 £ per year
#N/A	Education	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Accommodation services	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	Insurance	576 £ per year	576 £ per year	0 £ per year	340 £ per year
#N/A	Financial services not included elsewhere	100 £ per year	0 £ per year	0 £ per year	100 £ per year
#N/A	Other services not included elsewhere	0 £ per year	0 £ per year	0 £ per year	0 £ per year
#N/A	UK residents abroad (UK holiday makers)	0 £ per year	0 £ per year	0 £ per year	0 £ per year
All other transactions in year not accounted for above -					
75	Savings in year	0 £ in year		0 £ in year	
76	All costs in year, inc. vehicle fuel, gas, elect. Council tax etc	0 £ per year		0 £ per year	

Verification against annual income. If +/- 5% of income then figures OK
If not then you need to check the figures you have entered.

15311.71

0

CAPITAL INVESTMENT AND SERVICES		from Wales's per capita footprint
Public administration (central)	0.14	
Education (central)	0.00	
Health & vet services (central)	0.13	
Social work activities (central)	0.00	
Recreational services (central)	0.01	
Public administration (local)	0.06	
Education (local)	0.06	
Health & vet services (local)	0.00	
Social work activities (local)	0.05	
Sanitary services (local)	0.01	
Recreational services (local)	0.01	
Capital Investment Public Services	0.06	
SUB TOTAL	0.51	
Capital Investment Private Services	0.06	
Capital Investment Transport	0.04	
Capital Investment Consumables	0.00	
Capital Investment Food	0.06	
Capital Investment Housing	0.15	
other & capital investment in National Footprint accounts	0.08	
SUB TOTAL	0.41	
TOTAL	0.92	