

ECASA indicator

Name	Income per capita in aquaculture
DPSIR class	Impact
ECASA sub-group	Socio-economy (livelihood security)
ECASA code	INCCAPITA
Proposed by participant	2- CEMARE, University of Portsmouth, United Kingdom
Definition, computation, Data sources and relevant studies	<p>Scottish Executive, Input-Output Tables and Multipliers for Scotland. Data on gross value added in Scottish fish farming for 2001 and previous years (back to 1998) are published. This is split into its separate components, (i) compensation of employees and (ii) gross operating surplus.</p> <p>UK Annual Business Inquiry. Gross value added (£) and employment (thousands) for all UK aquaculture enterprises (2000 – 2003) are given.</p>
Summary, scientific meaning, implementation	<p>The importance of aquaculture in supporting livelihoods is most directly measured by per capita income in this sector. Little or no data is available on this, but a crude proxy measure may be derived based on the ratio gross value added (GVA) to employment. Value added, which is defined as an industry's contribution to the market value of the good or service it produces, is numerically equivalent to the sum of pay and profits generated within that sector. The GVA / employment ratio is appropriate where the owners of capital, who receive the profit component, are also employed in the industry. Data on value added and employment in aquaculture is obtainable at least for one country (UK), the details of which are given below. Where the 'employee compensation' (i.e. wages and salaries) element of GVA is separately identified in the published statistics, this should be used in measuring income per head. One of the statistical sources listed below gives this information.</p>
Range of validity	
Species concerned (fishes/molluscs)	
Related type of aquaculture	
Relevant environments for this indicator	
Geographic scale	
Direct relevance to objectives	
Clarity in design.	
Realistic collection or development costs	
High quality and reliability	
Appropriate spatial and temporal scale	
Obvious significance	
advantages	
disadvantages	
references	