

Name	Regional dependency ratios
DPSIR class	Impact
ECASA sub-group	Socio-economy (livelihood security)
ECASA code	RDR
Proposed by participant	2- CEMARE, University of Portsmouth, United Kingdom
Definition, computation, Data sources and relevant studies	<p>Mega Pesca (1999). Regional socio-economic studies on employment and the level of dependency on fishing. (Coordination and Consolidation study Lot 23, Commission of the European Communities.) The report shows the areas of Europe most dependent on aquaculture in 1996 at the NUTS 3 and NUTS 4/5 levels. Databases and maps showing regional dependency on fisheries and aquaculture are available from the MegaPesca website (www.megapesca.com/fishdep/eufishindex.htm).</p>
Summary, scientific meaning, implementation	<p>Regional dependency ratios show the extent to which a given geographical area is reliant on a particular industry (such as aquaculture) for income and employment. Two such ratios are:</p> <ul style="list-style-type: none"> (i) Aquaculture's share of total value added in the region (ii) Aquaculture's share of total employment in the region <p>These measures are easier to quantify than other indicators of regional dependency (e.g. multipliers) provided the basic data is available. The second ratio (employment dependency) is argued to be the more suitable measure since it provides a direct indication of the importance of this sector to a community's livelihoods (MegaPesca, 1999).</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	
State of validation	
Recommendations	