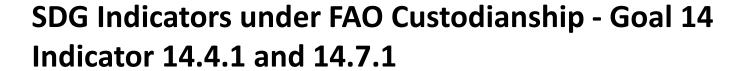




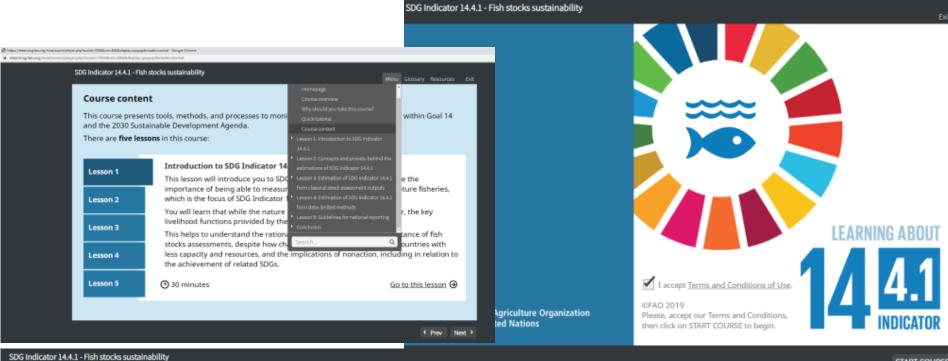
Interagency and Experts Collaboration to Improve the Production and Dissemination of SDG Indicators from Official National Sources





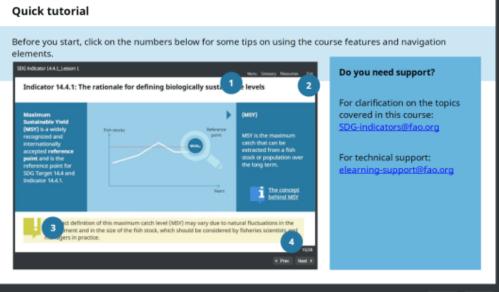
Aymen Charef
Office of the Chief Statistician





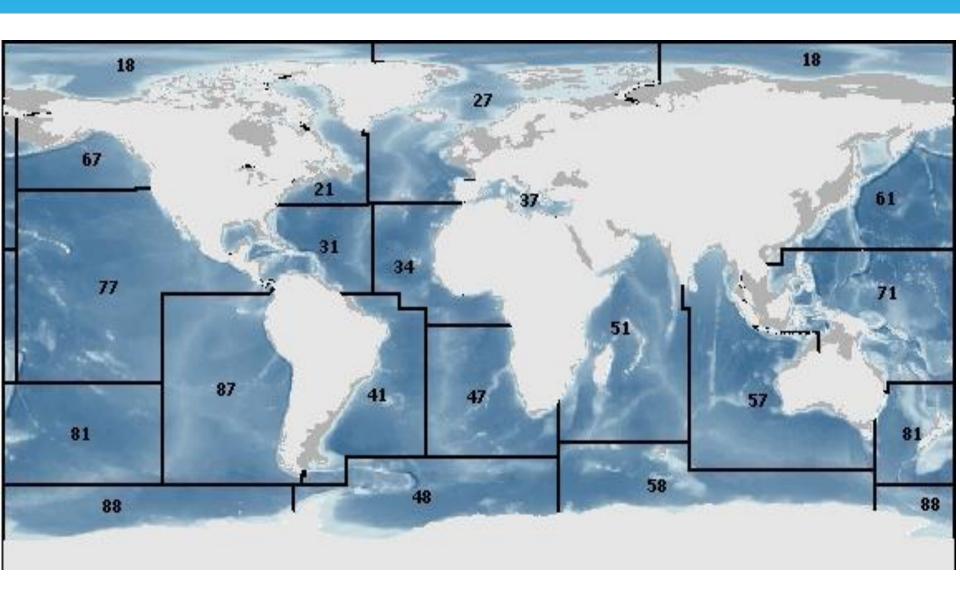


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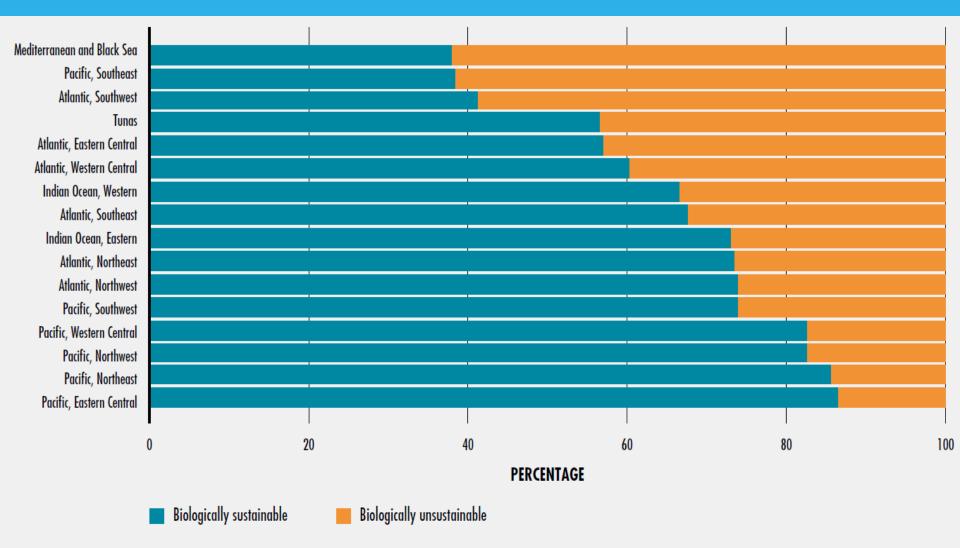


E-learning course

Disaggregated data available by FAO Major fishing areas

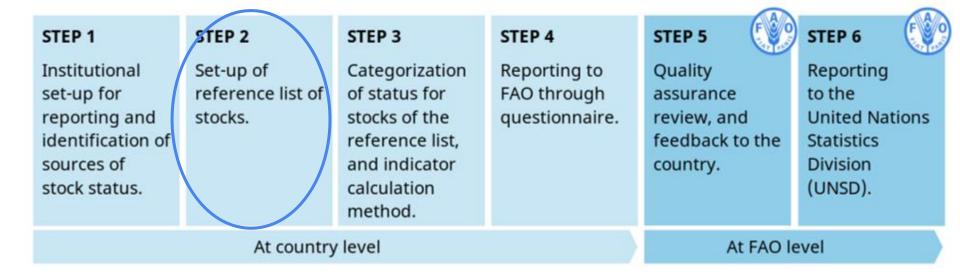


Percentages of stocks fished at biologically sustainable and unsustainable levels by FAO statistical area, 2015

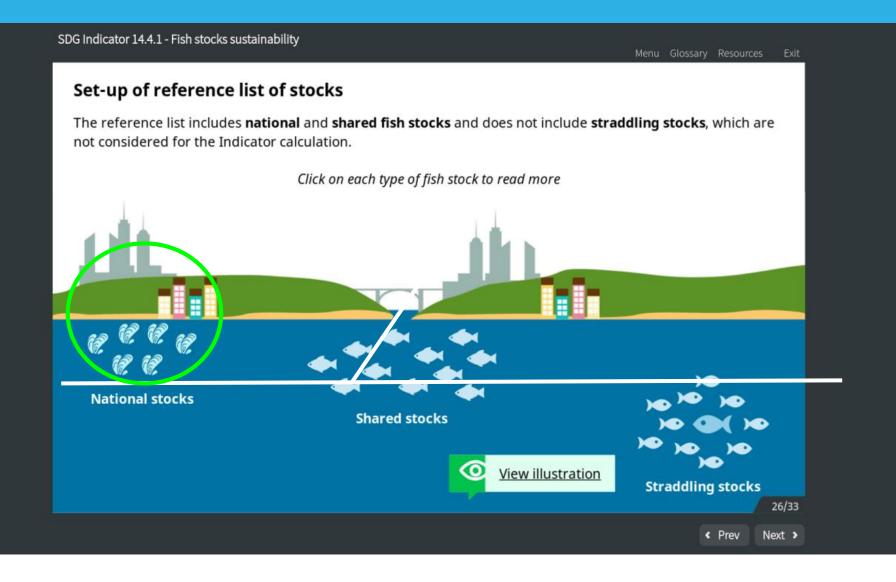


NOTE: Tuna stocks are singled out as they are largely migratory and straddling across statistical areas.

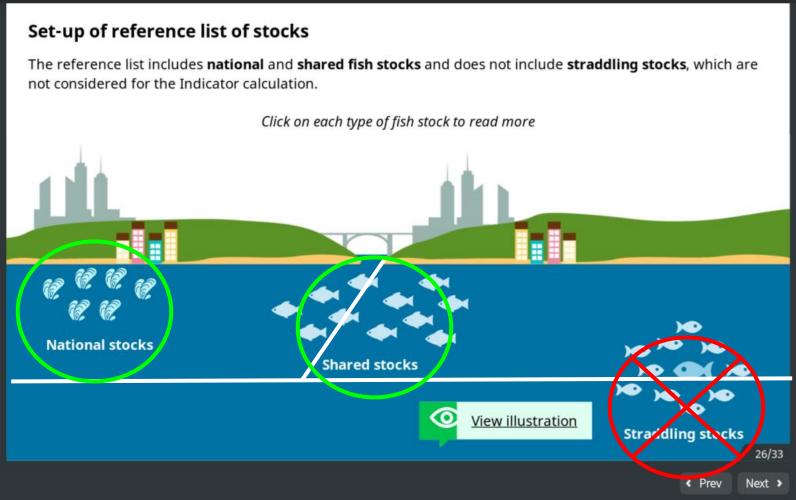
Set-up of reference list of stocks



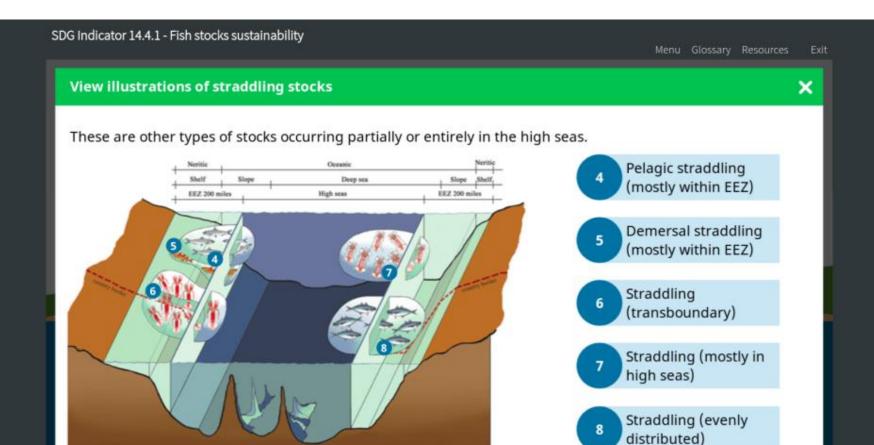
Set-up of reference list of stocks



Overview of Reporting Process: Reference list of stocks



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Status of stocks of the reference list

STEP 1

Institutional set-up for reporting and identification of sources of stock status.

STEP 2

Set-up of reference list of stocks.

STEP 3

Categorization of status for stocks of the reference list, and indicator calculation method.

STEP 4

Reporting to FAO through questionnaire.

STEP 5

Quality assurance review, and feedback to the country.

STEP 6

Reporting to the United Nations Statistics Division (UNSD).

At country level

At FAO level

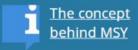
Overview of Reporting Process: Categorise status

Indicator 14.4.1: The rationale for defining biologically sustainable levels How do we define what is 'sustainably fished'?

Maximum
Sustainable Yield
(MSY) is a widely
recognized and
internationally
accepted reference
point and is the
reference point for
SDG Target 14.4 and
Indicator 14.4.1.



MSY is the maximum catch that can be extracted from a fish stock or population over the long term.





The exact definition of this maximum catch level (MSY) may vary due to natural fluctuations in the environment and in the size of the fish stock, which should be considered by fisheries scientists and managers in practice.

15/28

Overview of Reporting Process: Categorise status

MSY-based reference points (4/7)



What measure of B/B_{MSY} should be considered for the calculation of SDG Indicator 14.4.1?

In the **USA and Australia**, $B/B_{MSY} < 0.5$ is commonly used.

If sustainability is defined following this lower threshold, it is recommended to **attempt to assess whether the current biomass is at or above 80% of B**_{MSY} for consistency in the calculation of SDG Indicator 14.4.

FAO suggests the criteria of $B/B_{MSY} < 0.8$. as indicative of an unsustainable stock status.

Therefore, for the calculation of SDG Indicator 14.4.1, if $B/B_{MSY} < 0.8$, the practitioner **could consider that the stock does not meet the criteria** for biological sustainability.





Reporting to FAO through questionnaire

STEP 1

Institutional set-up for reporting and identification of sources of stock status.

STEP 2

Set-up of reference list of stocks.

STEP 3

Categorization of status for stocks of the reference list, and indicator calculation method.

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Reporting to FAO through questionnaire.

STEP 5

Quality assurance review, and feedback to the country.

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At country level

At FAO level

Introducing the Food and General Organization through the questionnaire

منظمة الأغنية والزراعة للأم النحدة 联合国 粮食及 农业组织 Food and Agriculture Organization of the United Nations



Organisation des Nations Unies pour l'alimentation et l'agriculture Продовольственная и сельскохозяйственная организация Объединенных Наций Organización de las Naciones Unidas para la Alimentación y la Agricultura

Viale delle Terme di Caracalla, 00153 Rome, Italy

Fax: +39 0657053152 Your Ref Tel: +39 0657051

www.fao.org

11 November 2019

Subject: National Reporting on the Sustainable Development Goal Indicator 14.4.1

Dear Sir/Madam,

I am contacting you to request your collaboration to report on the Sustainable Development Goal (SDG) 14.4.1 Indicator for which the Food and Agriculture Organization of the United Nations (FAO) is the custodian agency. The indicator measures the biological sustainability of the world's marine capture fishery resources according to the maximum sustainable yield (MSY).

The indicator will provide policy makers with comprehensive information on the state of fish stocks at regional and global levels towards reaching the SDG 14.4 target. The data collected are also expected to identify countries' capacities in producing stock assessments so that FAO can provide the necessary technical assistance.

To this end, I would appreciate it if your office, or alternate focal points, could complete the attached questionnaire for reporting SDG Indicator 14.4.1. Ideally, a leading scientist at each of the institution and agency that is carrying out the assessment of fish stocks should be responsible for compiling the components of the SDG Indicator 14.4.1. The excel questionnaire should be compiled according to the definitions and instructions provided in its first sheets.

An online course on this SDG indicator has been developed to support countries; it includes some methods of stock assessment and provides guidelines for national reporting. The course is available at https://elearning.fao.org/course/view.php?id=502. We call your attention to two key steps of the guidelines: the institutional set-up, and the establishment of the reference list of fish stocks.

Reporting of the indicator using the approved methodology will generate a national value (score) of the proportion of fish stocks within biologically sustainable levels. Countries are encouraged to submit detailed information for individual fish stocks to allow FAO as the custodian agency to undertake a quality assurance assessment, and to establish regional and global values for the indicator

Original national data submissions at the individual fish stock level will not be disseminated by FAO. However, national indicator value will be produced and disseminated by FAO, unless the reporting country requests not to do so, with a proper justification for this decision.

2

We would be grateful if the questionnaire could be completed and returned to FAO by 30 December 2019. If you are not responsible for compiling the questionnaire, kindly forward the form to the responsible contact, keeping us in copy to this communication.

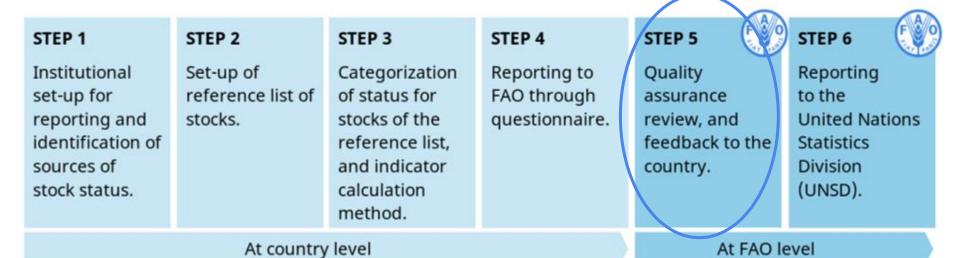
Should you have any questions, comments or difficulties in completing the questionnaire, do not hesitate to contact us at SDG14-4-1-eForms@fao.org.

Thank you in advance for your cooperation.

Yours sincerely.

Pietro Gennari Chief Statistician

Data quality assurance and feedback to the country



Reporting to UNSD by FAO

STEP 6 STEP 5 STEP 1 STEP 2 STEP 3 STEP 4 Institutional Reporting Set-up of Categorization Reporting to Quality of status for to the set-up for reference list of FAO through assurance stocks of the **United Nations** reporting and stocks. questionnaire. review, and identification of reference list, feedback to the Statistics and indicator sources of country. Division stock status. (UNSD). calculation method. At FAO level At country level

FAO's role

- One of the key missions of FAO is to **support member countries** develop the capacity of their statistical systems and enable them to collect, disseminate and use relevant, reliable and timely data.
- By strengthening countries' capacity in this area, FAO contributes to help identify which/whether the data that are collected can be used for data-limited methods
- FAO can assist in the identification of a suitable set of stock assessment methods in Data limited situations
- FAO has developed a wide range of data systems and information products to support countries

Questions

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Merci

Thank You

Благодарю

¡Muchas Gracias!



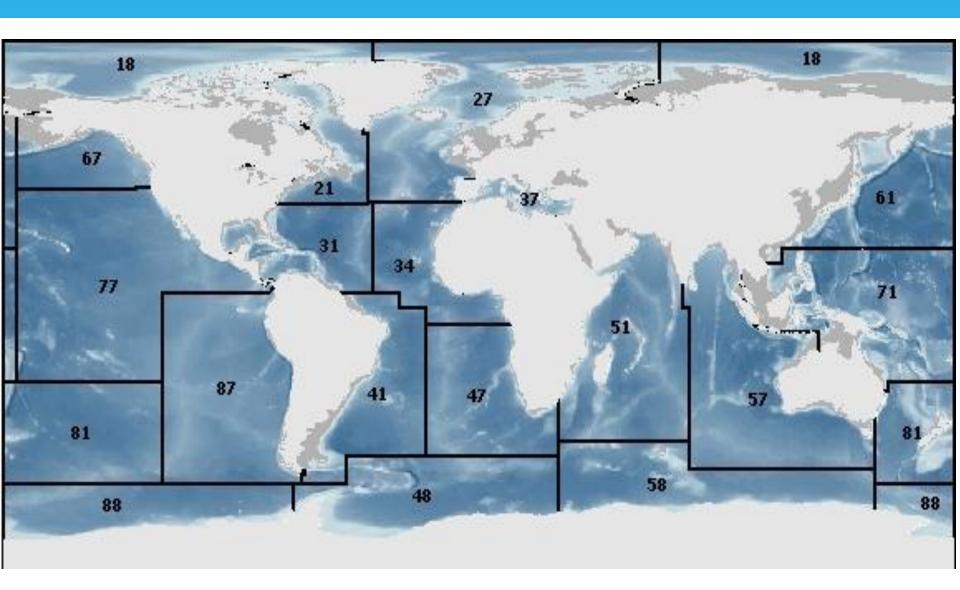




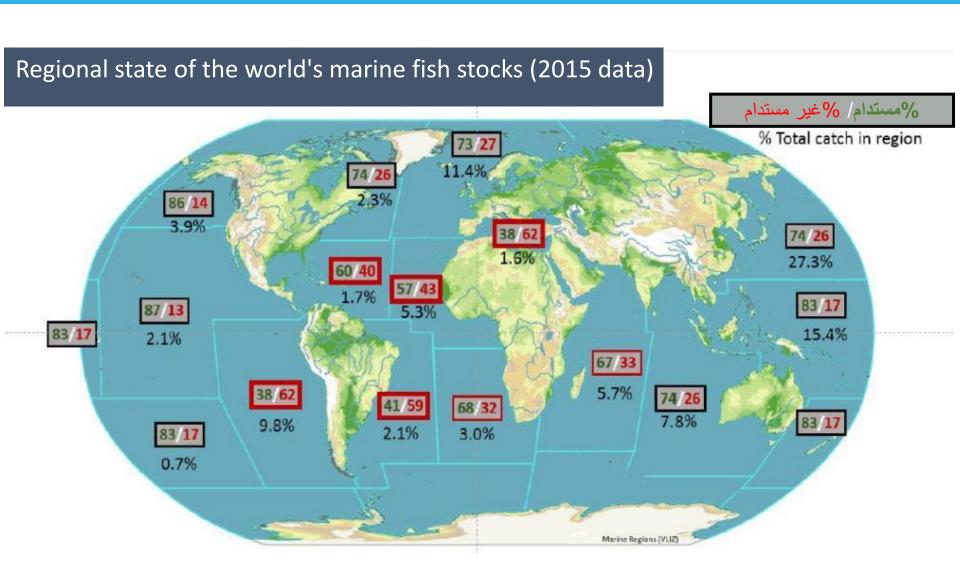
SDG INDICATOR 14.7.1

Sustainable fisheries as a percentage of GDP in small island developing states, least developed countries and all countries

Disaggregated data available for FAO Major fishing areas



Overview of methodology: sustainability multiplier



Overview of methodology: sustainability multiplier

Finally, the value added of marine capture fisheries will be adjusted by the sustainability multiplier to get the sustainable marine capture fisheries as a percentage of GDP

Sustainable Fisheries as a % of GDP = Sustainability multiplier × Value Added marine Fisheries

Sustainable Fisheries as a Percentage of GDP

