Third International Seminar on Early Warning and Business Cycle Indicators

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Global Assessment on Business Cycle Composite Indicators - Draft

**Julian Chow
United Nations Statistics Division**

Global Assessment on Business Cycle Composite Indicators

Contact Information

Organisation	☐
Name of respondent	☐
Telephone Number	☐
Email	☐

☐   Please check this box if you do not wish that your responses to the assessments be shared with other international, regional and supranational organizations

I. Indicator Survey Overview

Does your institution compile any form of business cycle composite indicators?
☐ Yes
☐ No

	Cyclical Indicator	Turning Point Indicator	Economic Growth Indicator
What kinds of business cycle composite indicators does your institute compile?	☐	☐	☐
Which year did you start to compile the business cycle composite indicators?	☐	☐	☐
How frequent do you publish business cycle composite indicators? (monthly, quarterly, annually, or others)	☐	☐	☐

How does your institute collect data for the composite indicator? (Please check all that apply)
☐ Collect data ourselves
     Do you subcontract data collections?
        ☐ Yes
        ☐ No
☐ Use data provided by others

Data sources (Please check all that apply)

Statistical office	Government (not statistical office)	Research Institute	Academic	Others:
☐	☐	☐	☐	☐ Specify: _____

II. Specific questions related to each chapter

Chapter 1 – Introduction and definition
1. Does any form of official documentation/guideline exist for the construction of business cycle composite indicators?
2. Does any form of data quality assurance framework exist to monitor the construction and dissemination of business cycle composite indicators?

Chapter 3 - Data availability, frequency and adjustment techniques

3. Are series back-cast after change in methodology?
4. List out the options your country used to deal with problems of missing prices when deflating the variables.
5. Do you seasonally adjust variables?
6. List out the options your country used to impute the missing data in the time series data
7. What kind of method do you use to create a balance input dataset, when variables are sampled at different frequencies?

Chapter 4: Variables selection techniques

8. List out variables your country used for the construction of composite indicators.
9. Do you analyze the leading-lagging structure of variables?
10. What kind of method do you use to select variables (subjective selection versus formal selection criteria)?

Chapter 5: Indicators to measure cyclical movements

11. What is your choice of reference variables (real statistical variables versus latent variables)?
12. Which approach do you use to define business cycle (classical cycle, growth cycle or acceleration cycle)?
13. What kinds of detrending methods do you apply to data in order to obtain the cyclical component of the series?

Chapter 6: Indicators to detect turning points
14. What kinds of statistical tools do you use for the construction of turning point indicator?
15. What kinds of methods do you use to aggregate individual signals to obtain a composite turning point indicator

Chapter 7: Indicators to measure economic growth
16. What kinds of statistical tools do you use for the construction of indicators to measure economic growth?

Chapter 8: Validation of Business Cycle Composite Indicators
17. What kinds of statistical tools do you use to validate business cycle composite indicators?
18. Please list any visualization tools you use to validate or disseminate the business cycle composite indicators.