



Launch of the Guide on Using R for Calculating Trade Indices and Indicators

Based on the Handbook of Commonly Used Trade Indices and Indicators

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STRUCTURE OF THE R GUIDE

Introduction

1 Trade and economy

(trade dependence, import penetration, export propensity, marginal propensity to import)

2 Trade performance

(growth rate of trade, normalized trade balance, export/import coverage)

3 Direction of trade

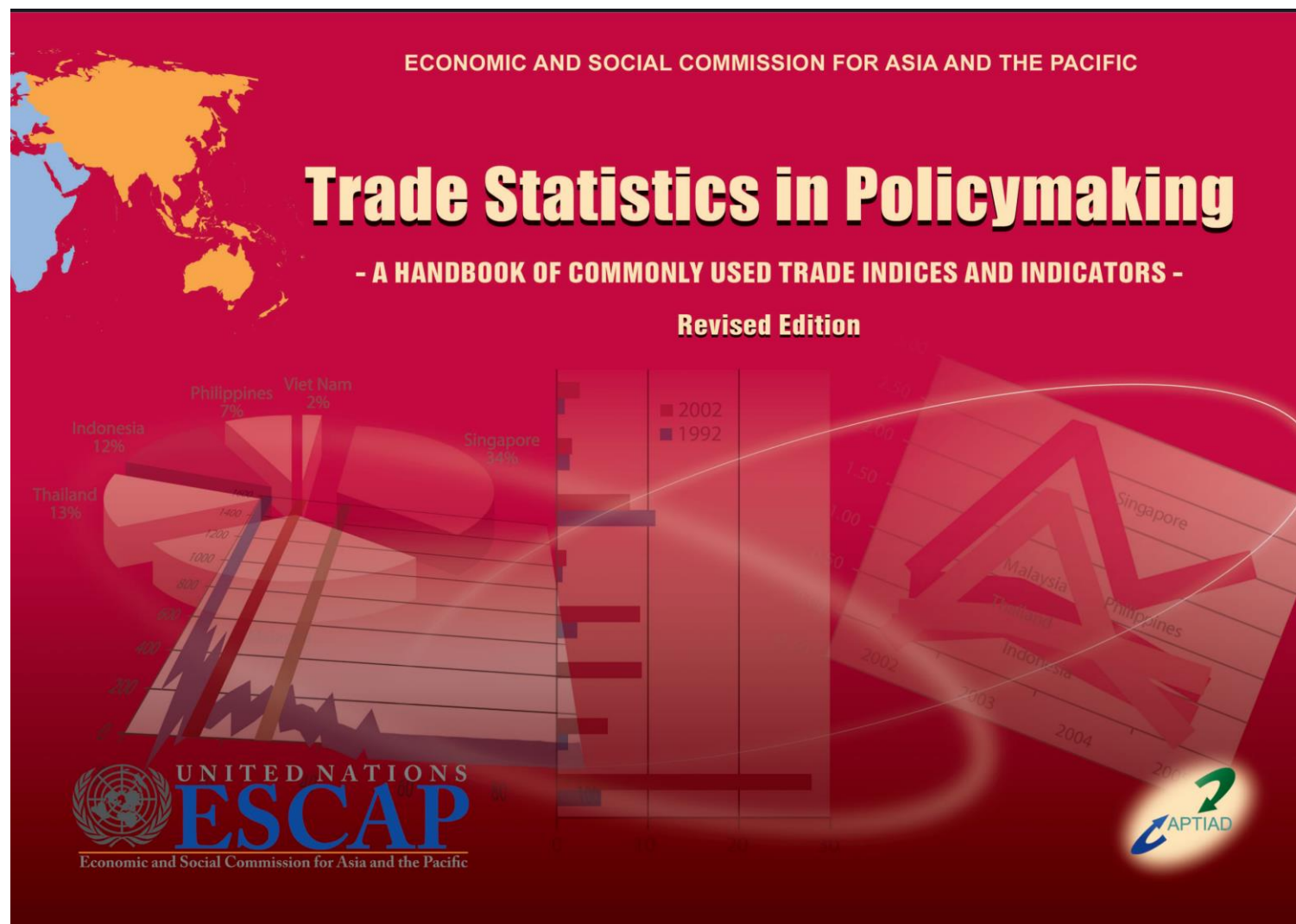
(trade intensity, intra-regional trade shares, trade entropy, etc.)

4 Sectoral structure of trade

(major export category, export diversification, revealed comparative advantage, intra-industry trade, trade overlap, complementarity, export similarity, etc.)

5 Protection

(average tariff, weighted average tariff and tariff dispersion)



SOFTWARE, PREREQUISITES, DATASETS, ETC.

SOFTWARE AND HARDWARE

R and preferably RSTUDIO

PC or Mac OS

PREREQUISITES

Familiarity with R or

Completion of [ESCAP Online Training on Using R for Trade Analysis](#) or

Willingness to study Help files or Google information on packages and functions

DATASETS

[United Nation's Comtrade Database](#) and **comtradr** package for remote access

[World Development Indicators \(WDI\)](#) and **WDI** package for remote access

[World Bank's World Integrated Trade Solutions \(WB WITS\) database](#)

DISCLAIMERS

Ever evolving R software and packages

Regular dataset updates by their publishers

Only some basic data cleaning conducted

Efficiency of the code provided

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