

THE LANCET

Global Health

Supplementary appendix 2

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

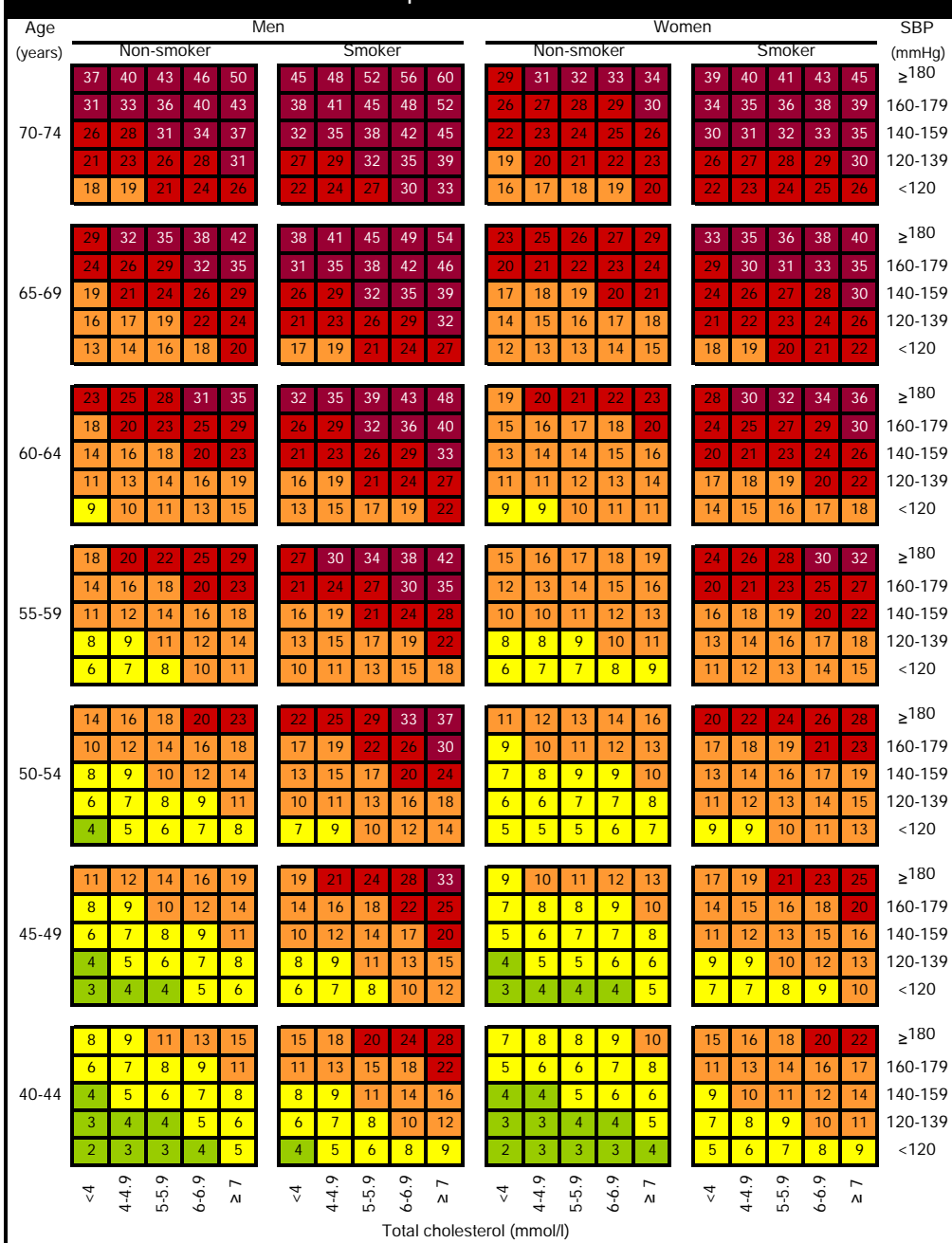
Supplement to: The WHO CVD Risk Chart Working Group. World Health Organization cardiovascular disease risk charts: revised models to estimate risk in 21 global regions. *Lancet Glob Health* 2019; published online Sept 2. [http://dx.doi.org/10.1016/S2214-109X\(19\)30318-3](http://dx.doi.org/10.1016/S2214-109X(19)30318-3).

WHO cardiovascular disease risk laboratory-based charts

North Africa and Middle East

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

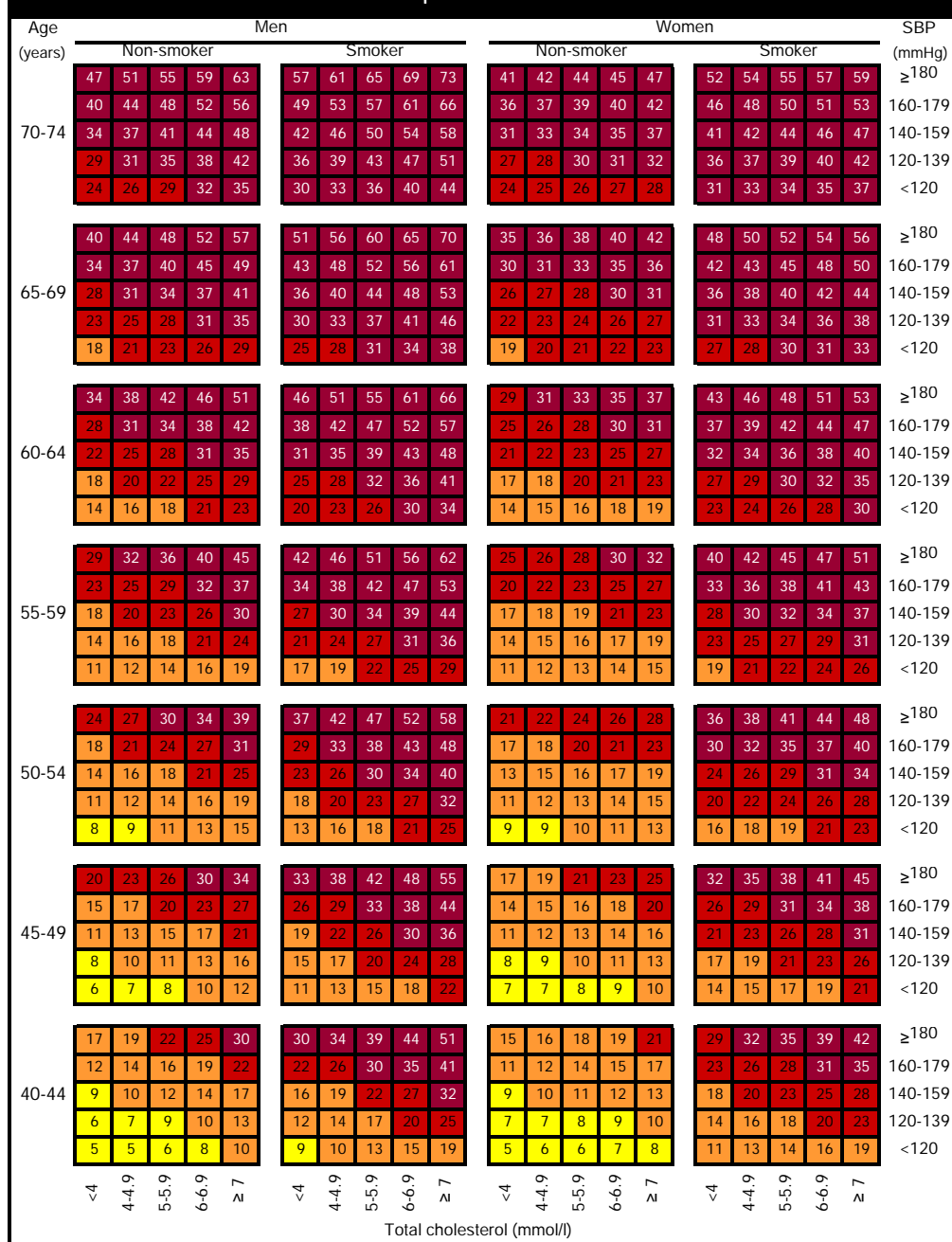
People without Diabetes



North Africa and Middle East

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

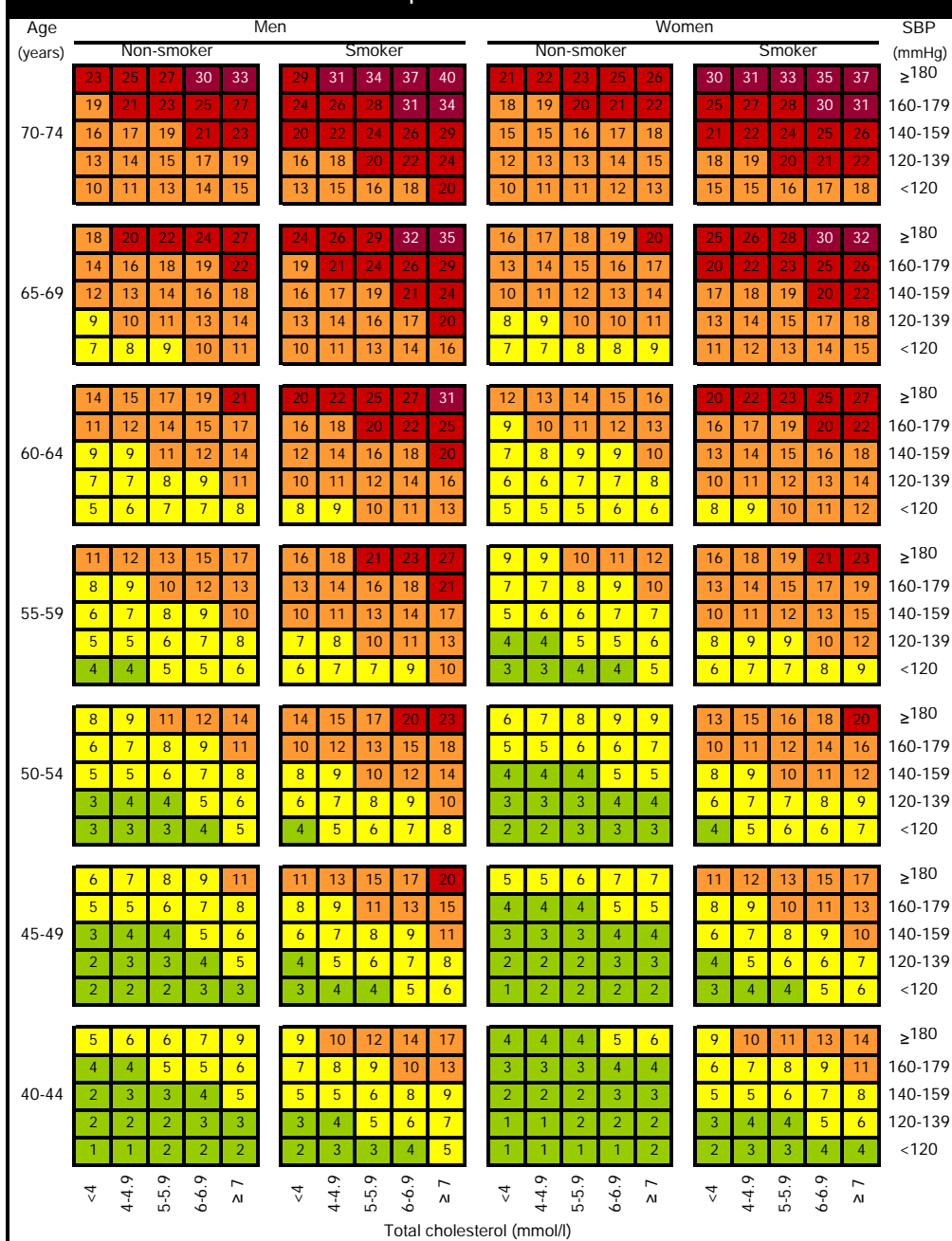
People with Diabetes



Central Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

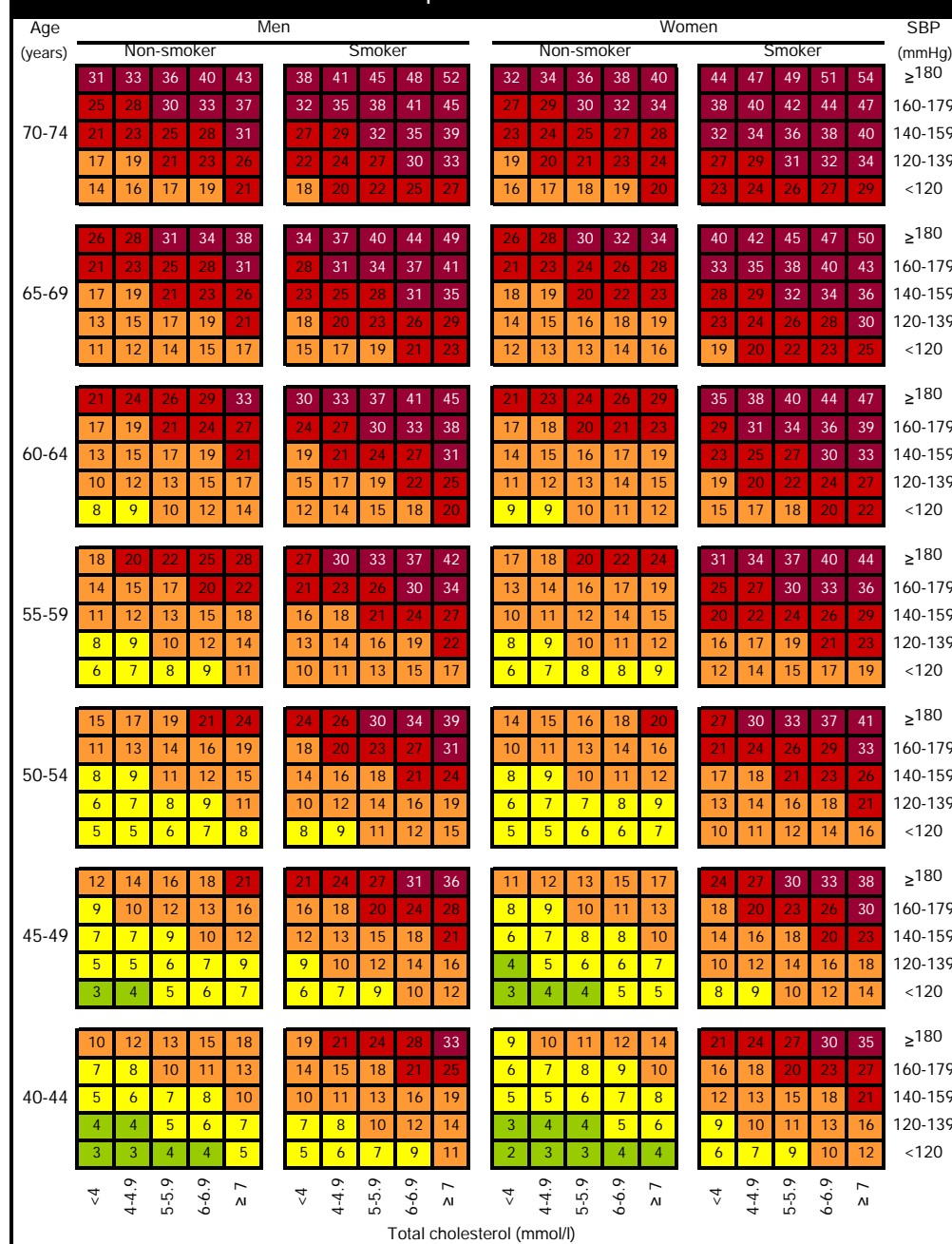
People without Diabetes



Central Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

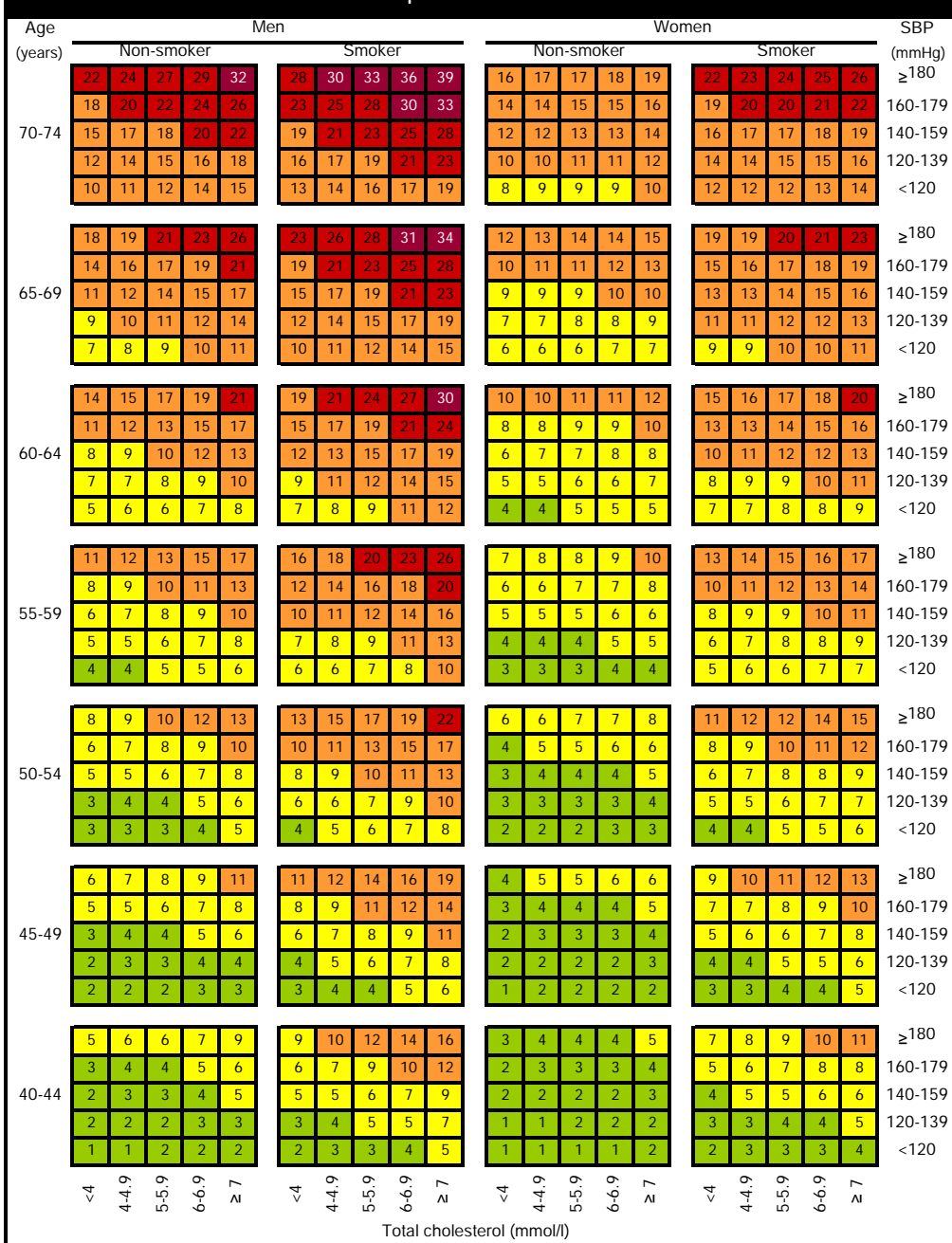
People with Diabetes



Eastern Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

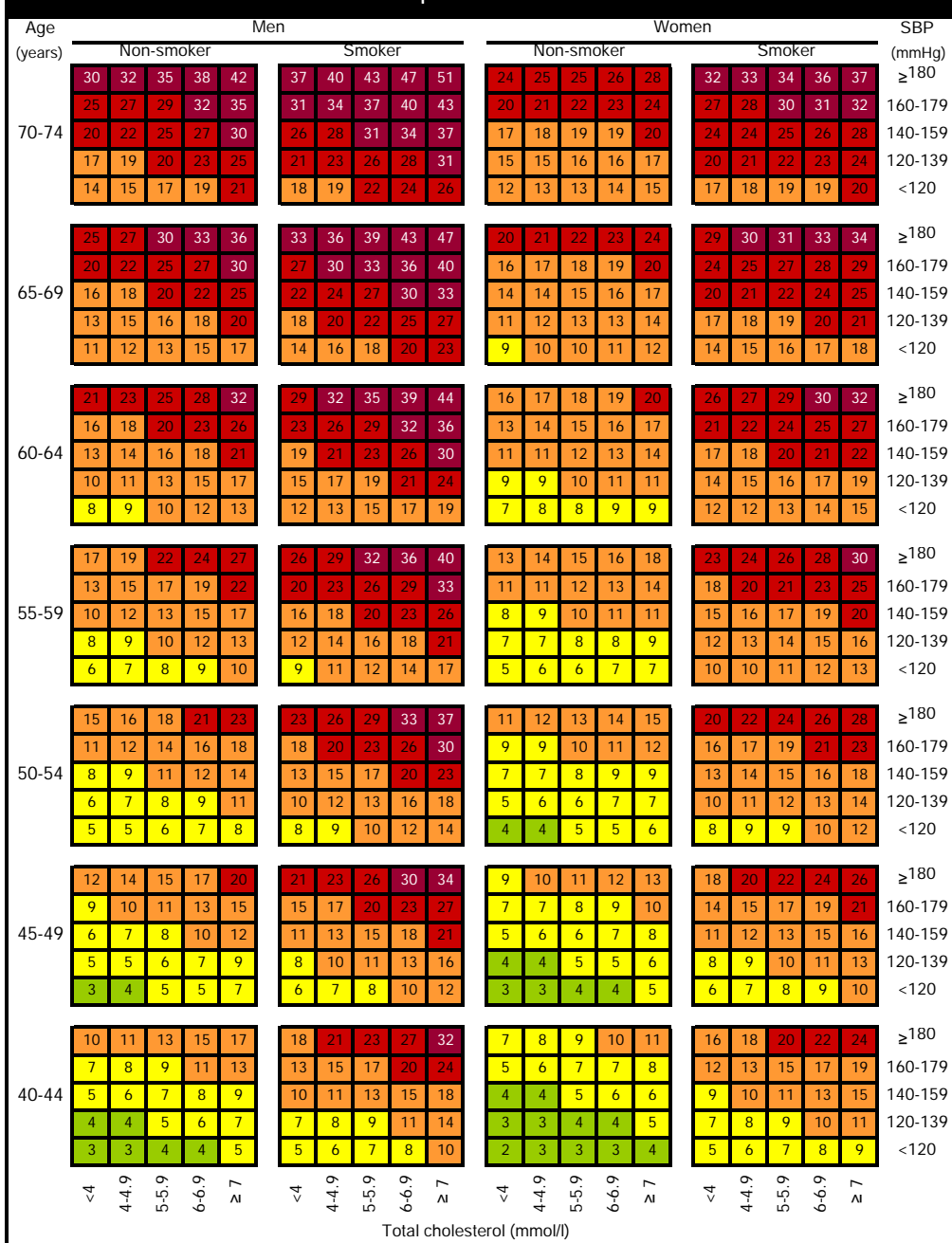
People without Diabetes



Eastern Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

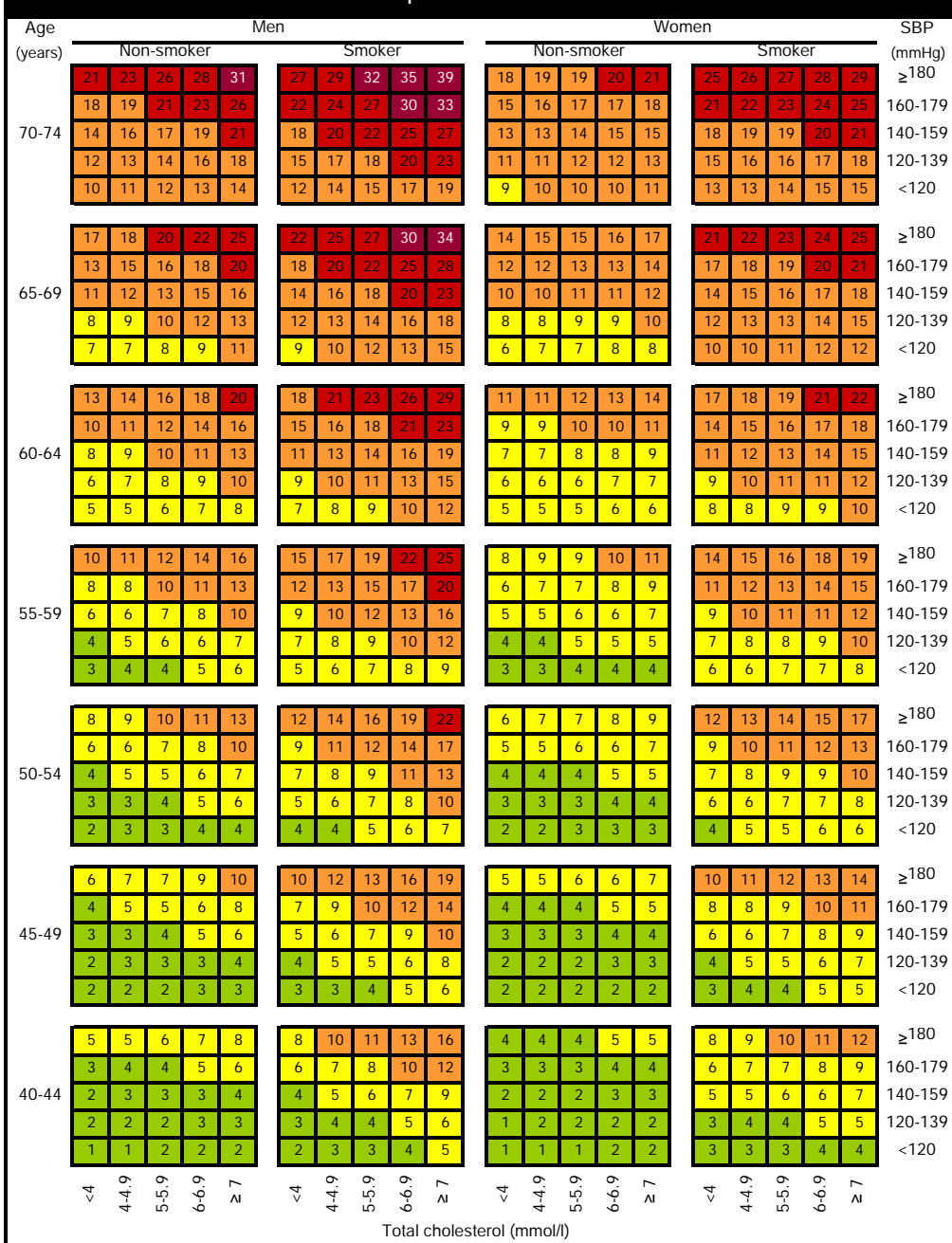
People with Diabetes



Southern Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

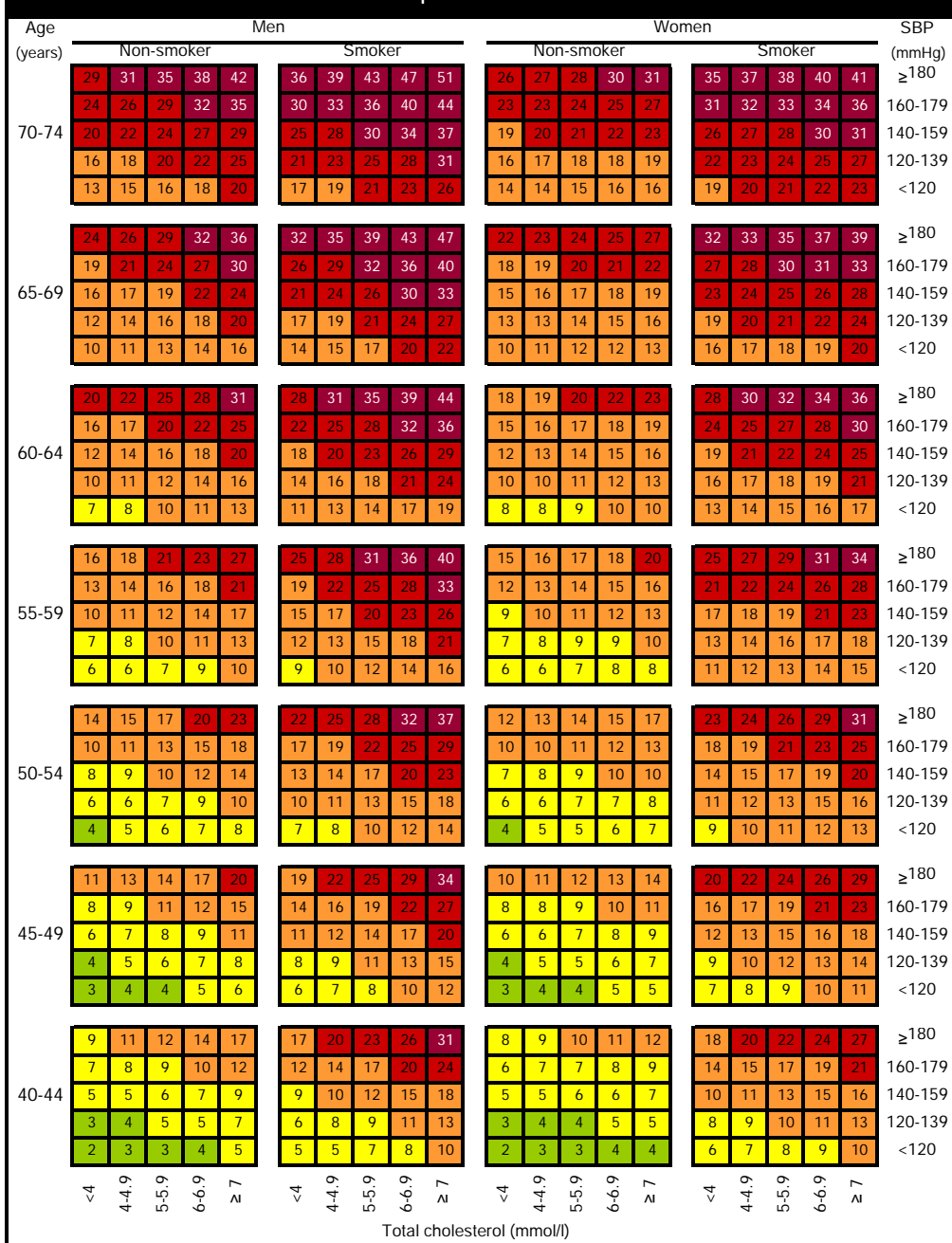
People without Diabetes



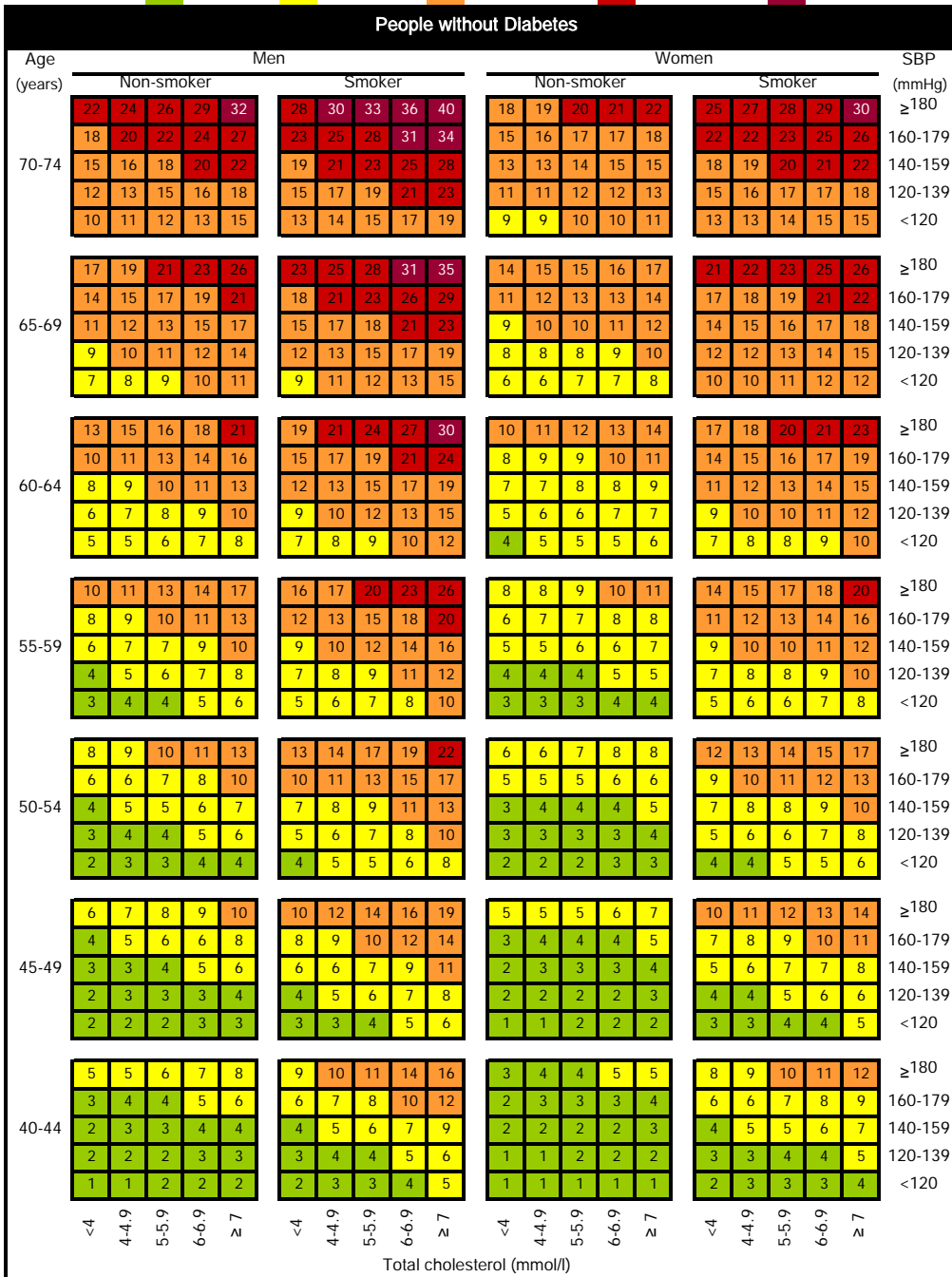
Southern Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

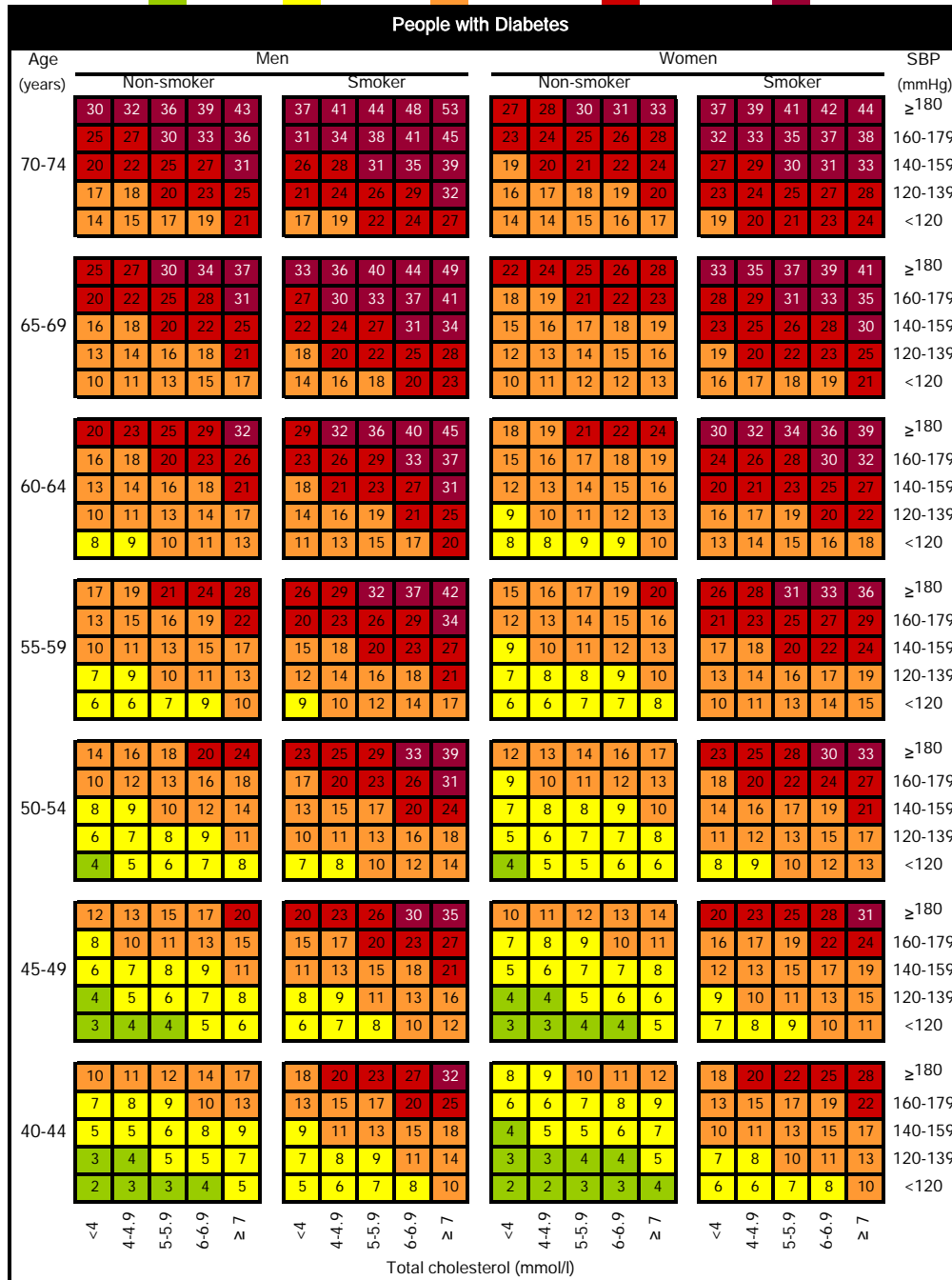
People with Diabetes



Western Sub-Saharan Africa



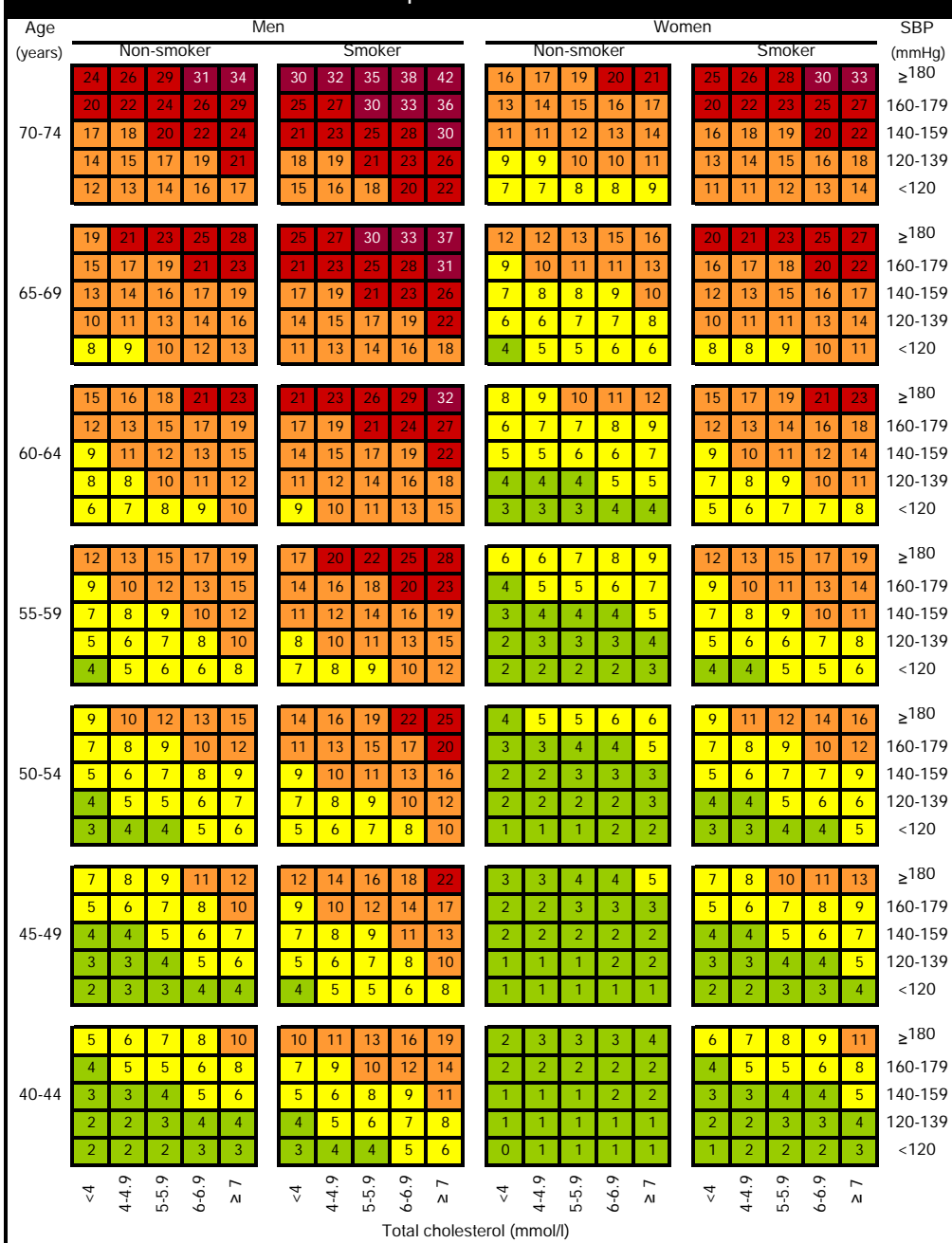
Western Sub-Saharan Africa



Southern Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

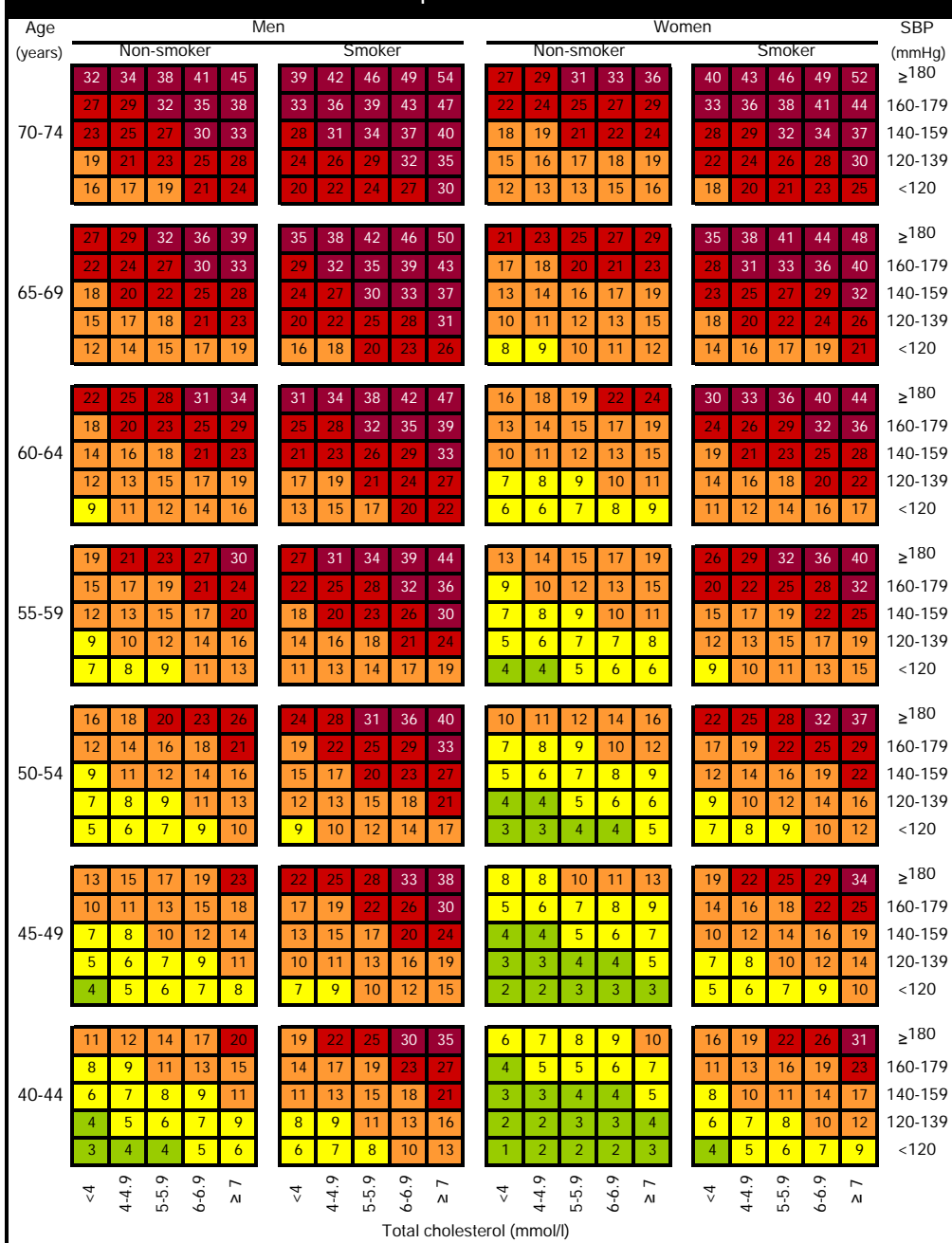
People without Diabetes



Southern Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

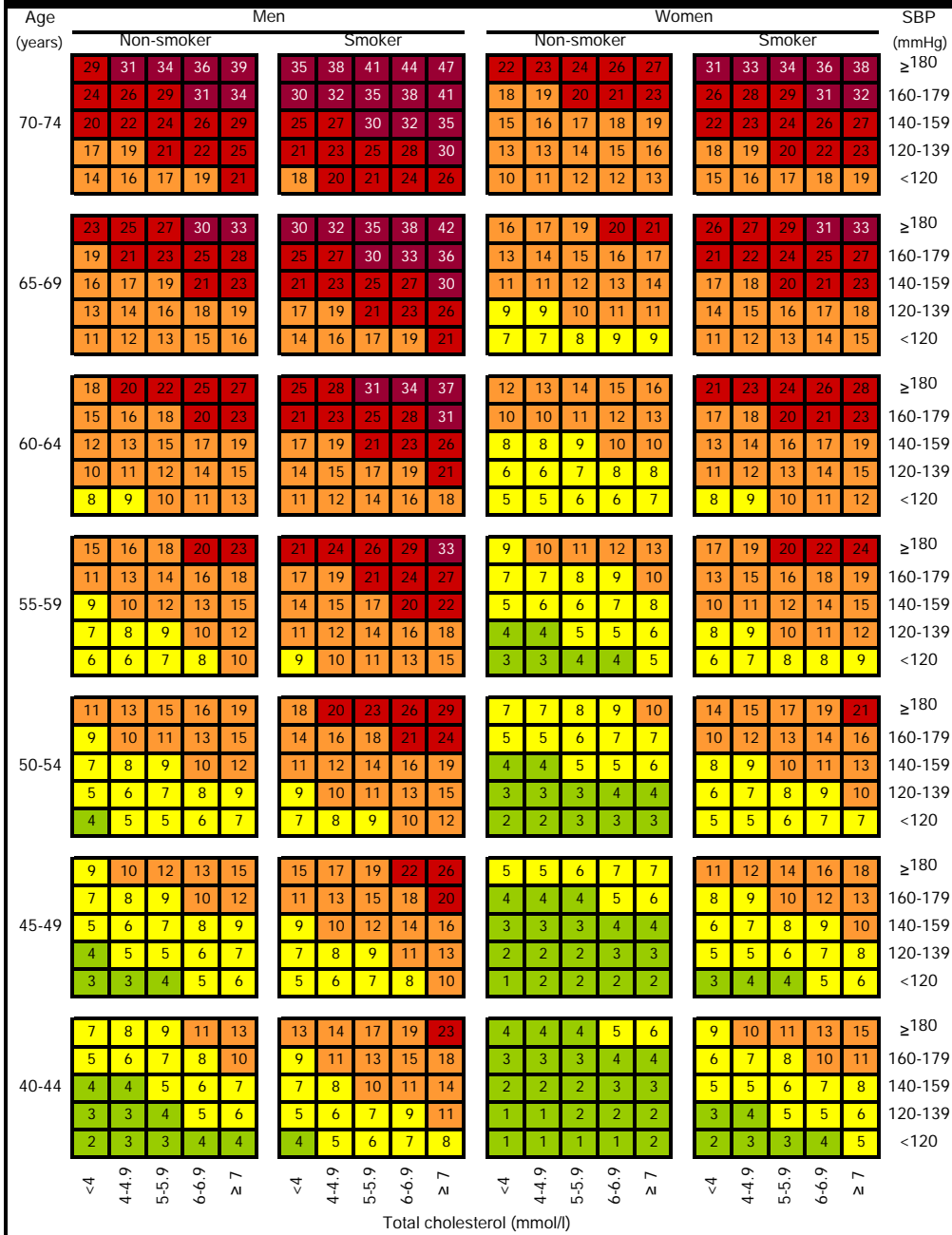
People with Diabetes



High-income North America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

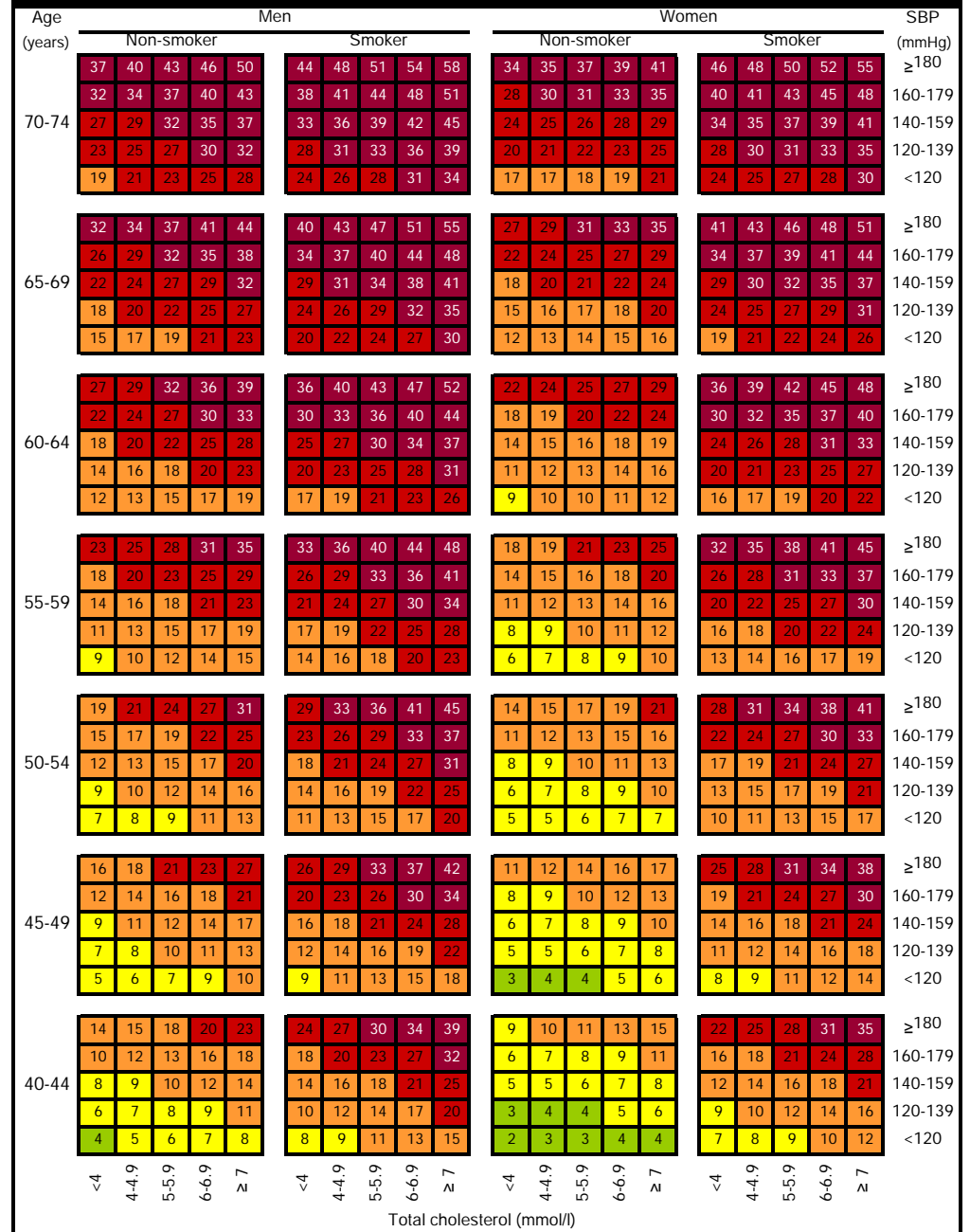
People without Diabetes



High-income North America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

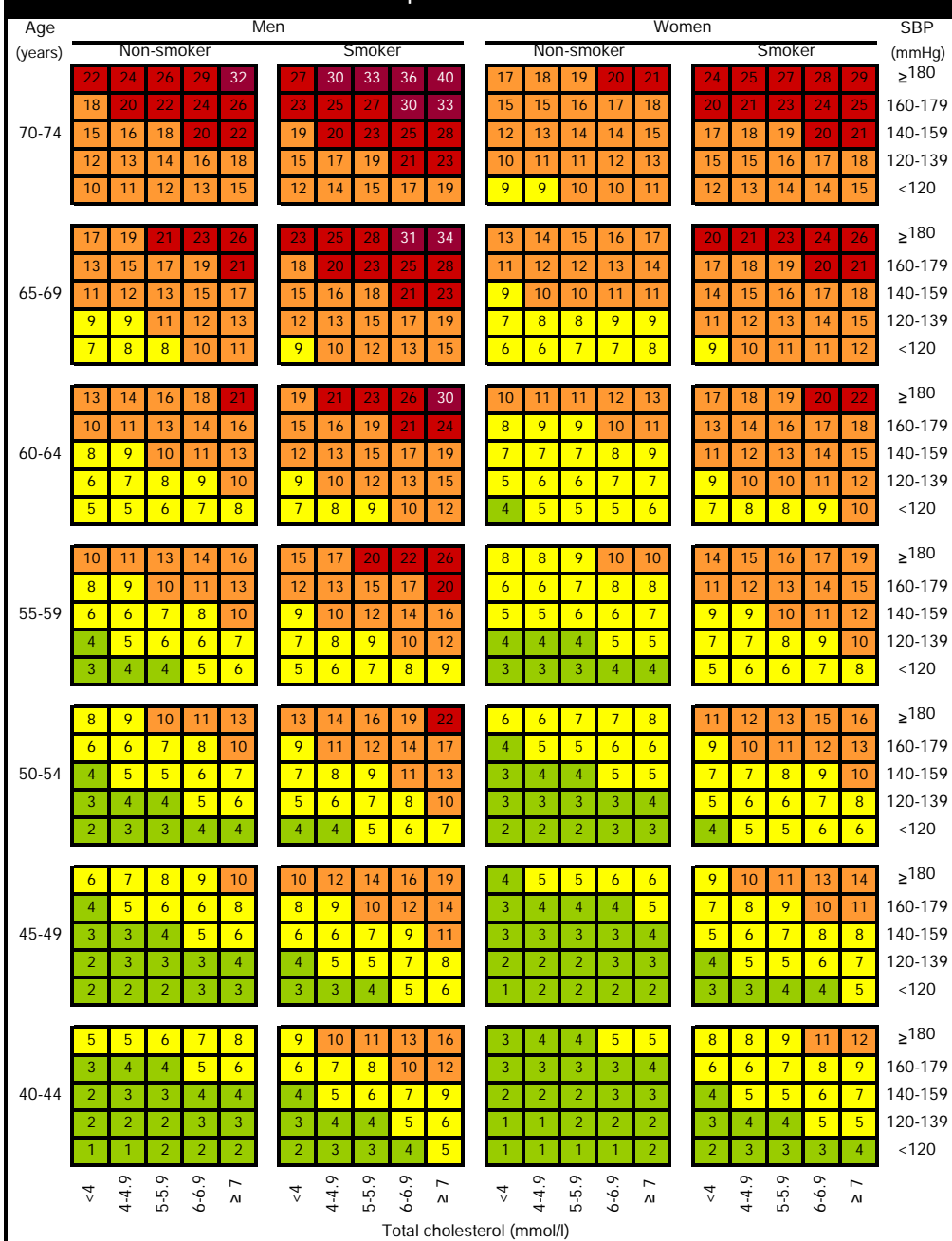
People with Diabetes



Caribbean

Risk Level <5% 5% to <10% 10% to <20% 20% to <30% ≥30%

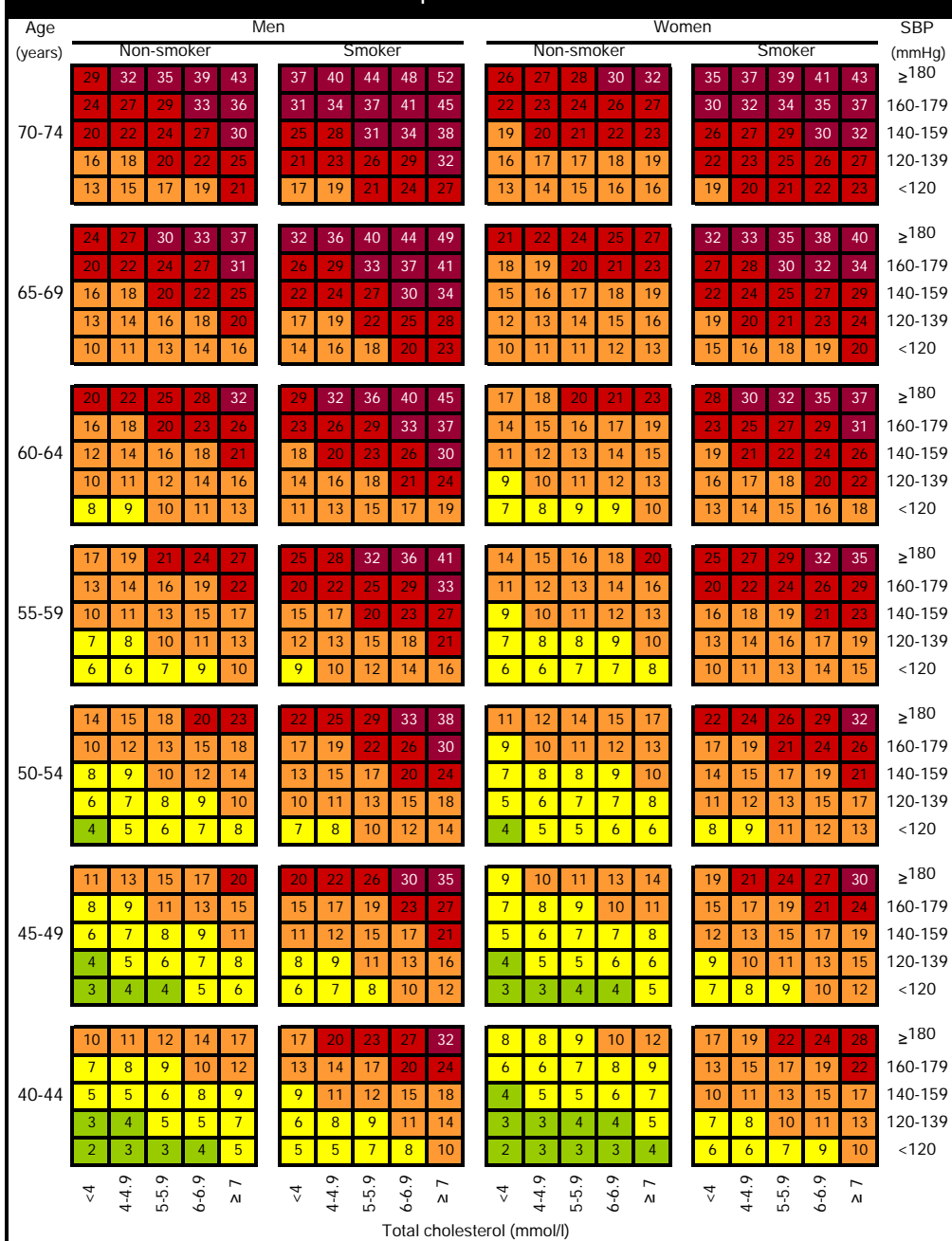
People without Diabetes



Caribbean

Risk Level <5% 5% to <10% 10% to <20% 20% to <30% ≥30%

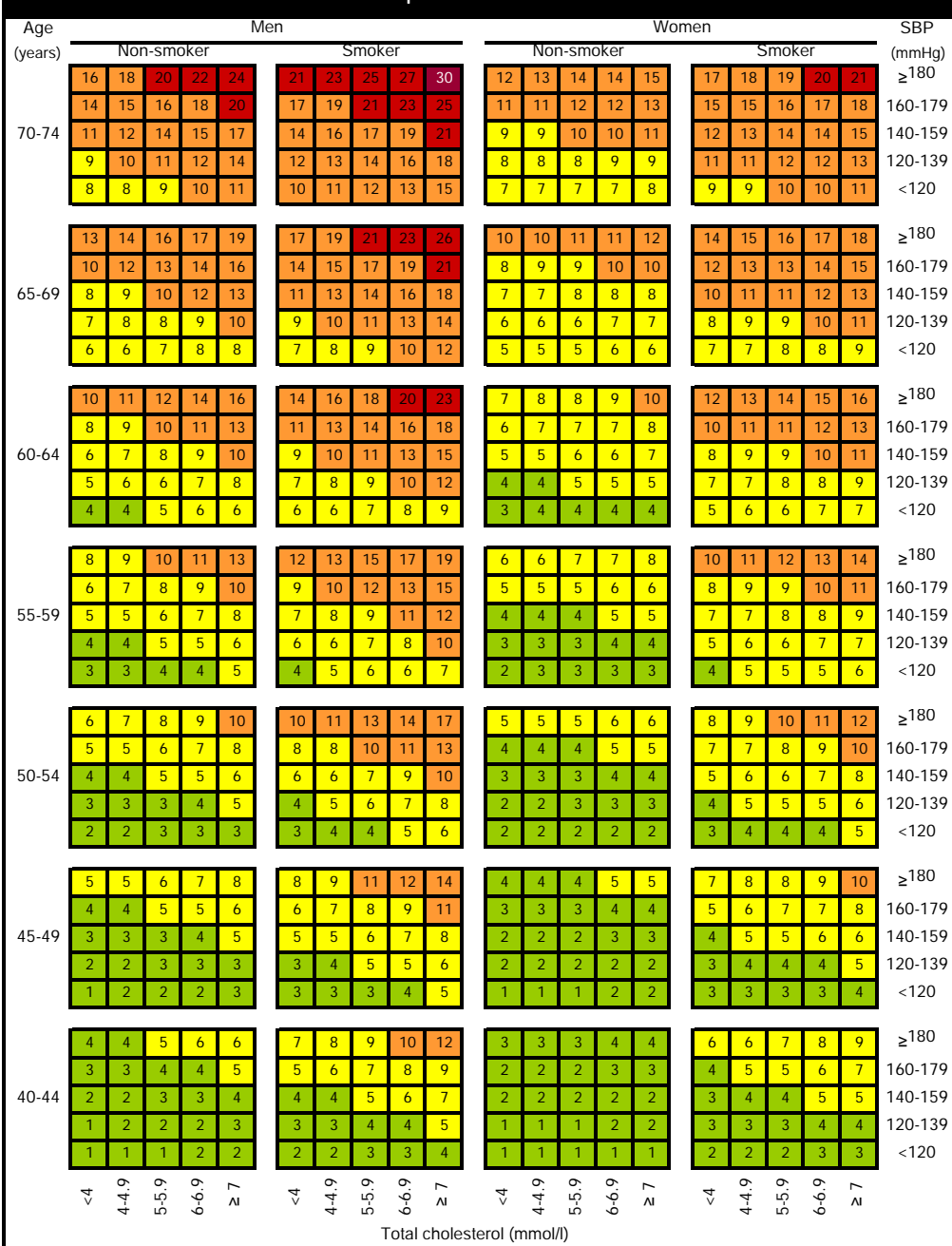
People with Diabetes



Andean Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

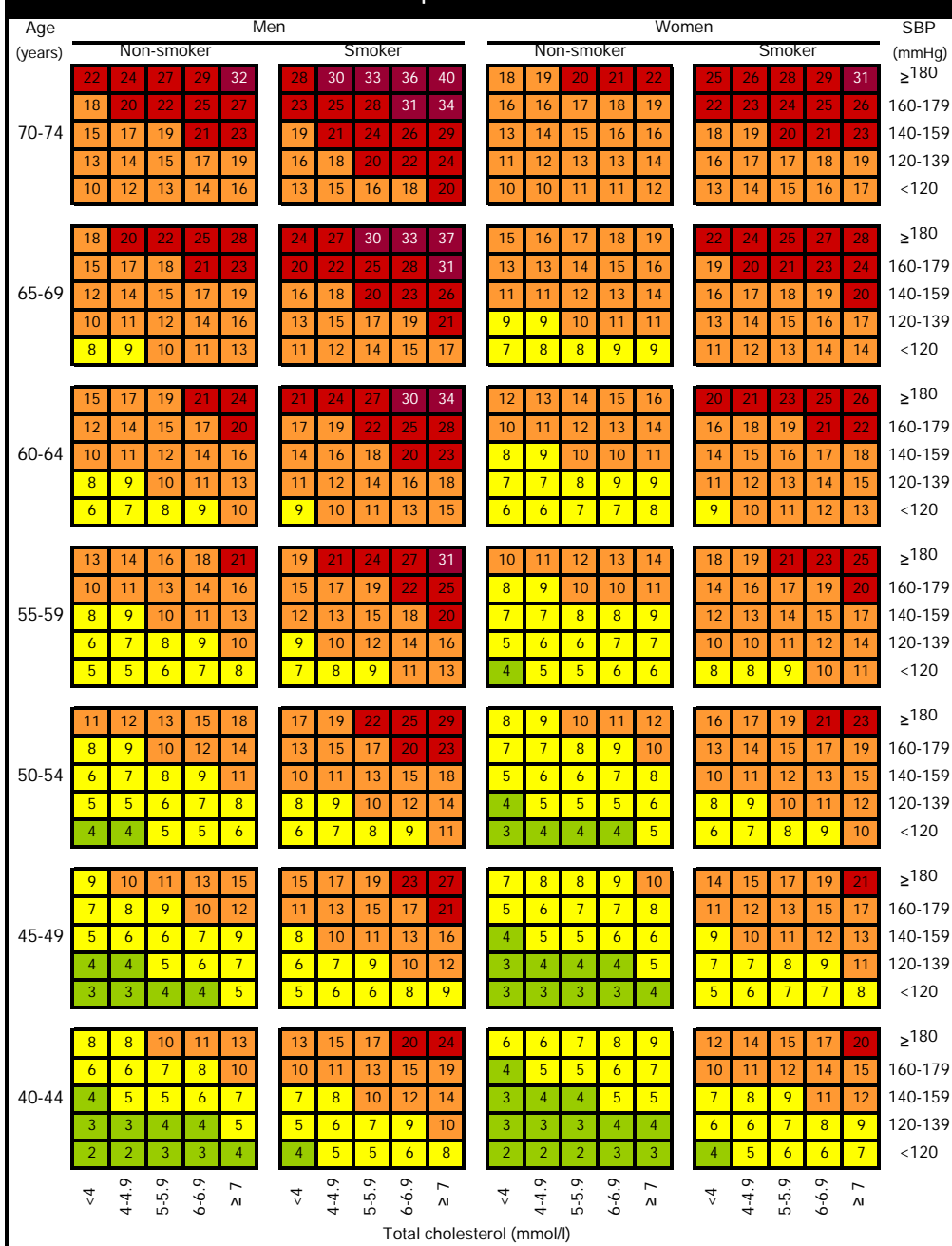
People without Diabetes



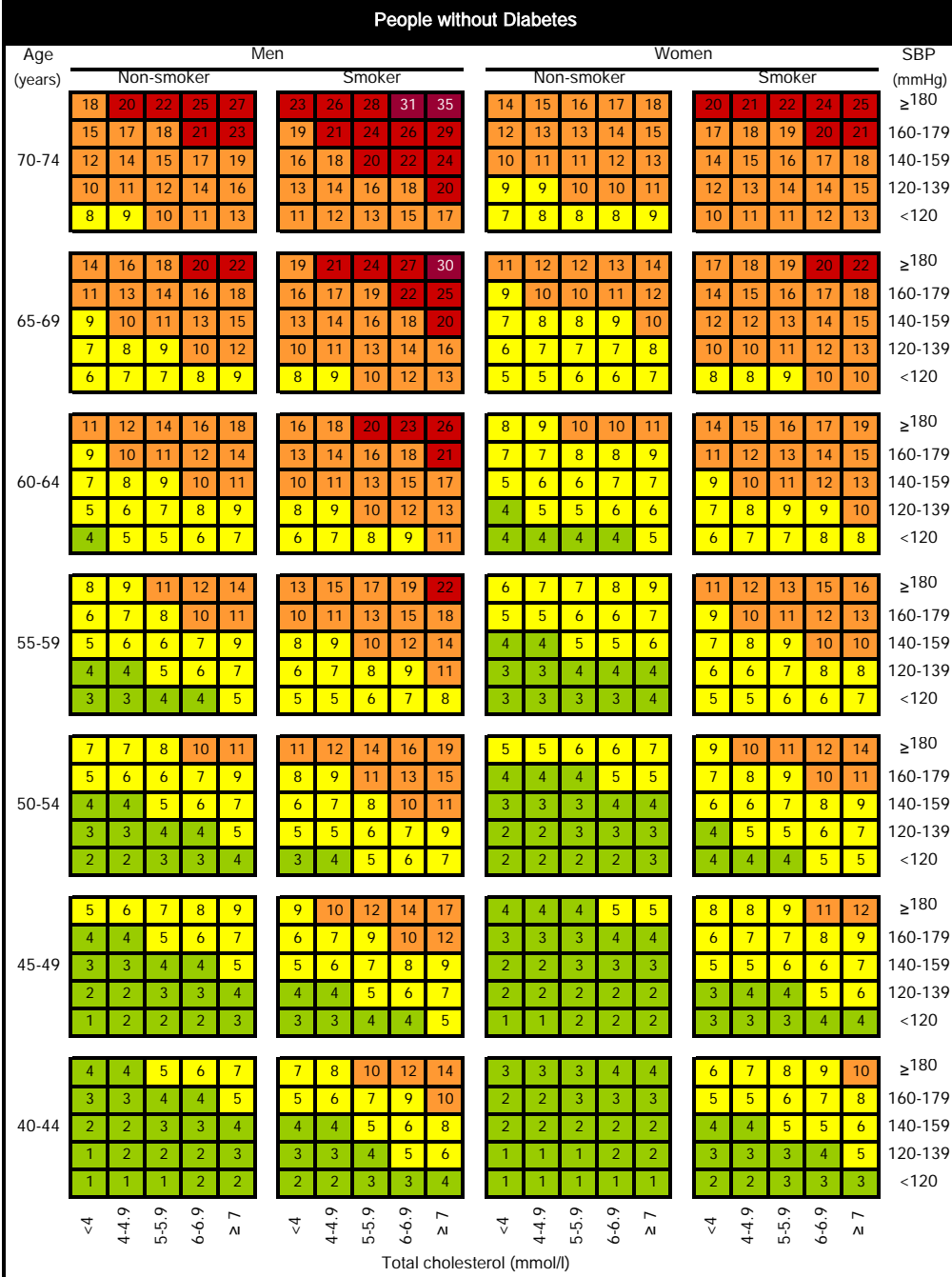
Andean Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

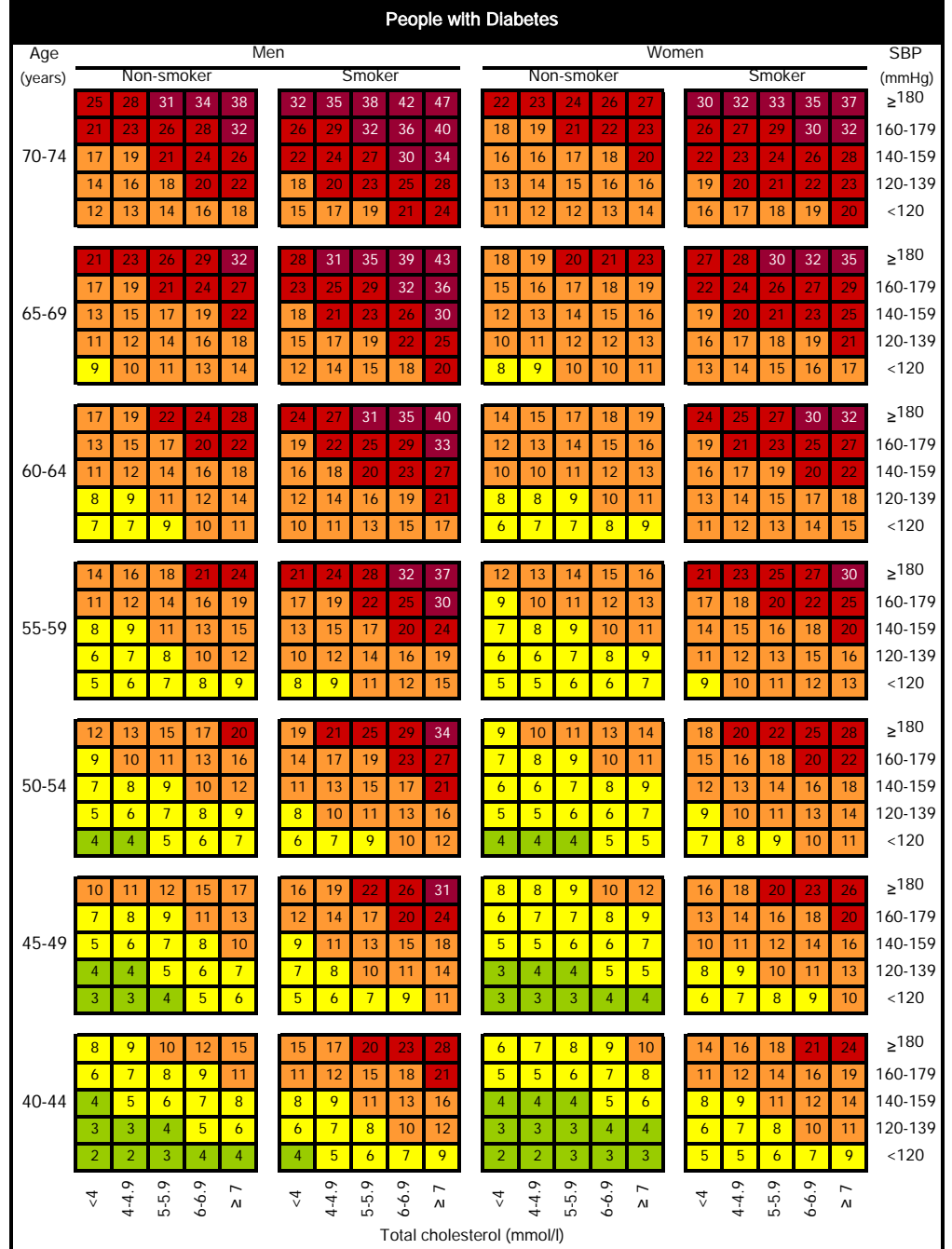
People with Diabetes



Central Latin America



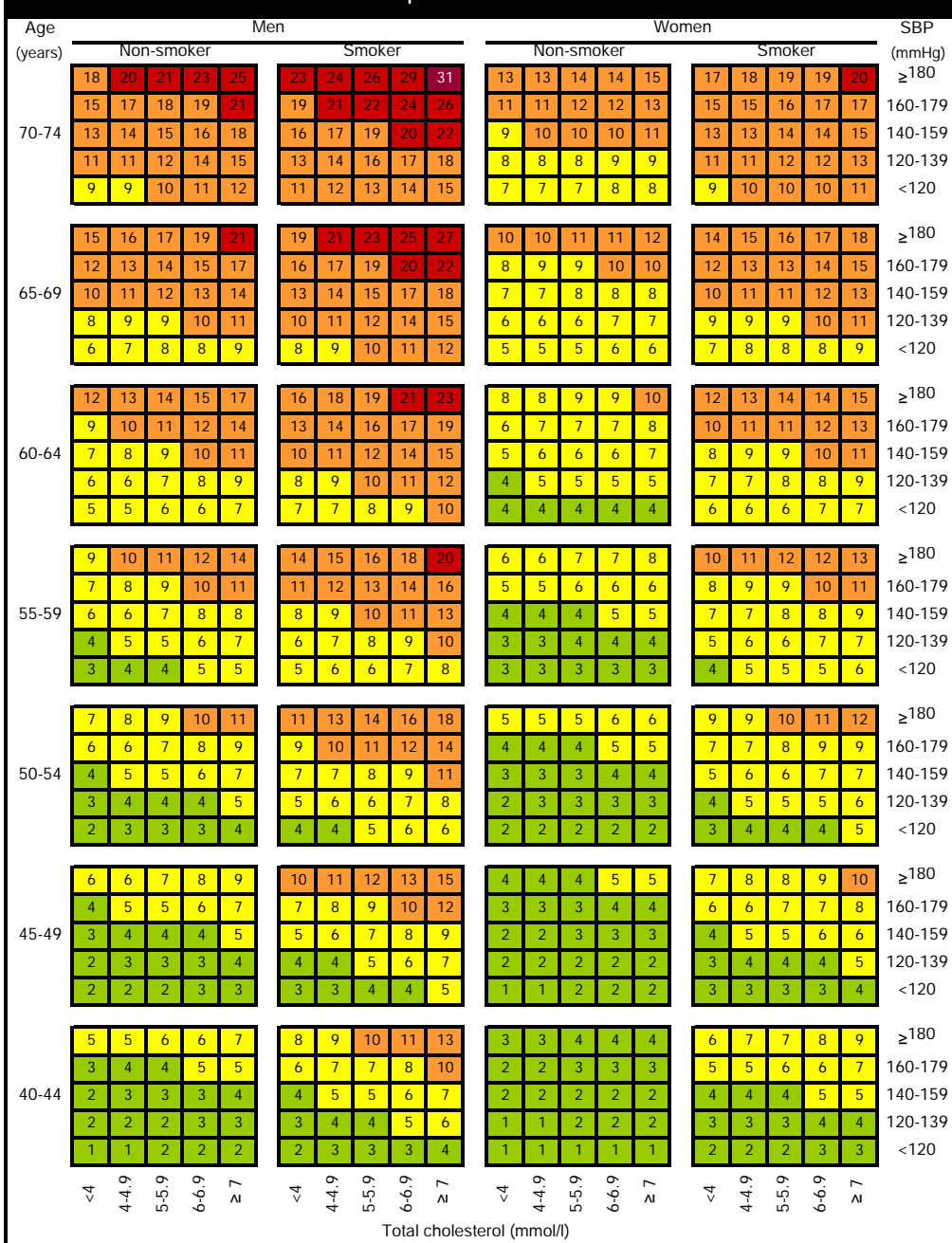
Central Latin America



Tropical Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

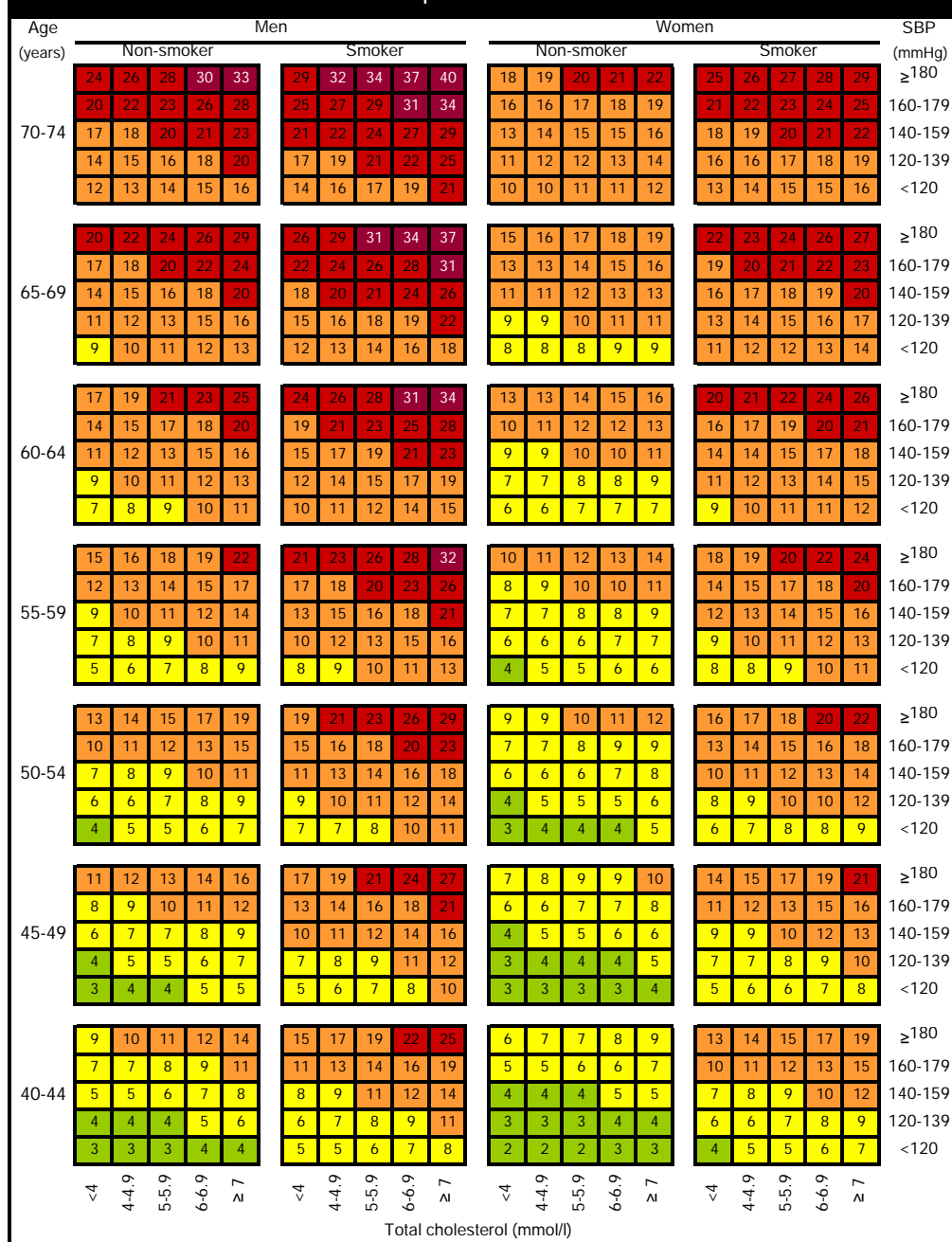
People without Diabetes



Tropical Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

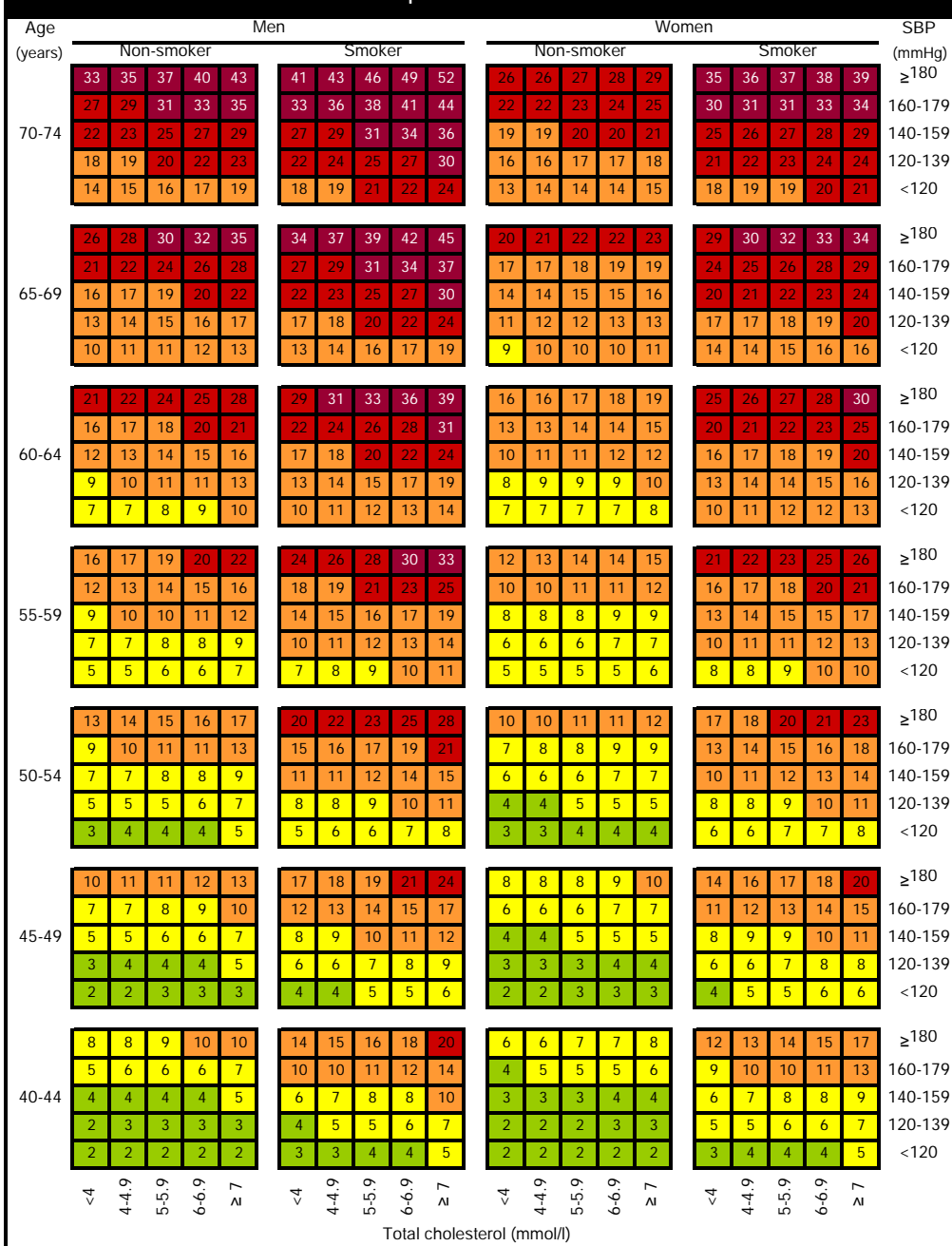
People with Diabetes



East Asia

Risk Level <5% 5% to <10% 10% to <20% 20% to <30% ≥30%

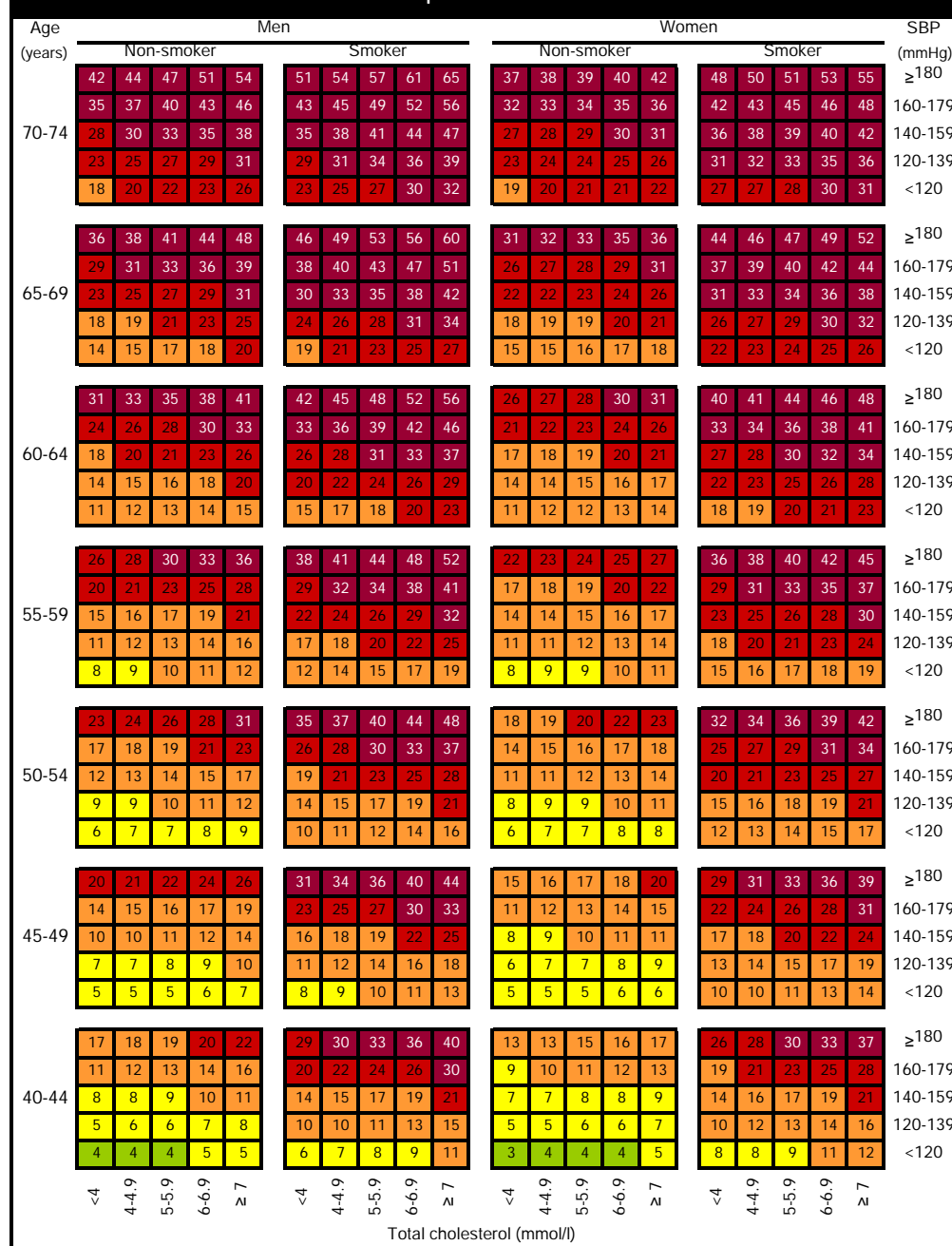
People without Diabetes



East Asia

Risk Level <5% 5% to <10% 10% to <20% 20% to <30% ≥30%

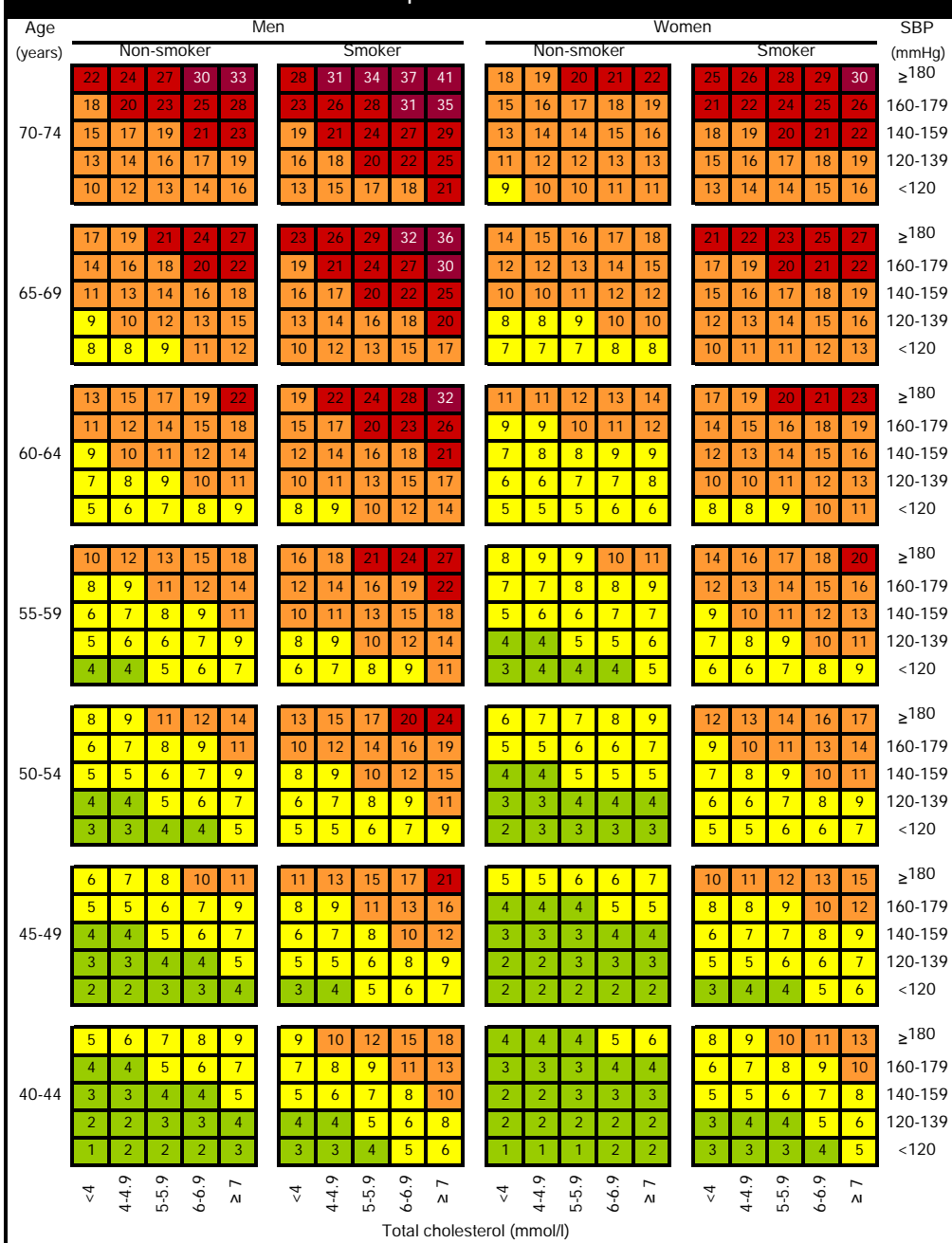
People with Diabetes



South Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

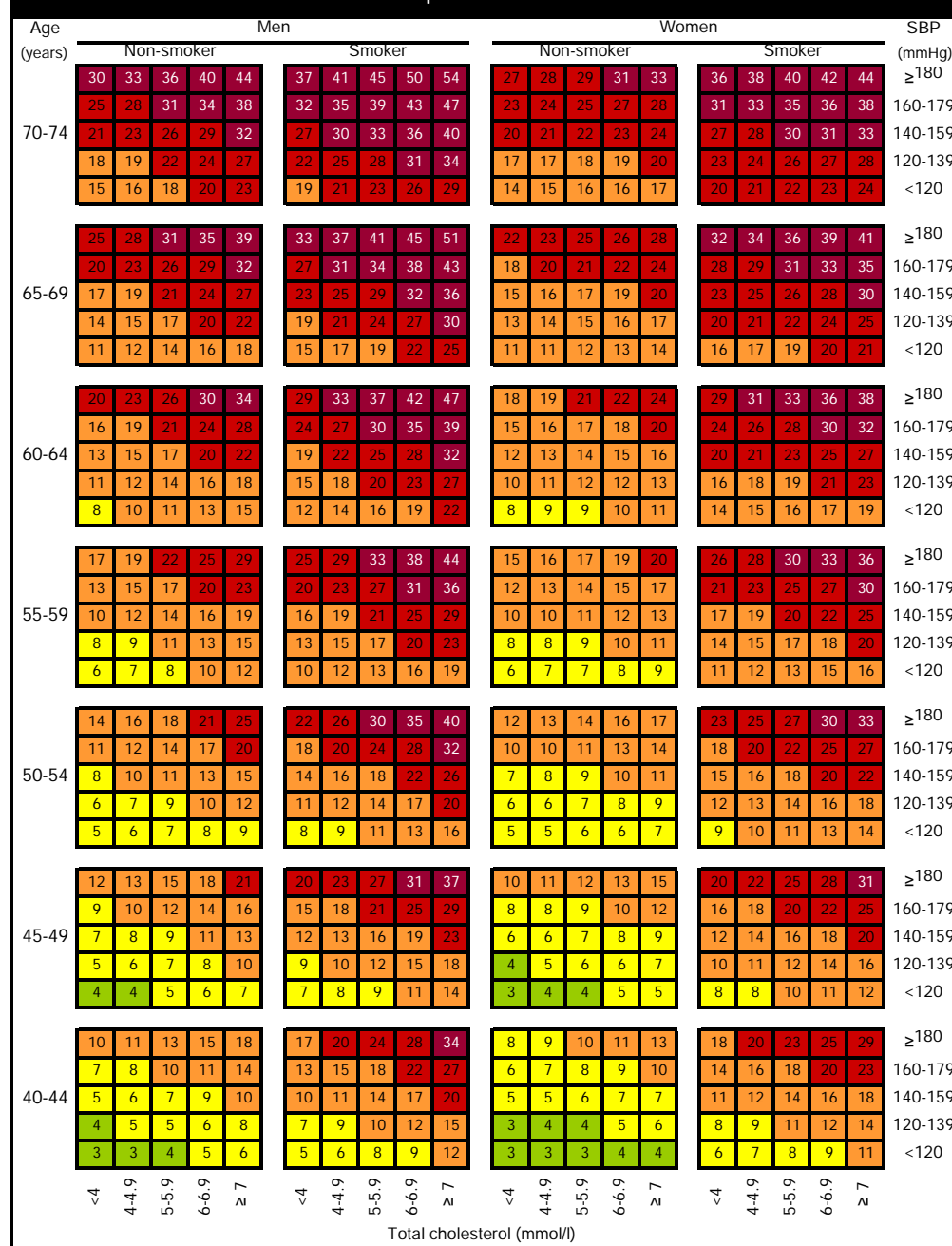
People without Diabetes



South Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

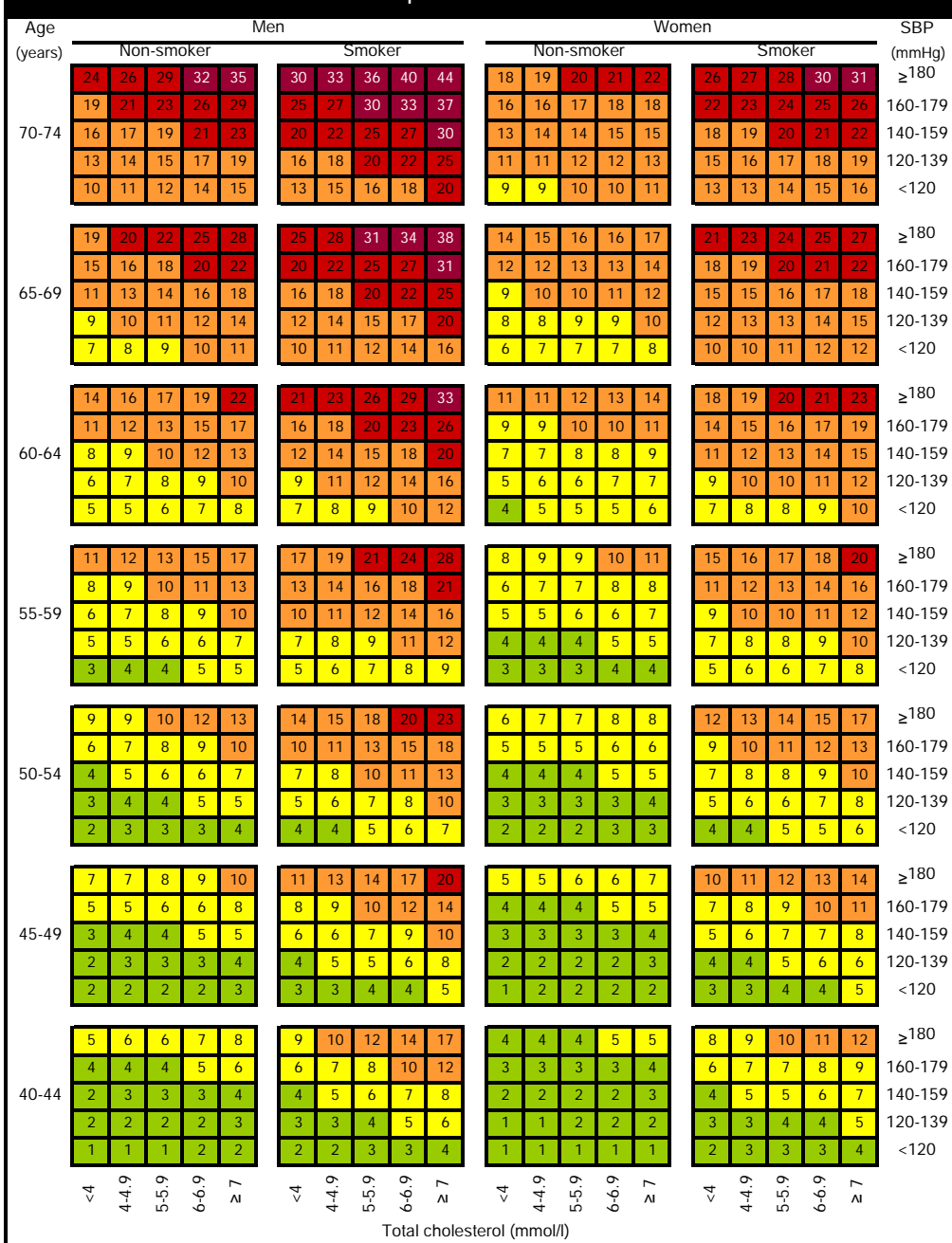
People with Diabetes



Southeast Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

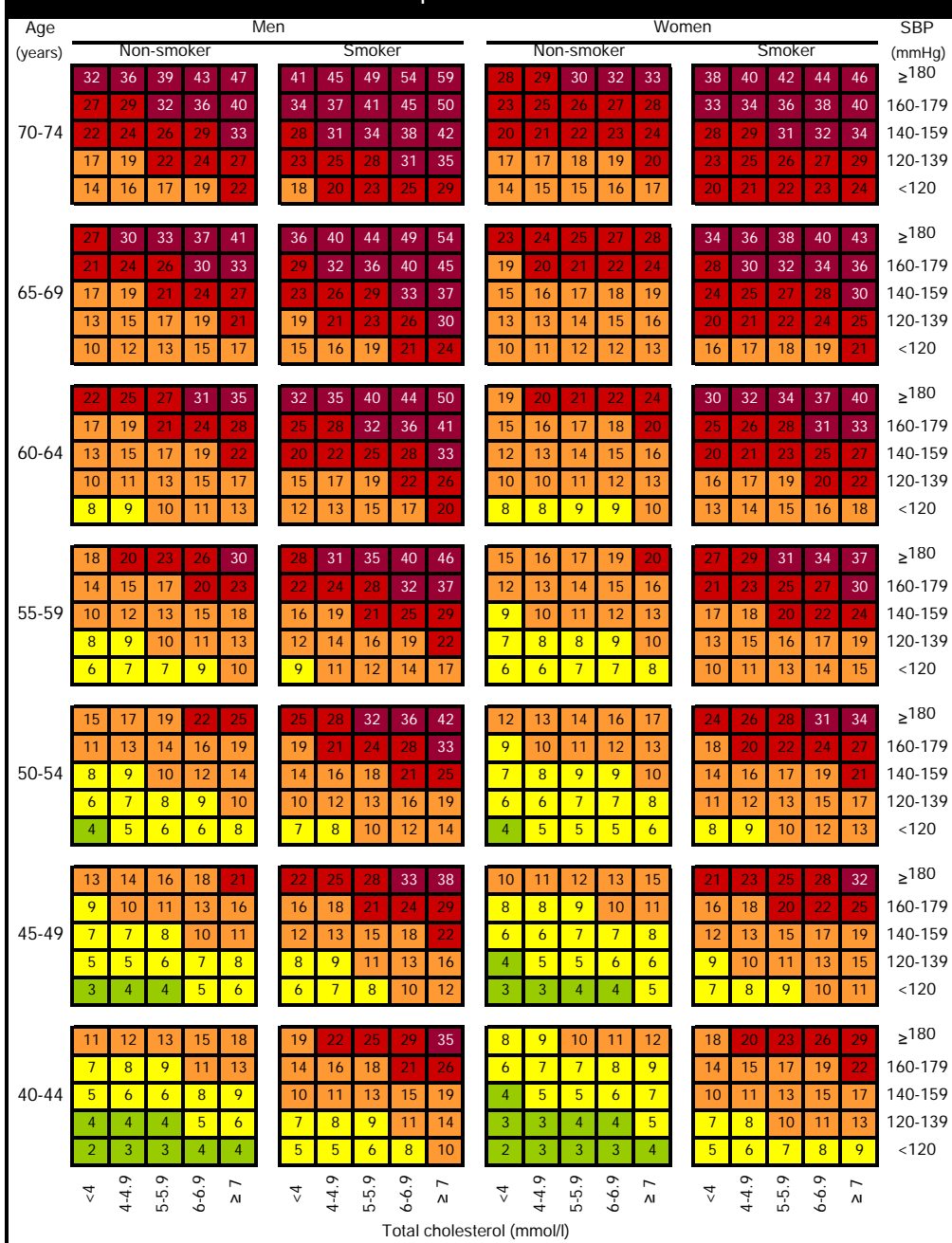
People without Diabetes



Southeast Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

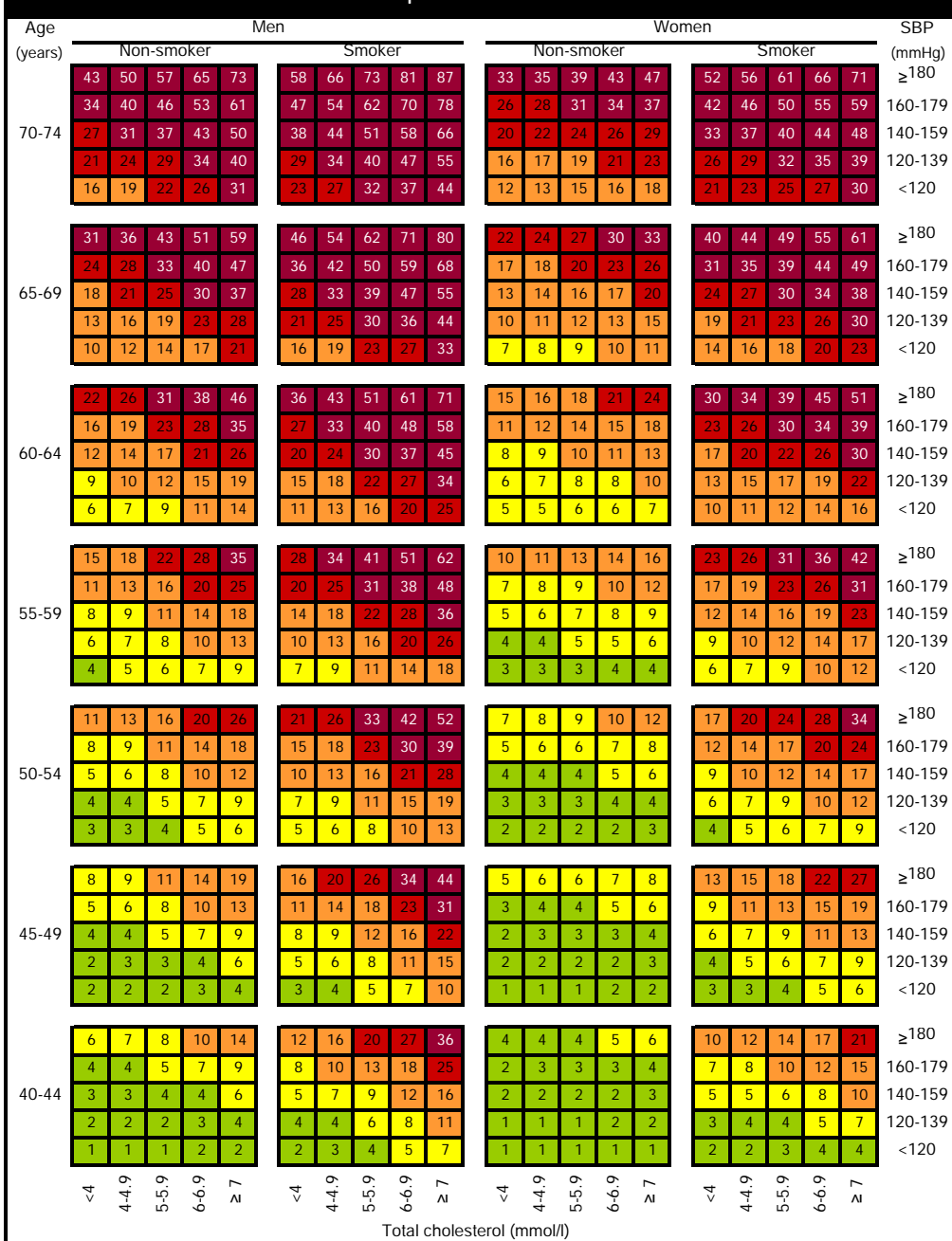
People with Diabetes



Central Asia

Risk Level <5% 5% to <10% 10% to <20% 20% to <30% ≥30%

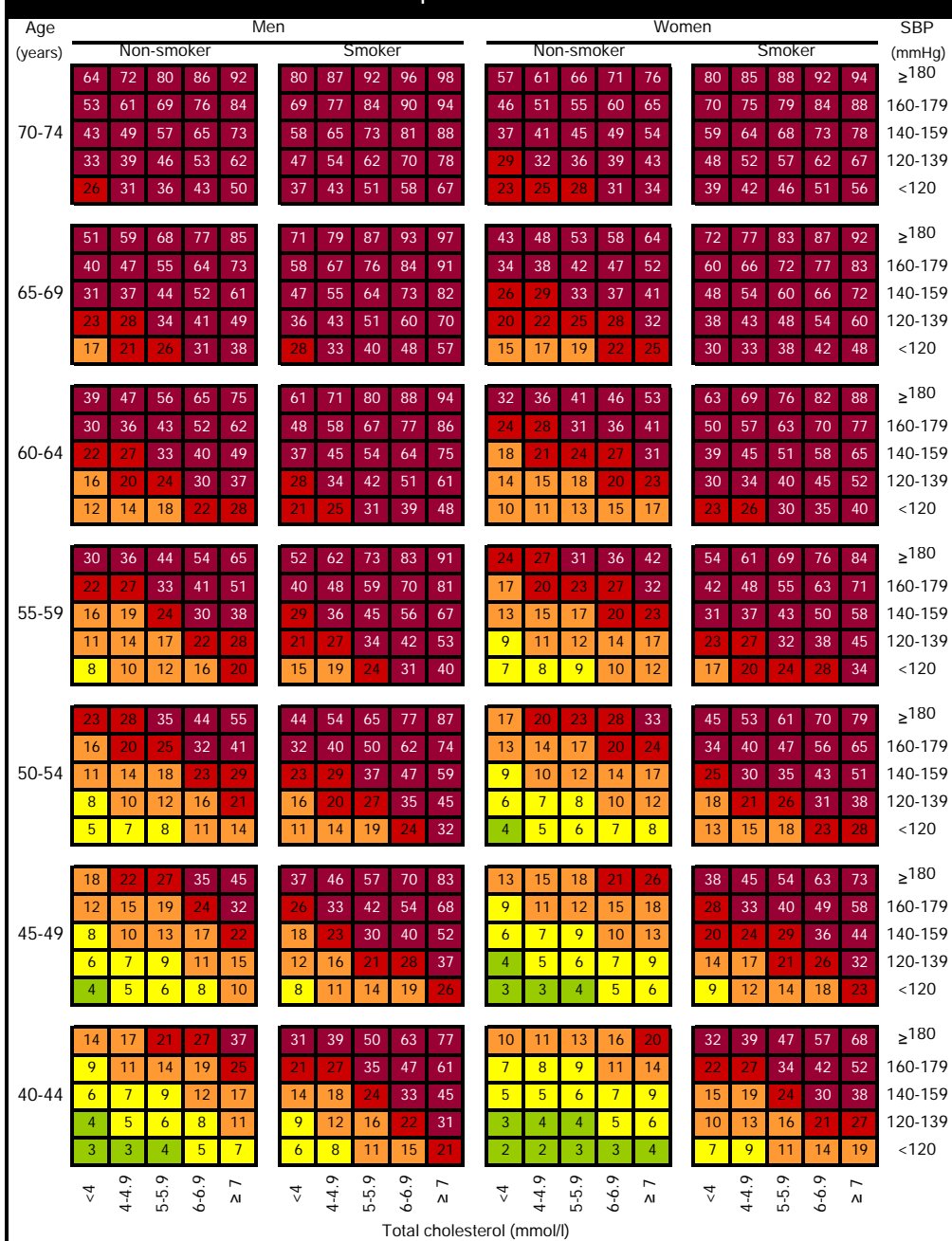
People without Diabetes



Central Asia

Risk Level <5% 5% to <10% 10% to <20% 20% to <30% ≥30%

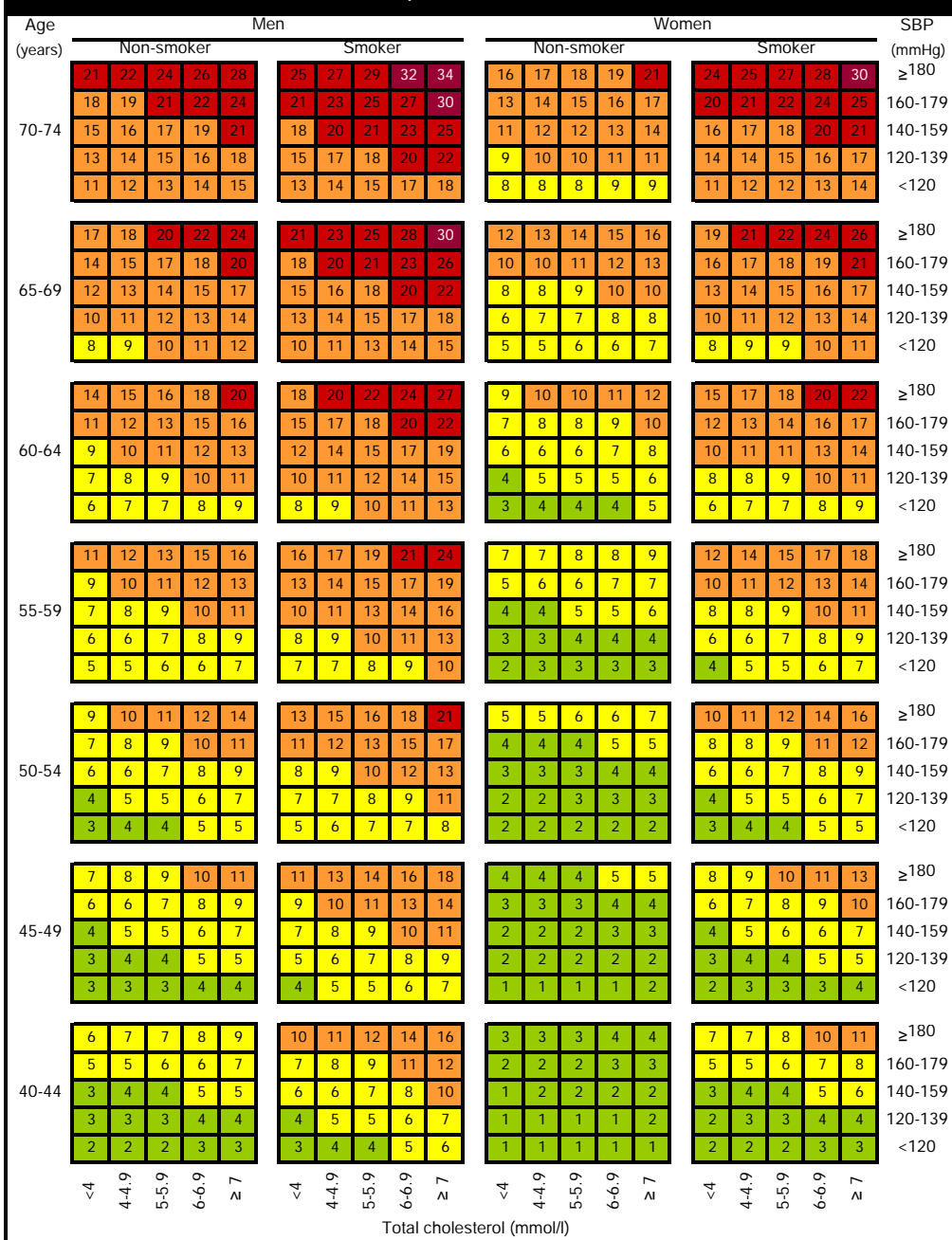
People with Diabetes



High-income Asia Pacific

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

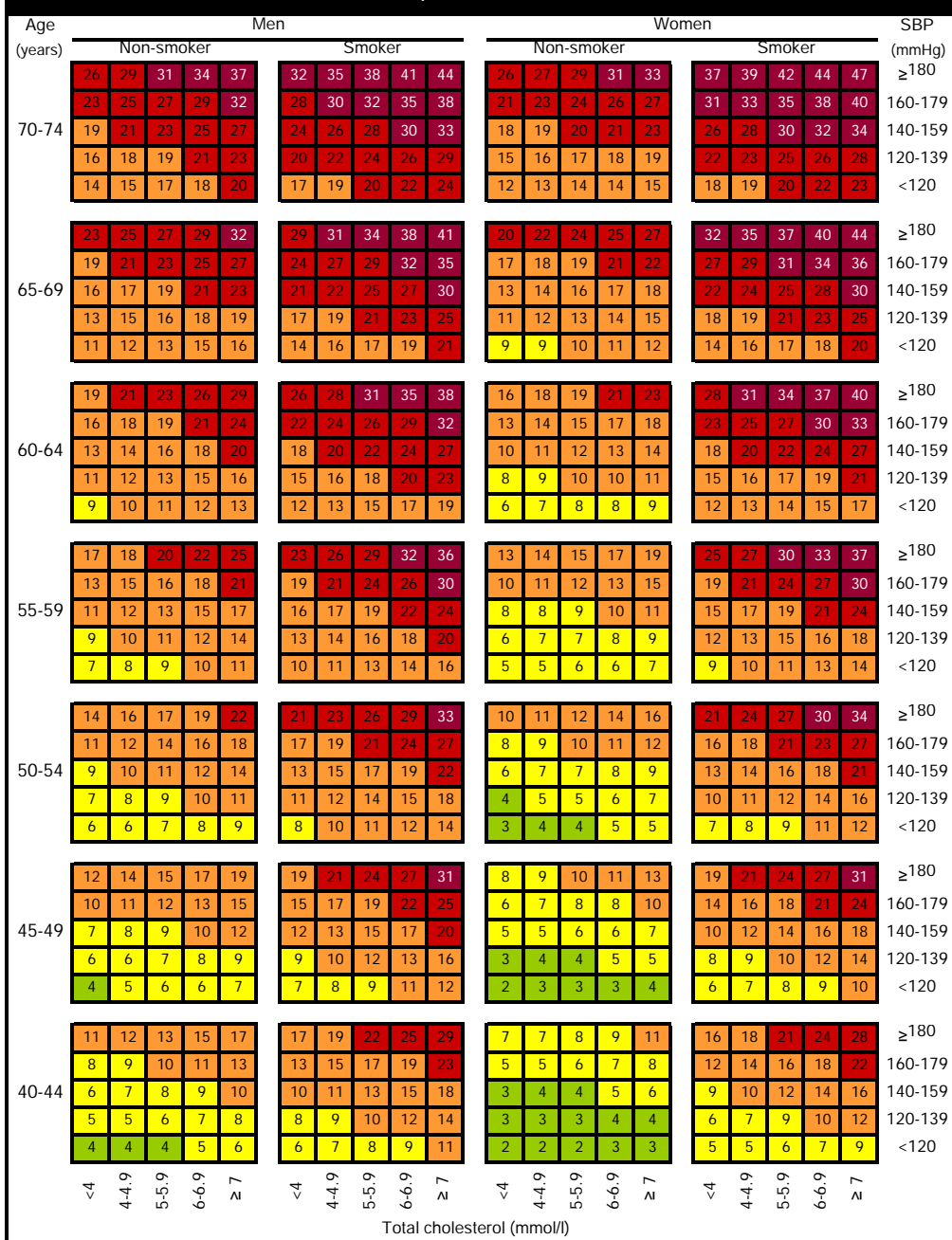
People without Diabetes



High-income Asia Pacific

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

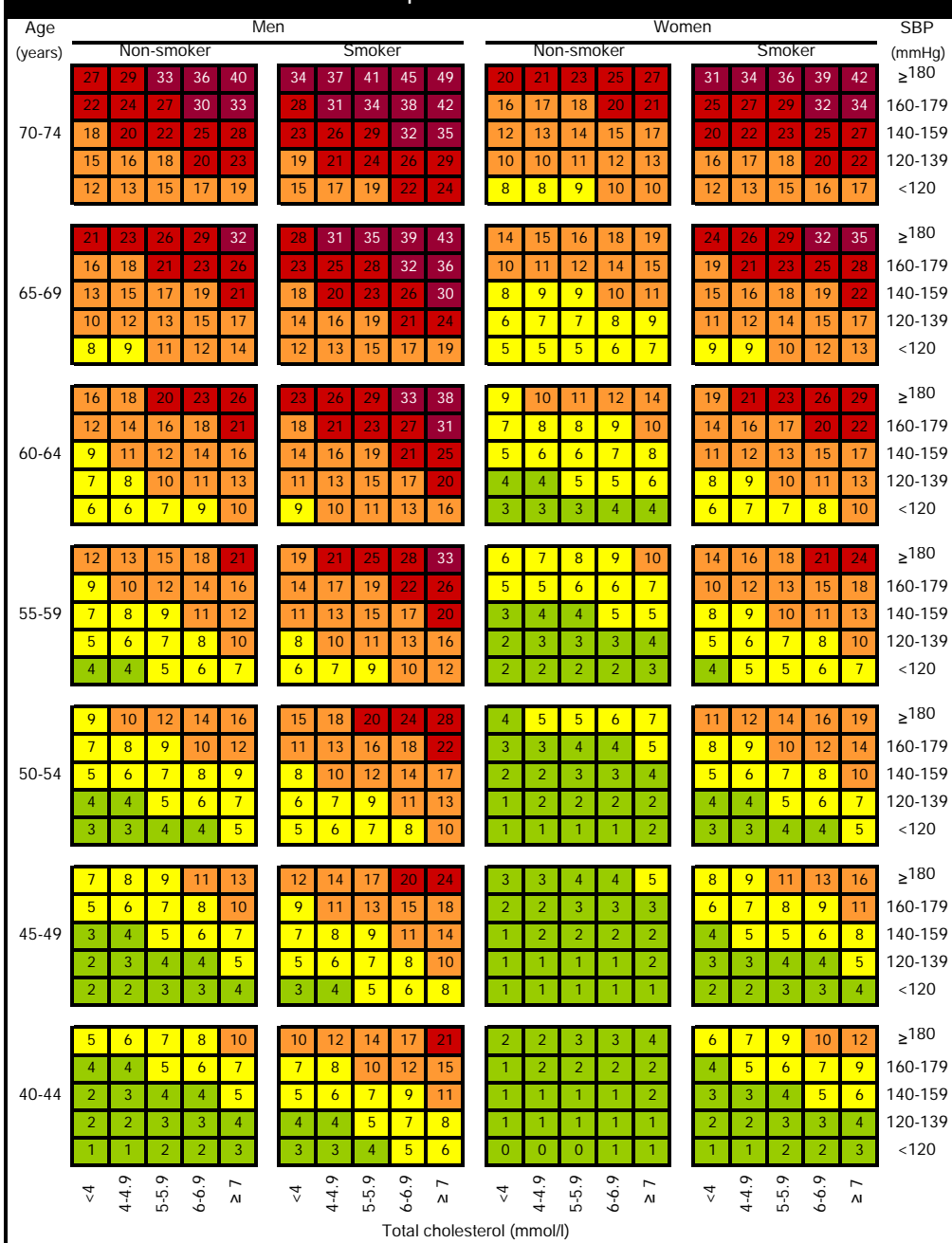
People with Diabetes



Western Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

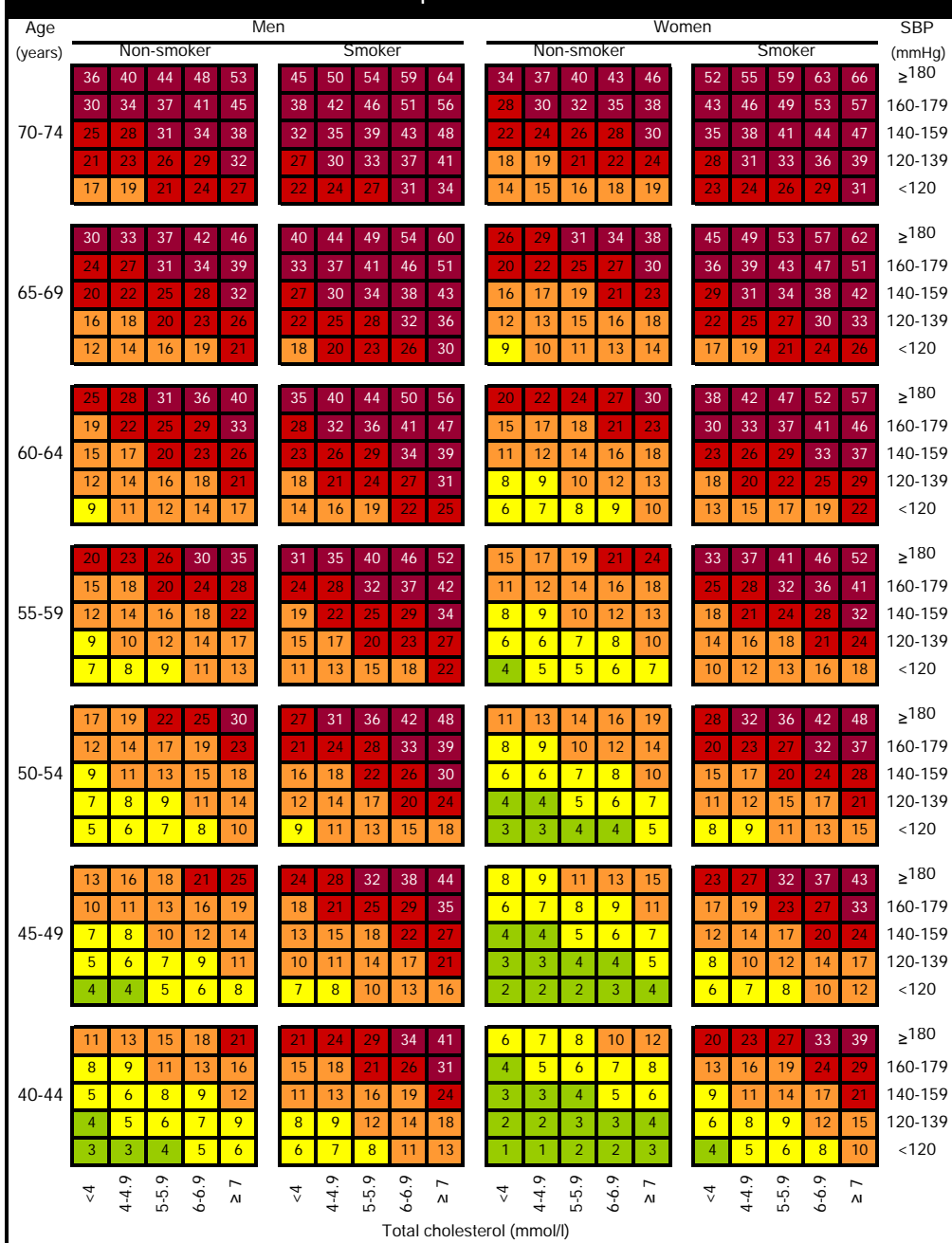
People without Diabetes



Western Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

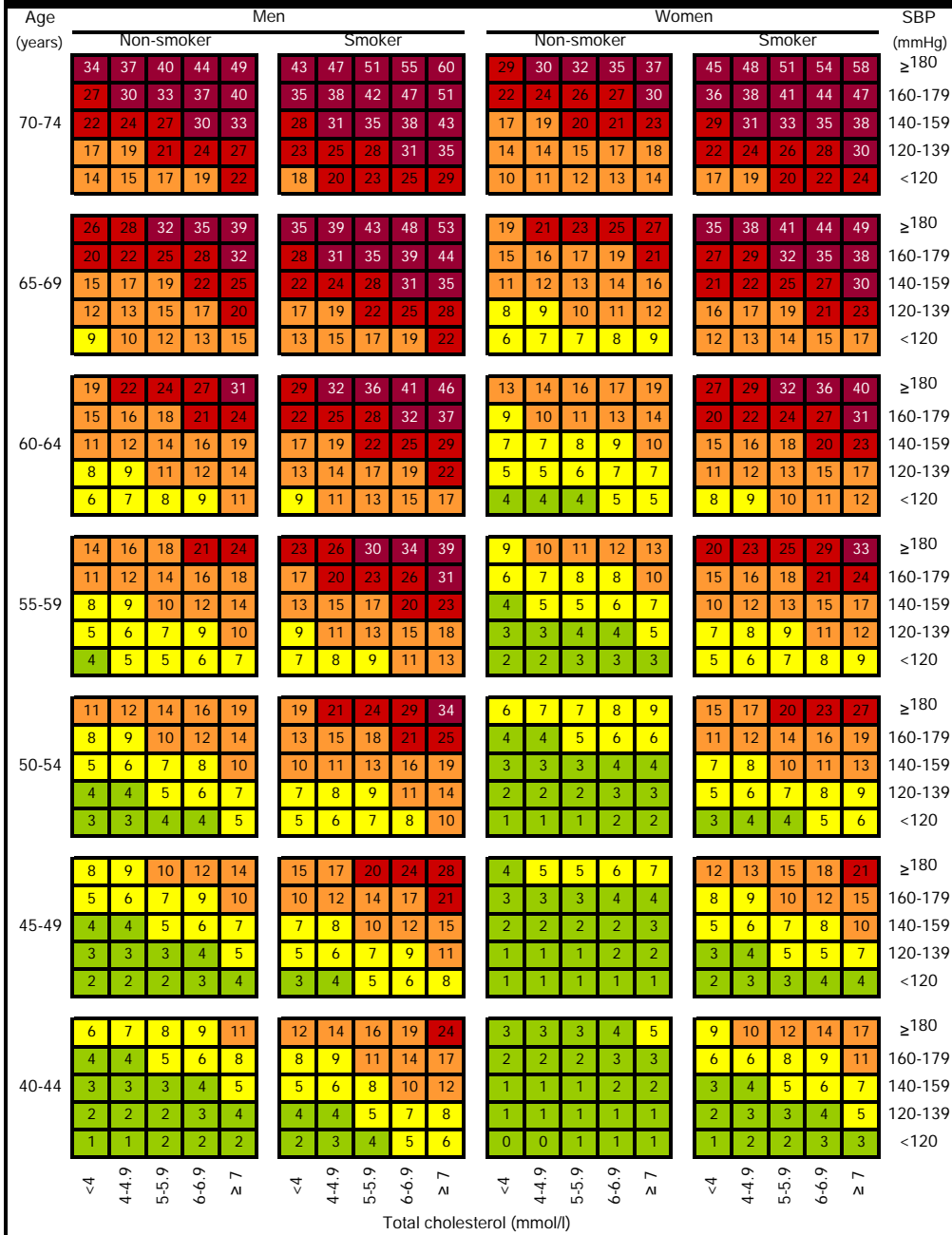
People with Diabetes



Central Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

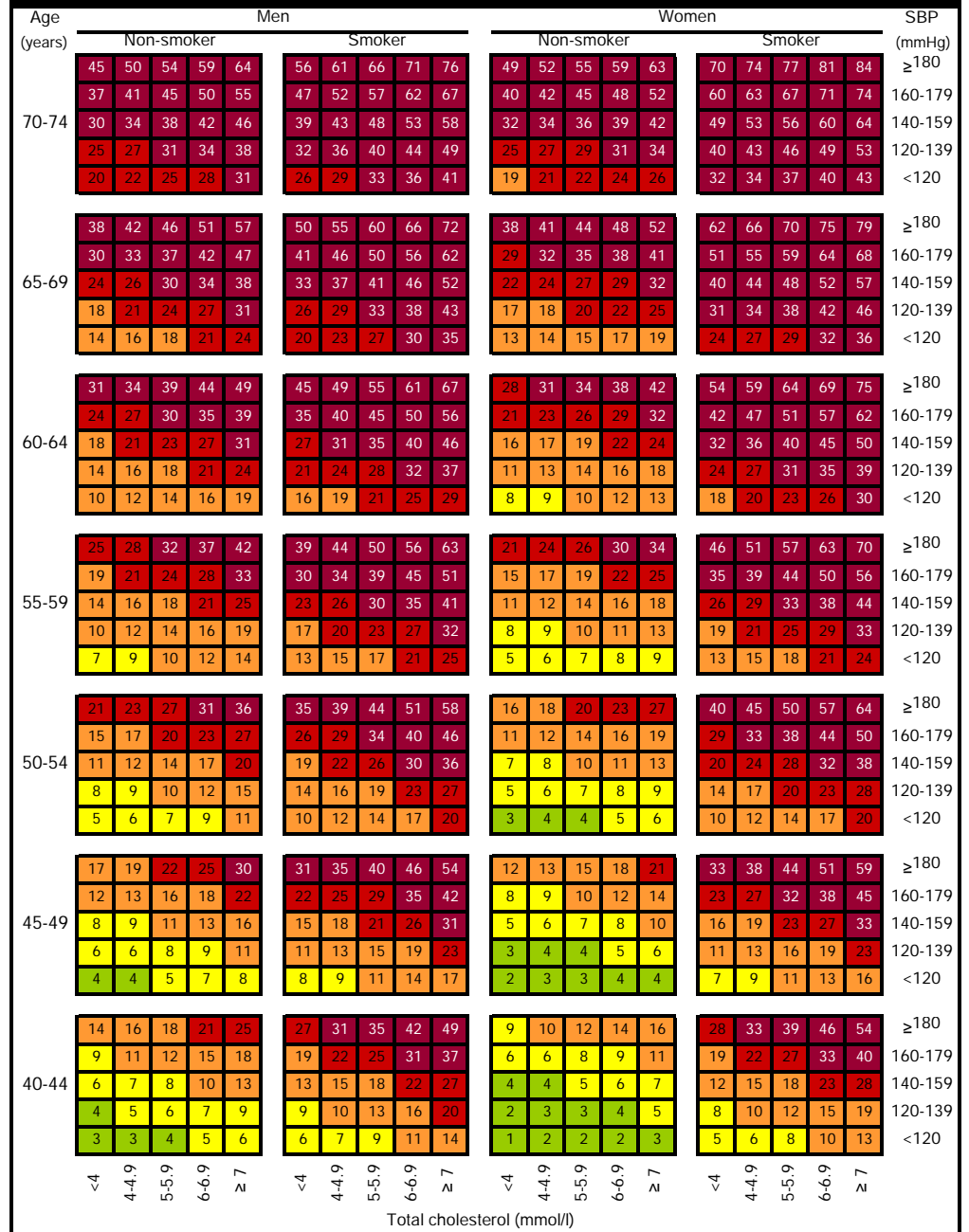
People without Diabetes



Central Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

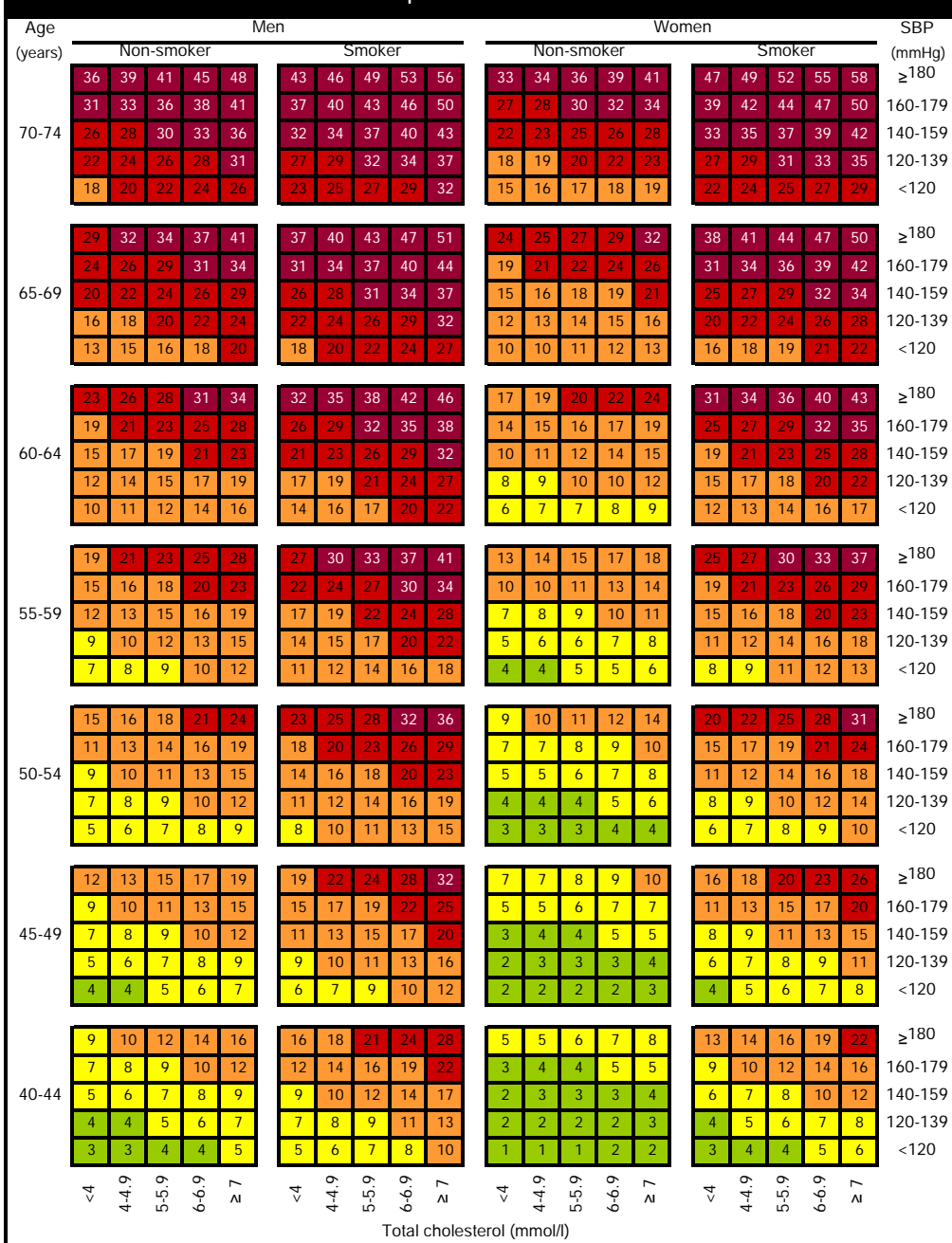
People with Diabetes



Eastern Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

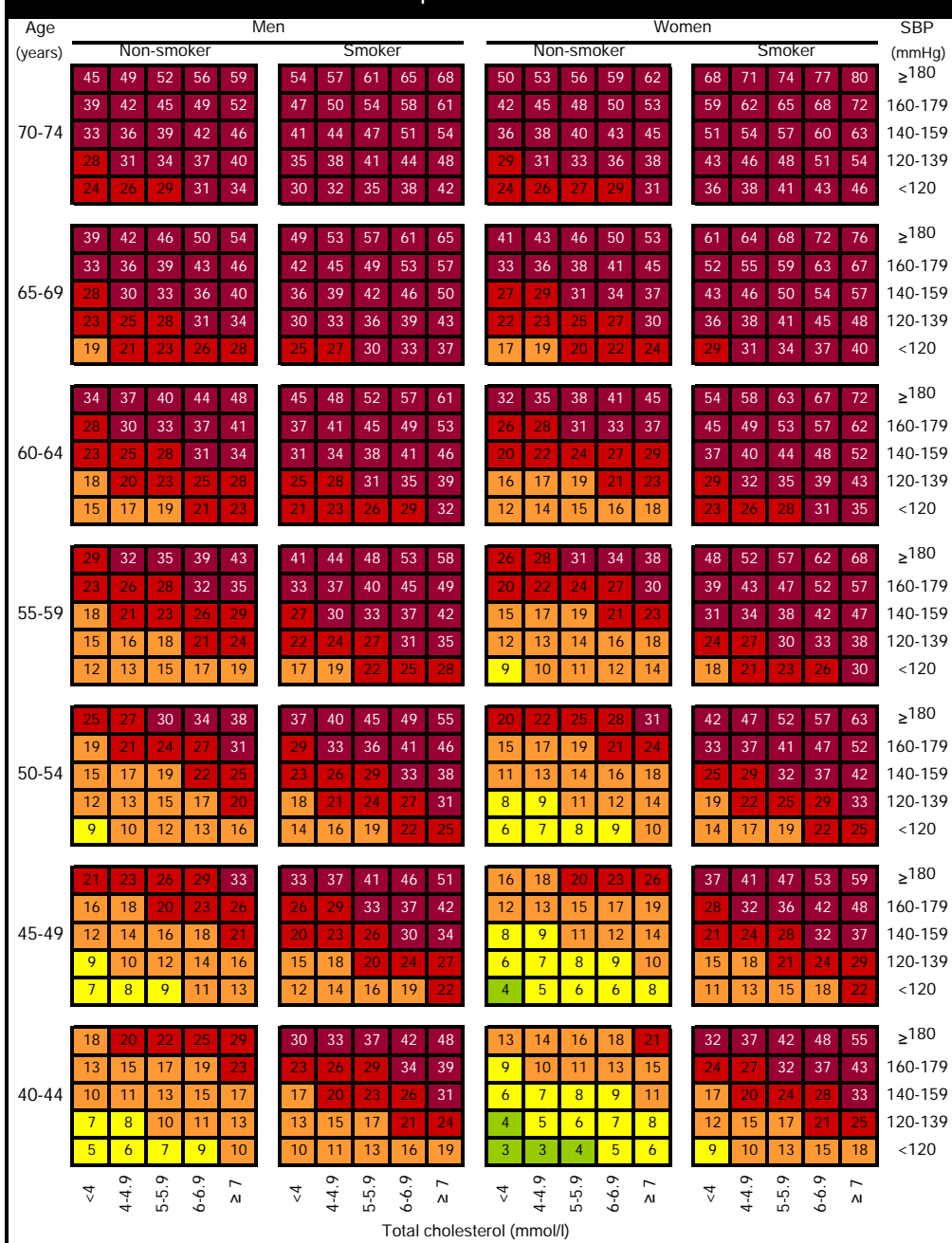
People without Diabetes



Eastern Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

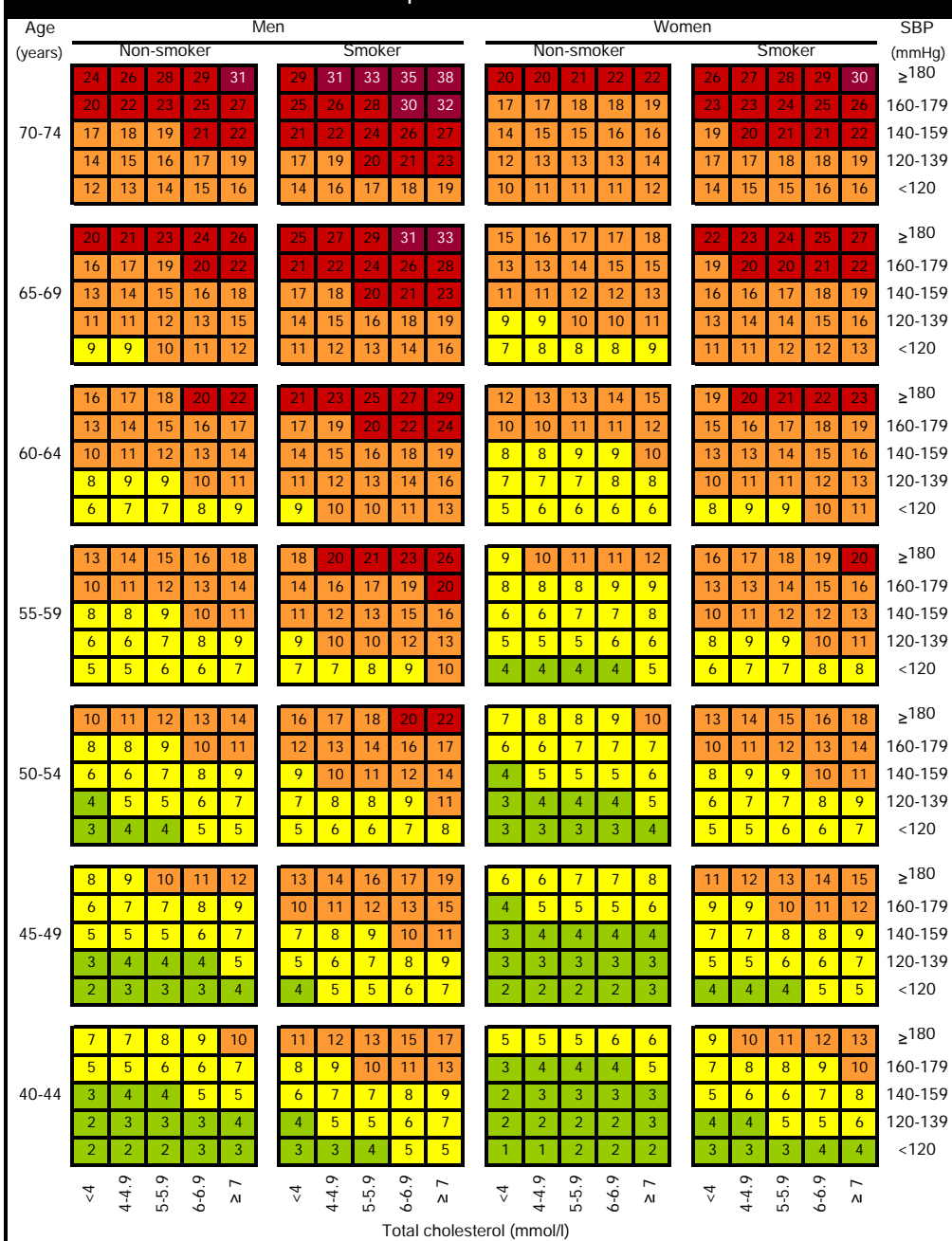
People with Diabetes



Oceania

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

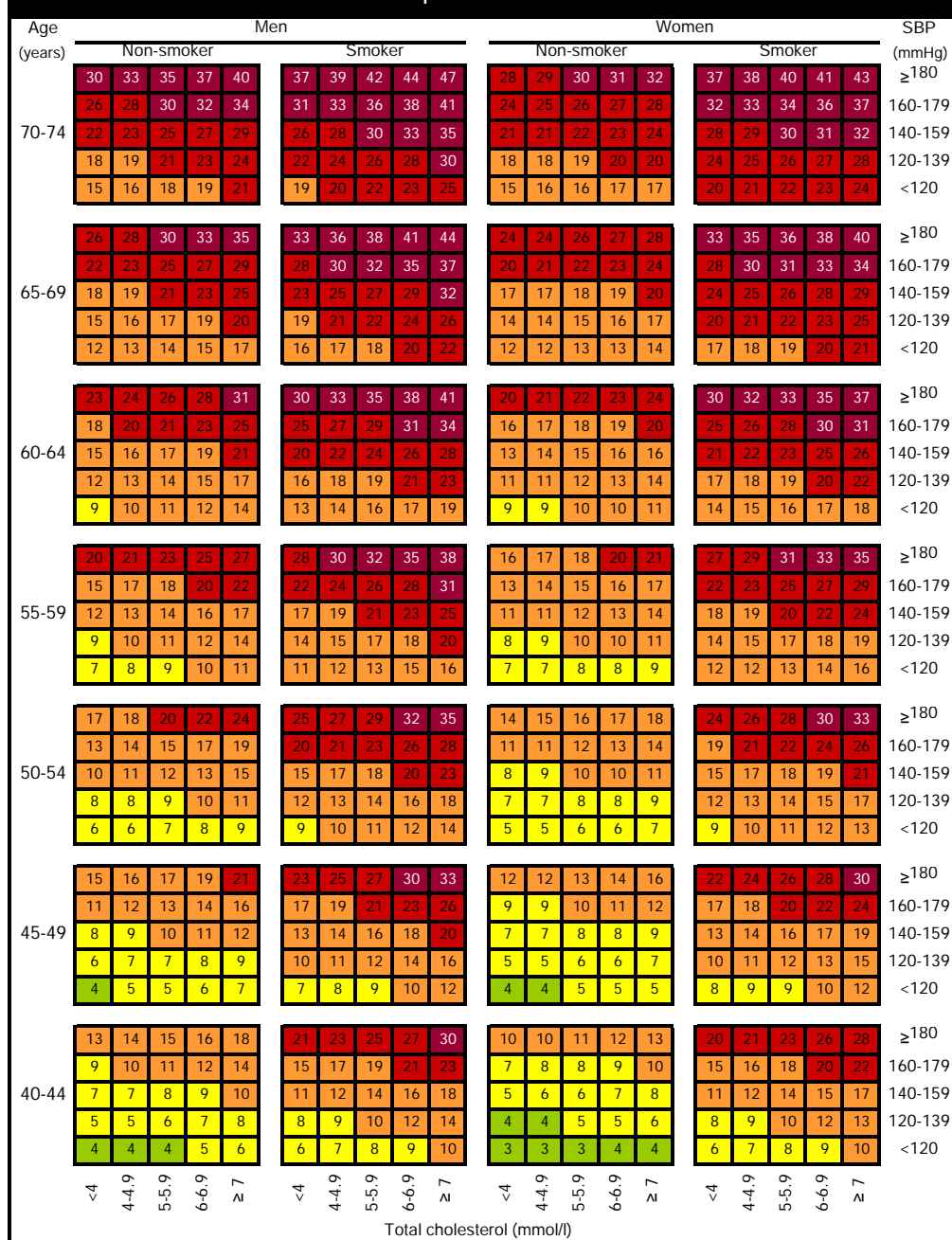
People without Diabetes



Oceania

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

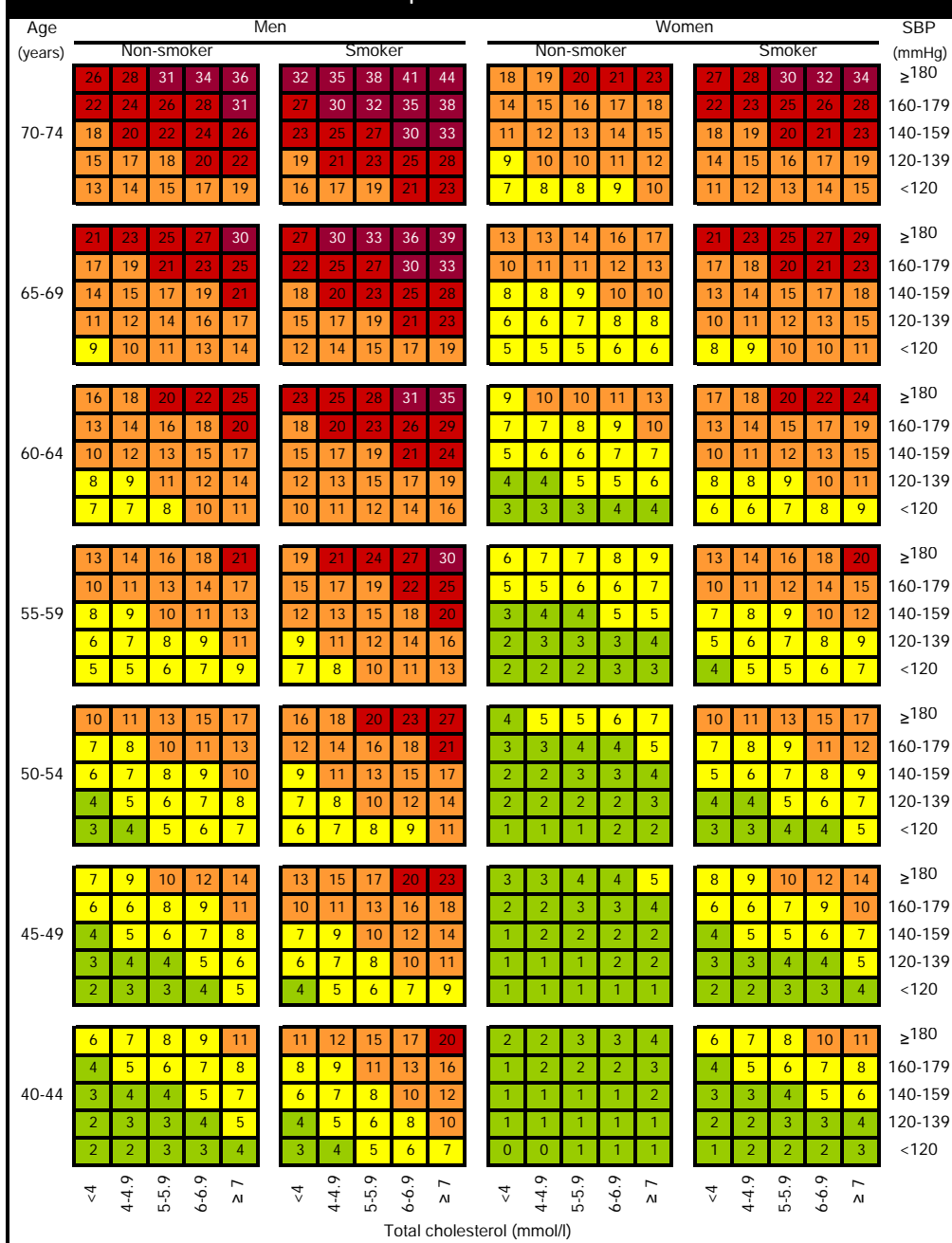
People with Diabetes



Australasia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

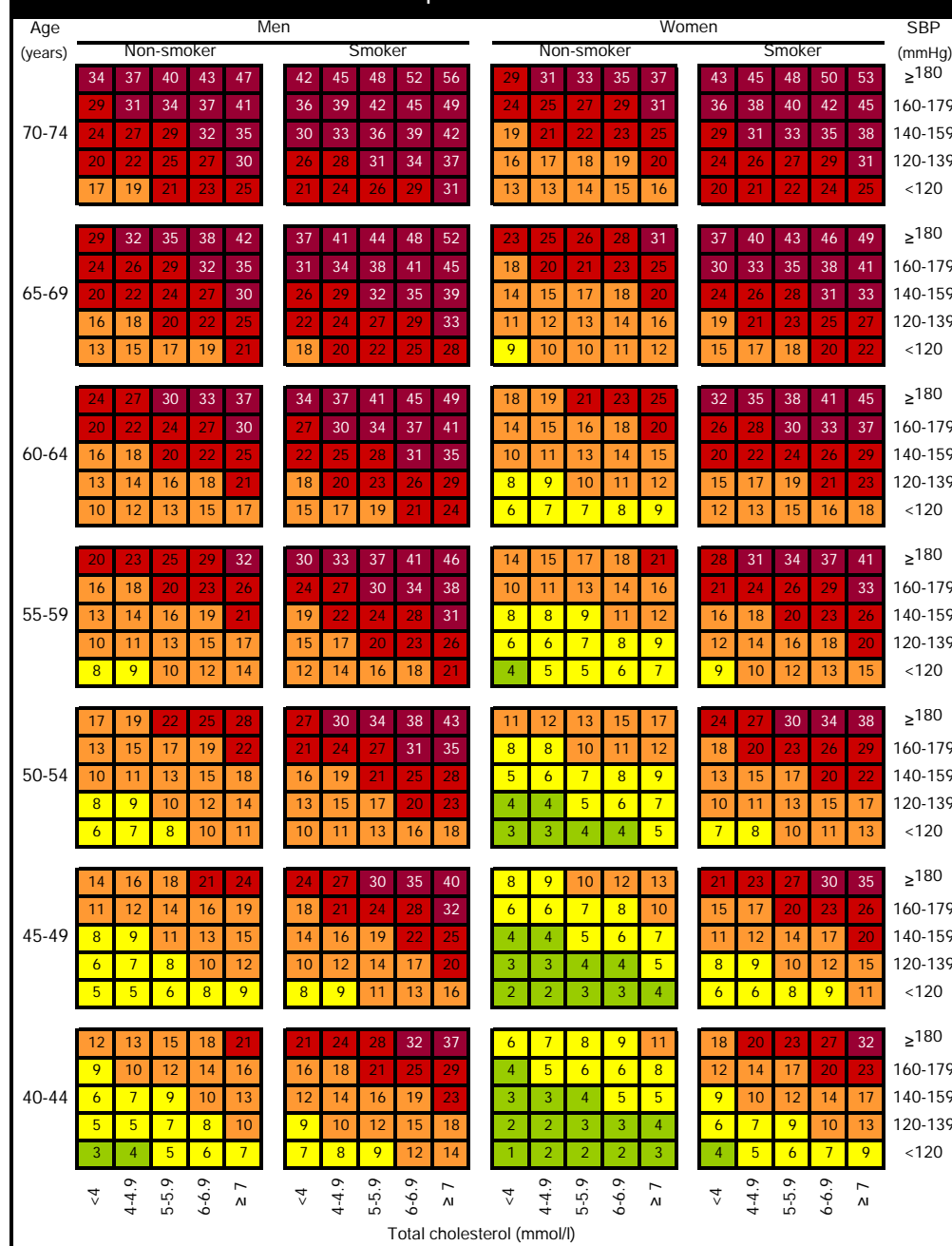
People without Diabetes



Australasia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

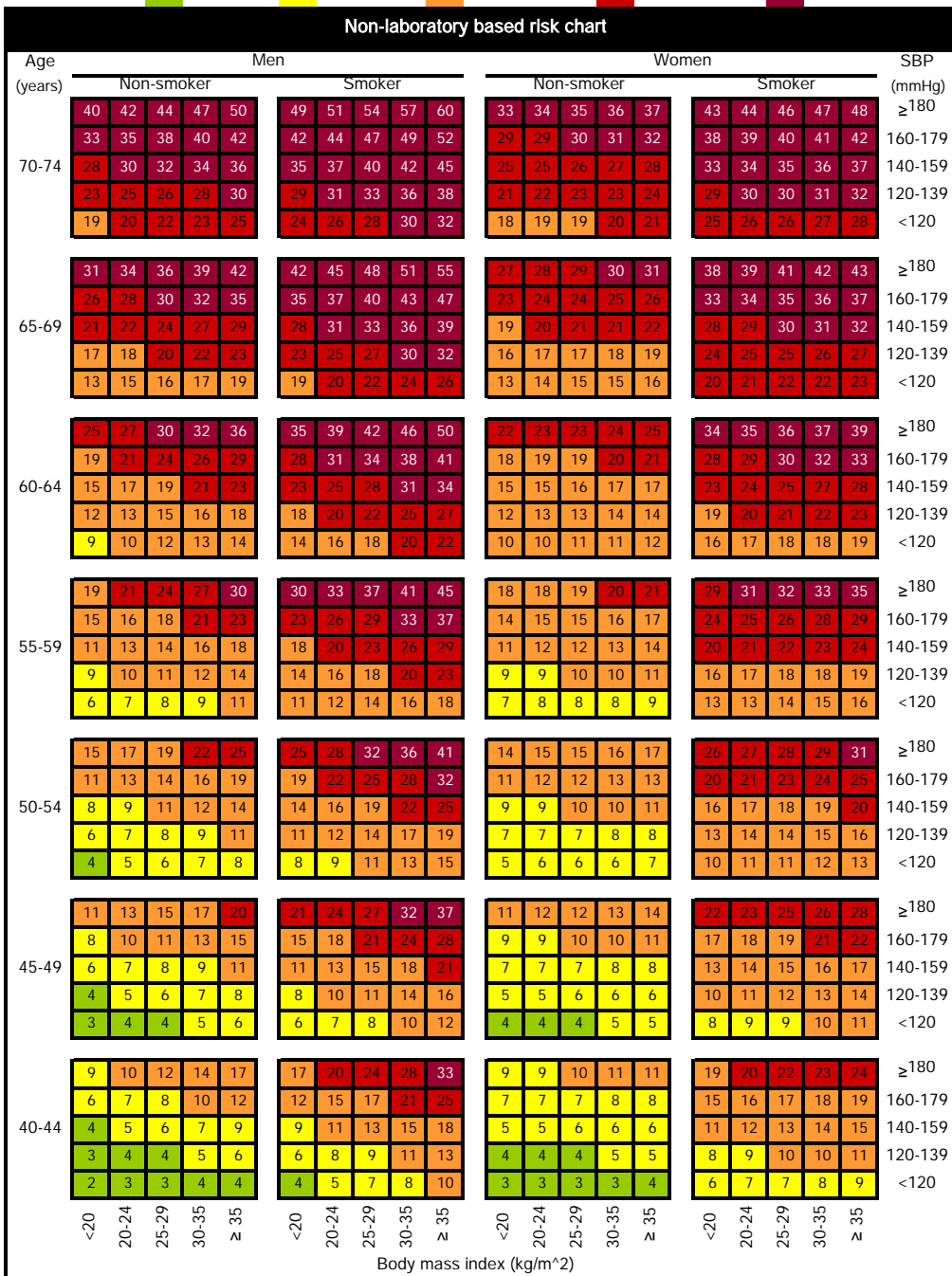
People with Diabetes



WHO cardiovascular disease risk non-laboratory-based charts

North Africa and Middle East

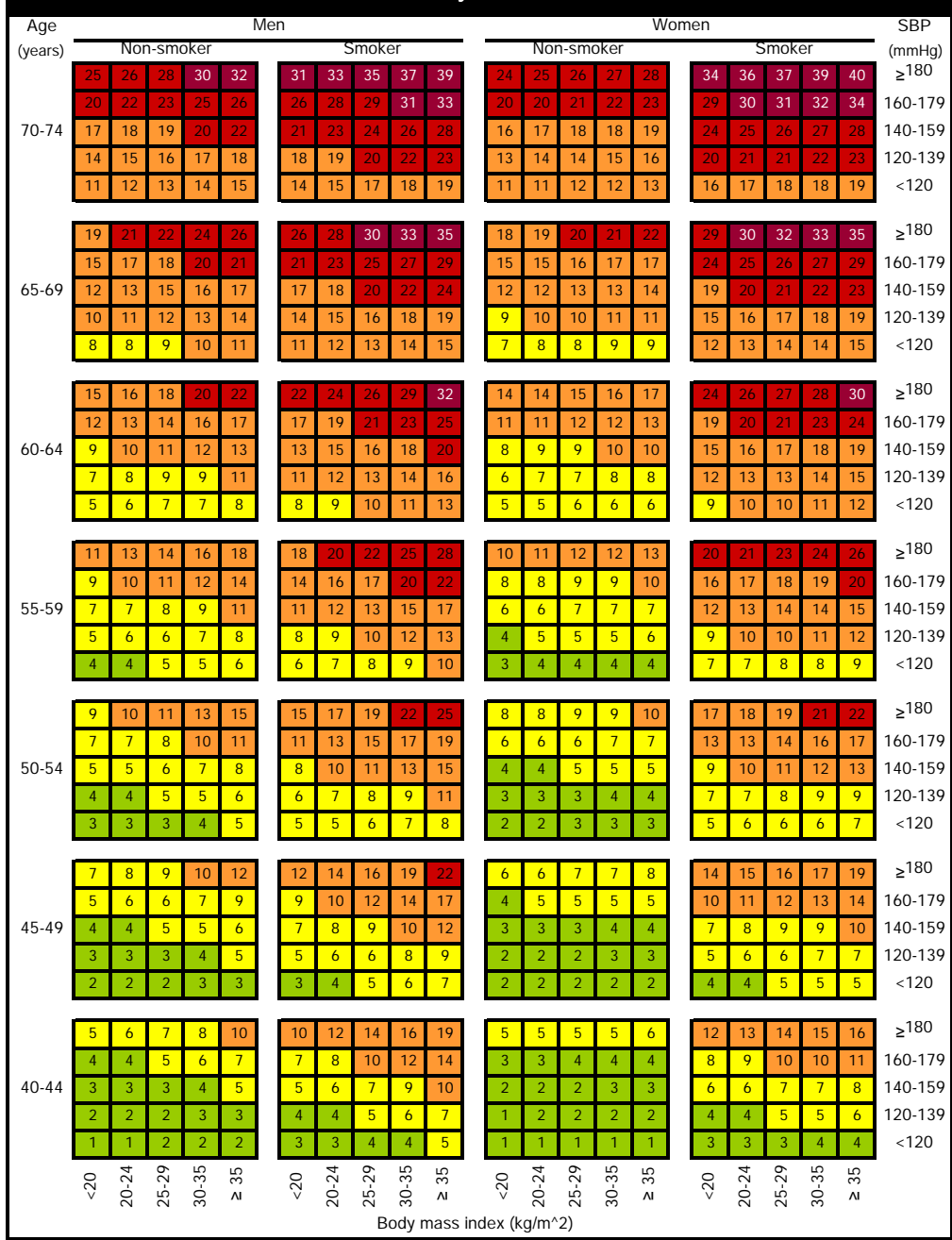
Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



Central Sub-Saharan Africa

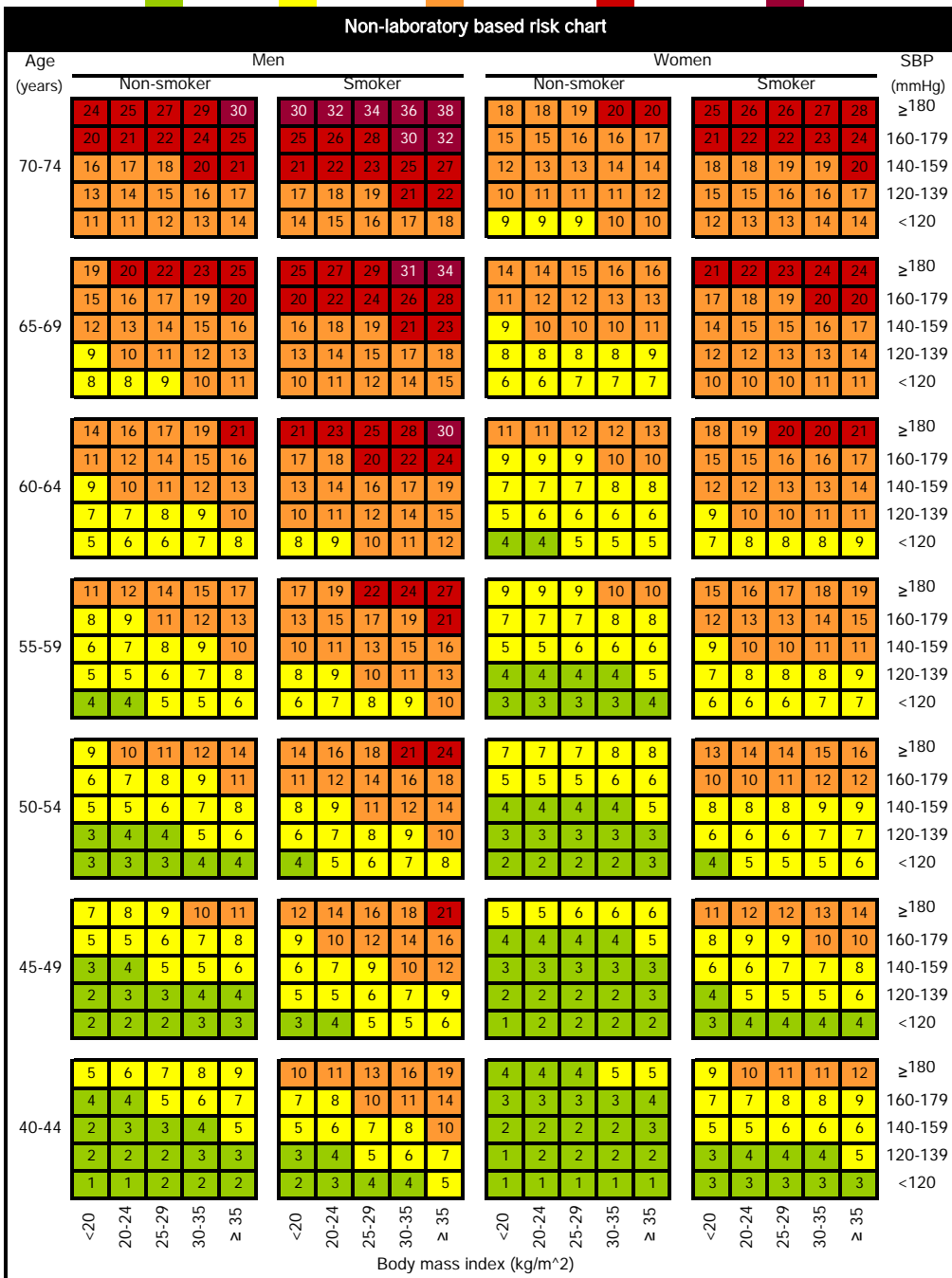
Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

Non-laboratory based risk chart



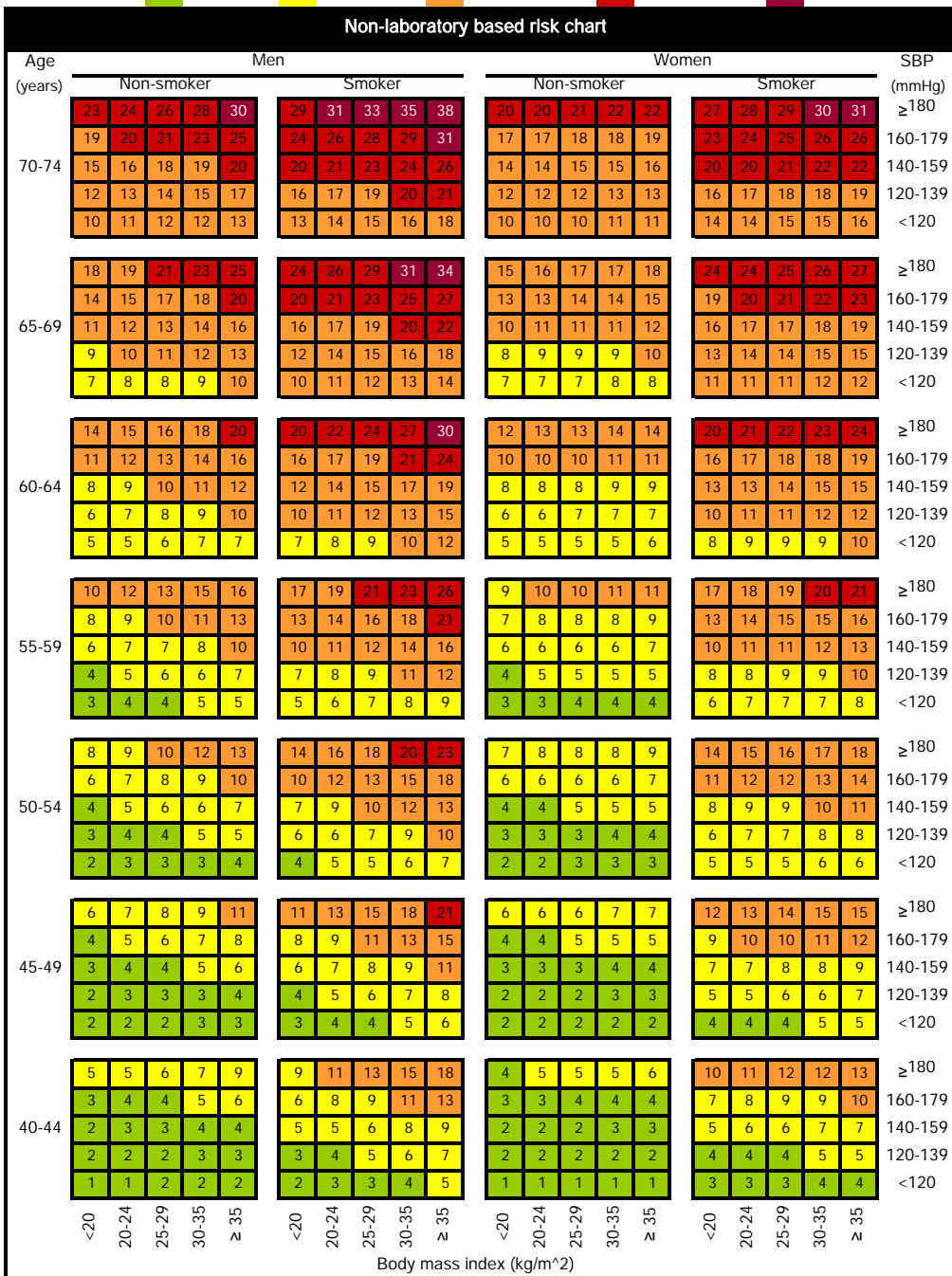
Eastern Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



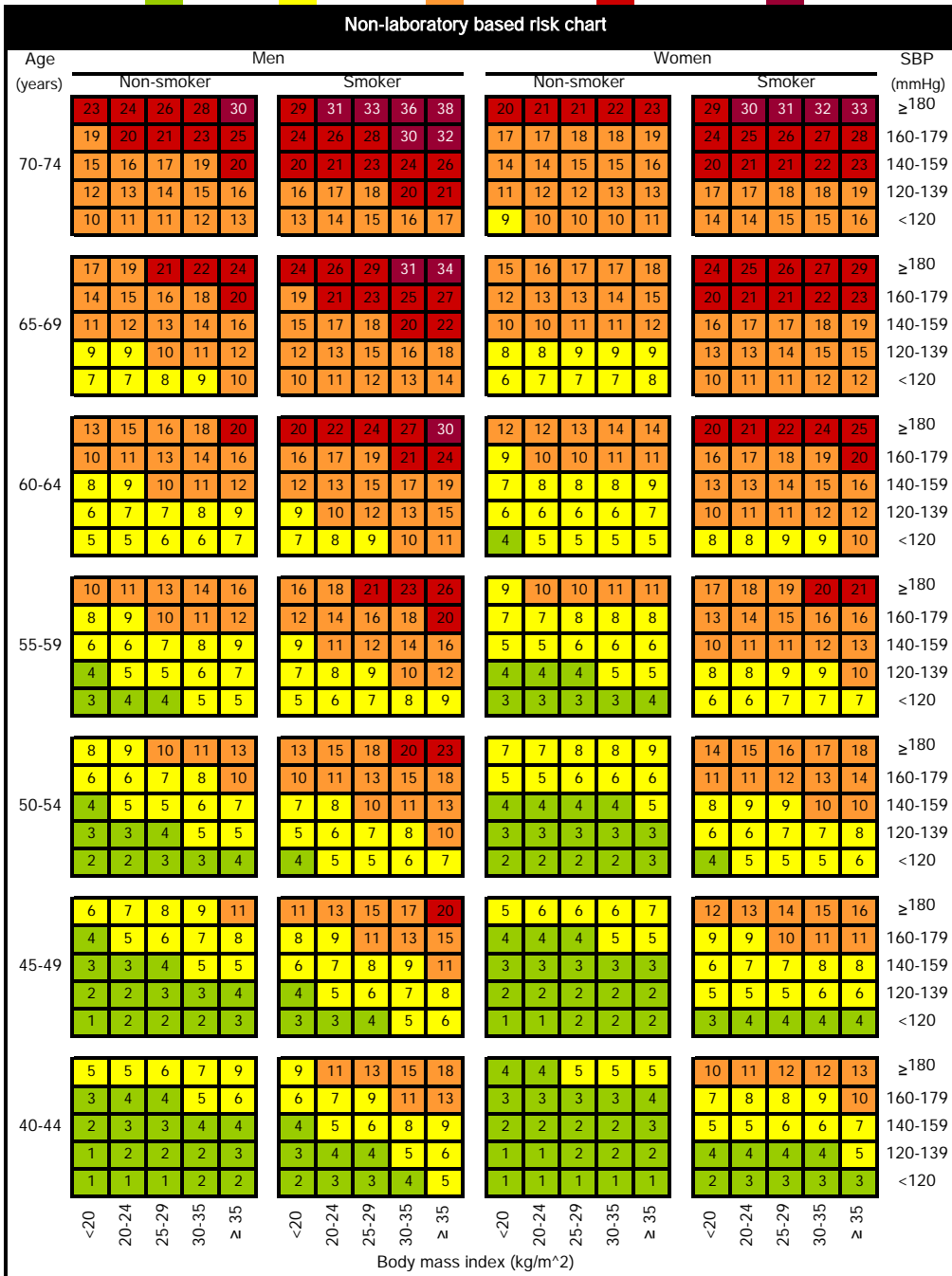
Southern Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



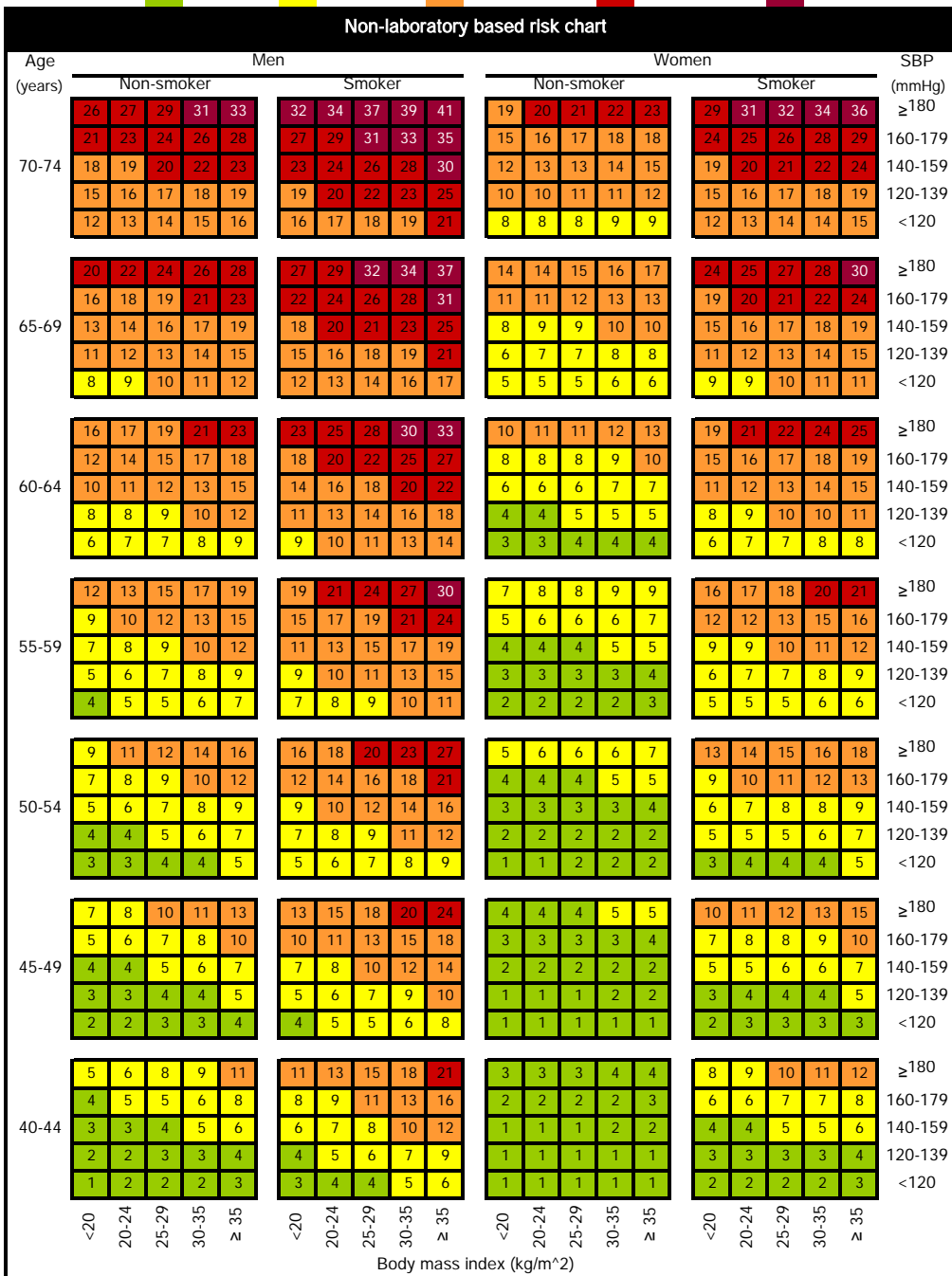
Western Sub-Saharan Africa

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



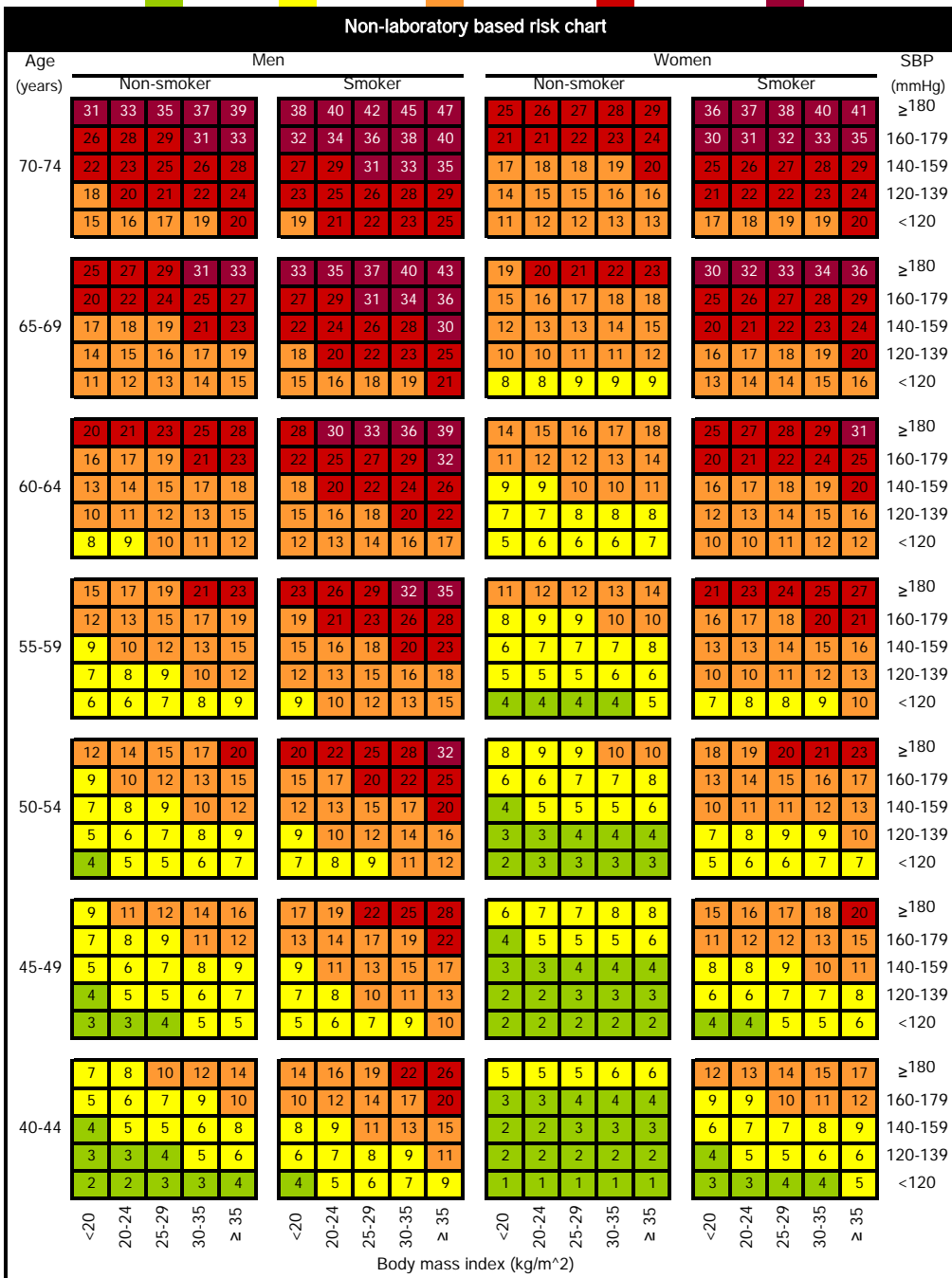
Southern Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



High-income North America

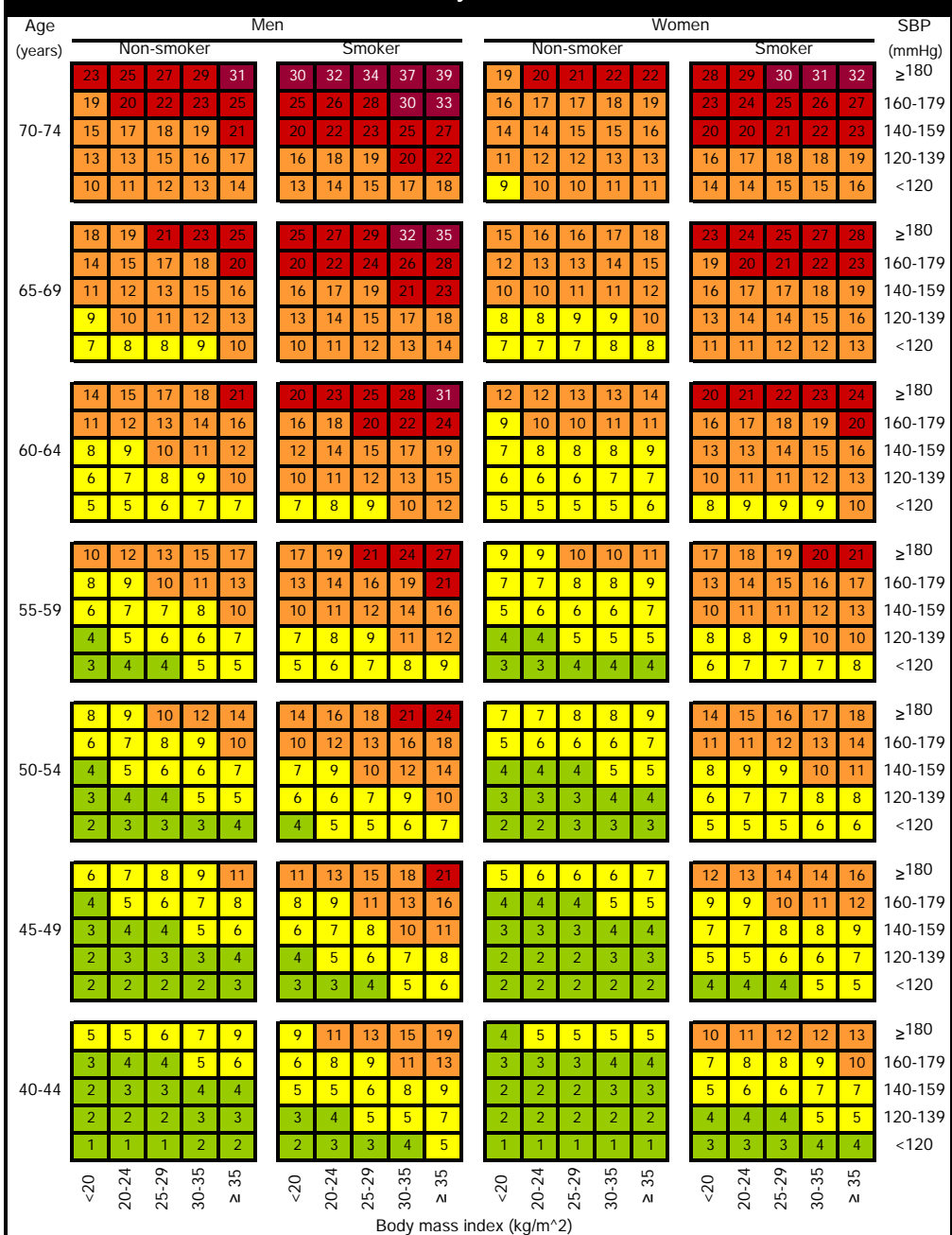
Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



Caribbean

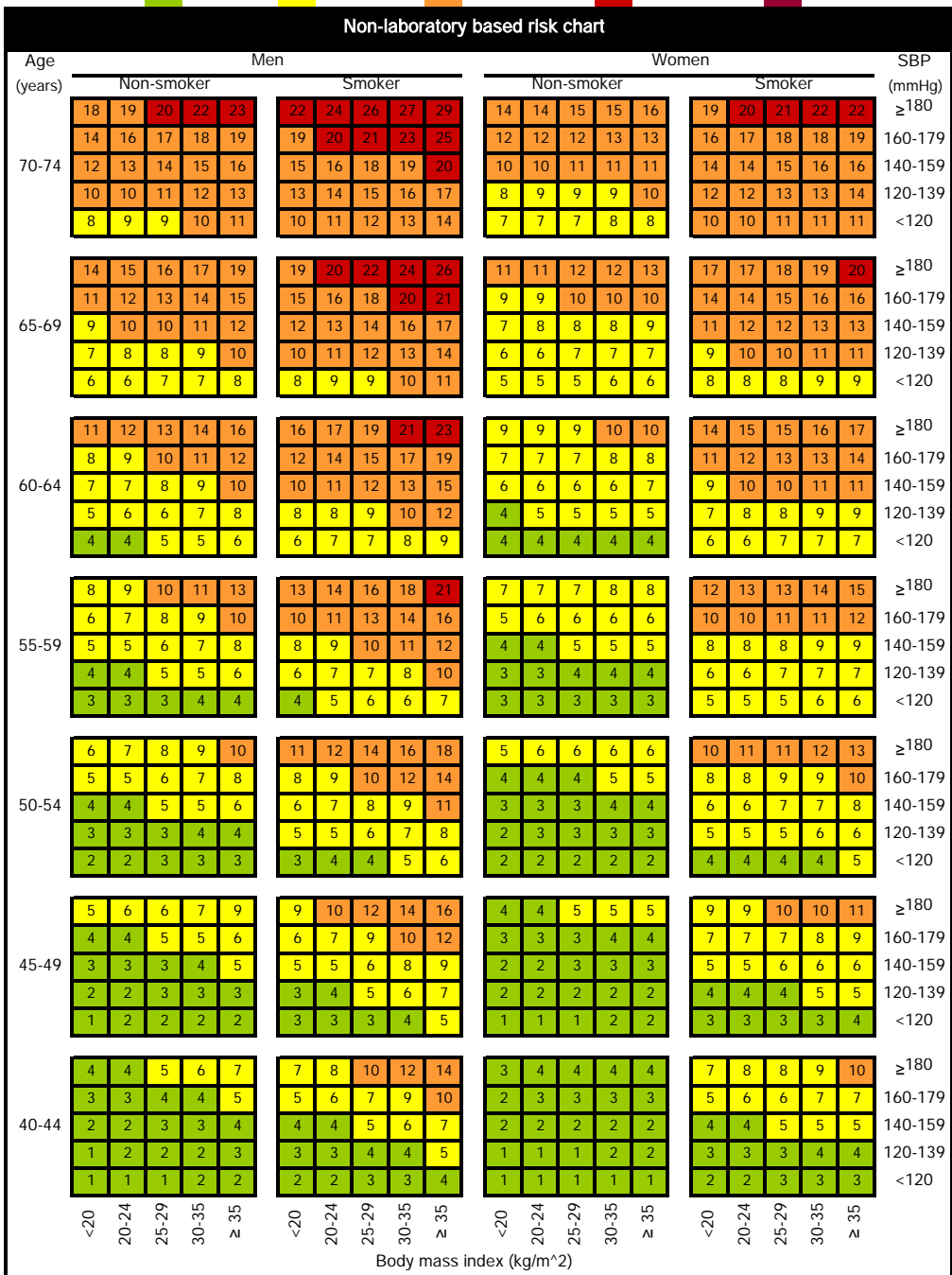
Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

Non-laboratory based risk chart



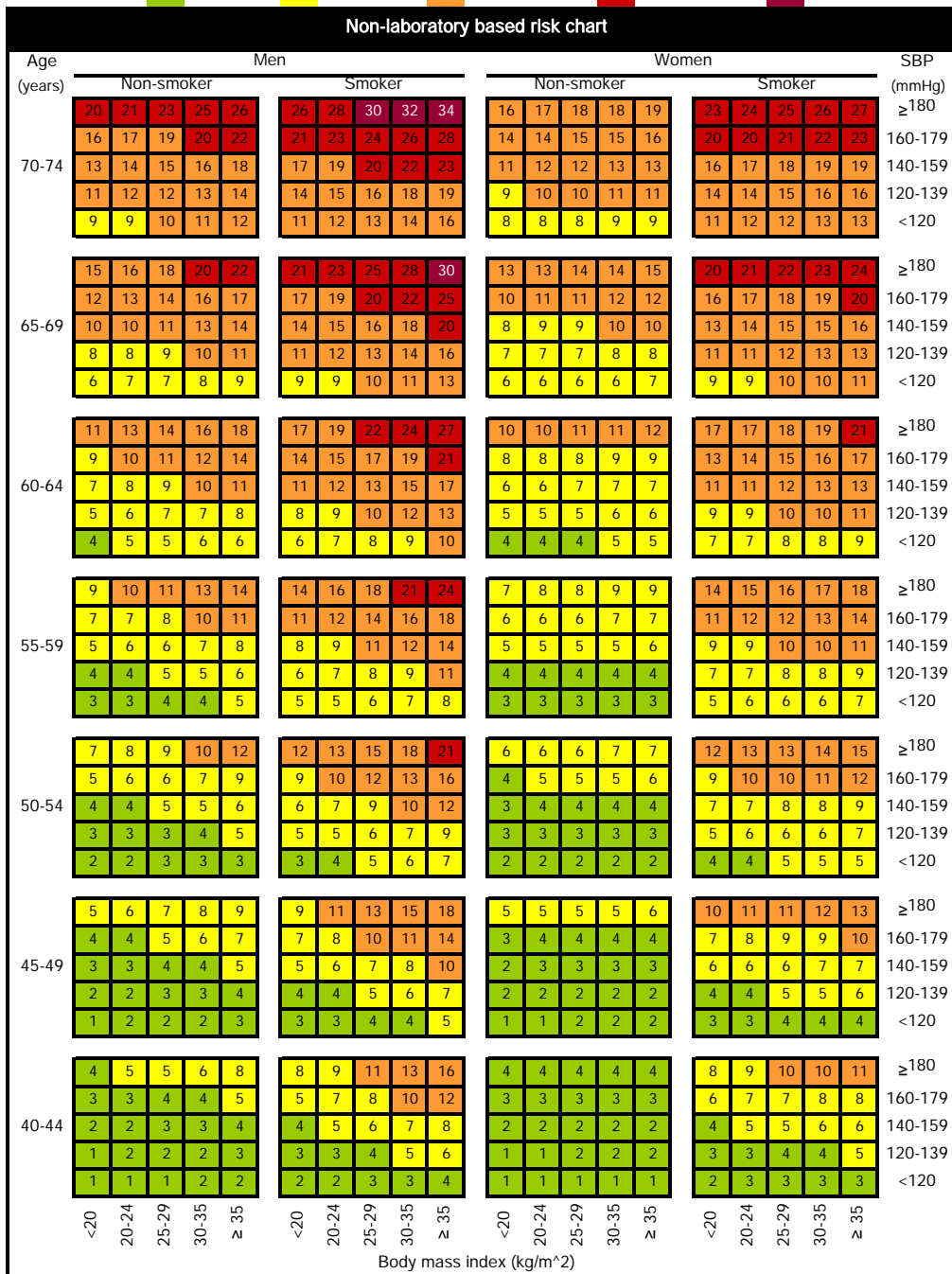
Andean Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



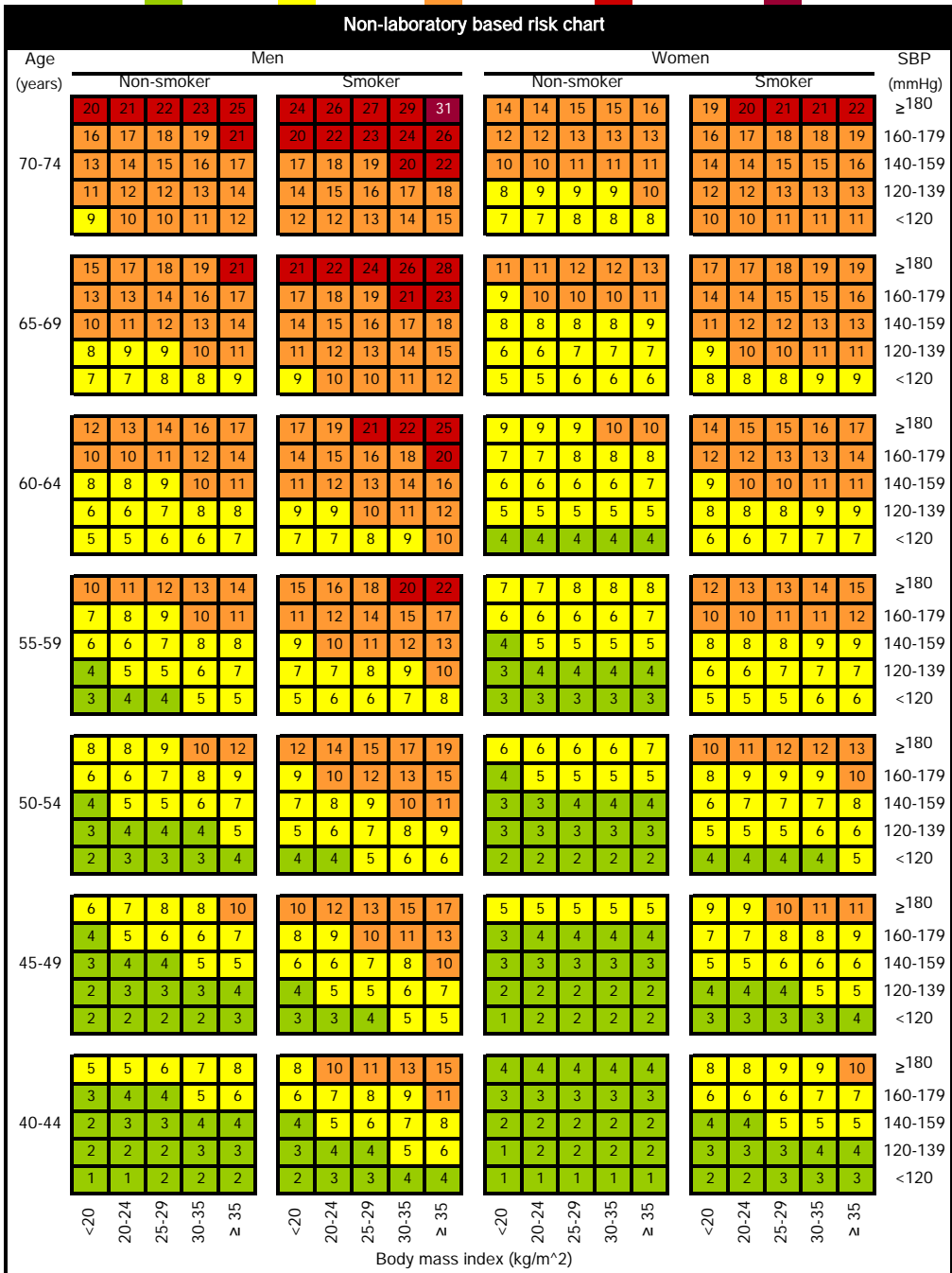
Central Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



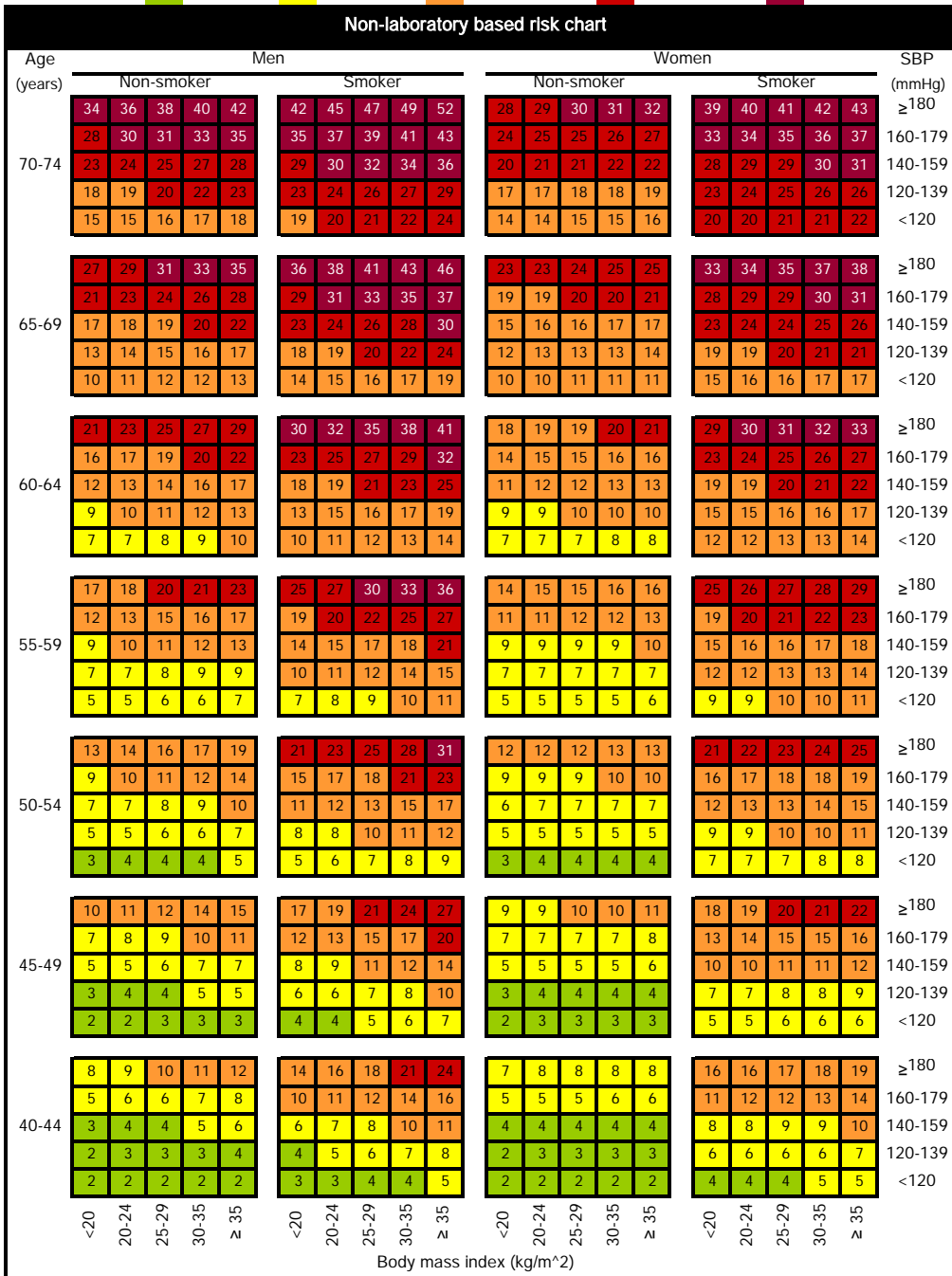
Tropical Latin America

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



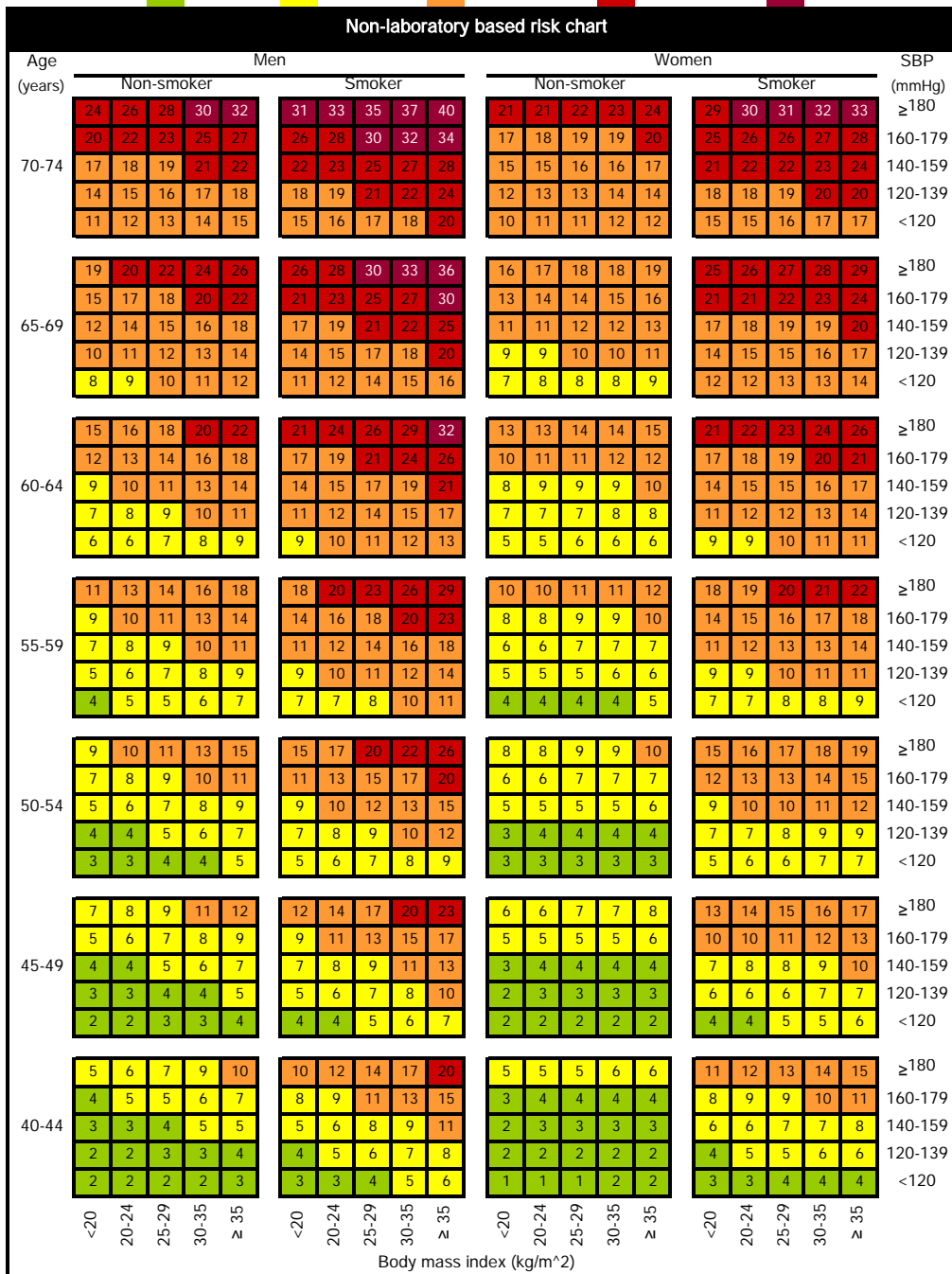
East Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



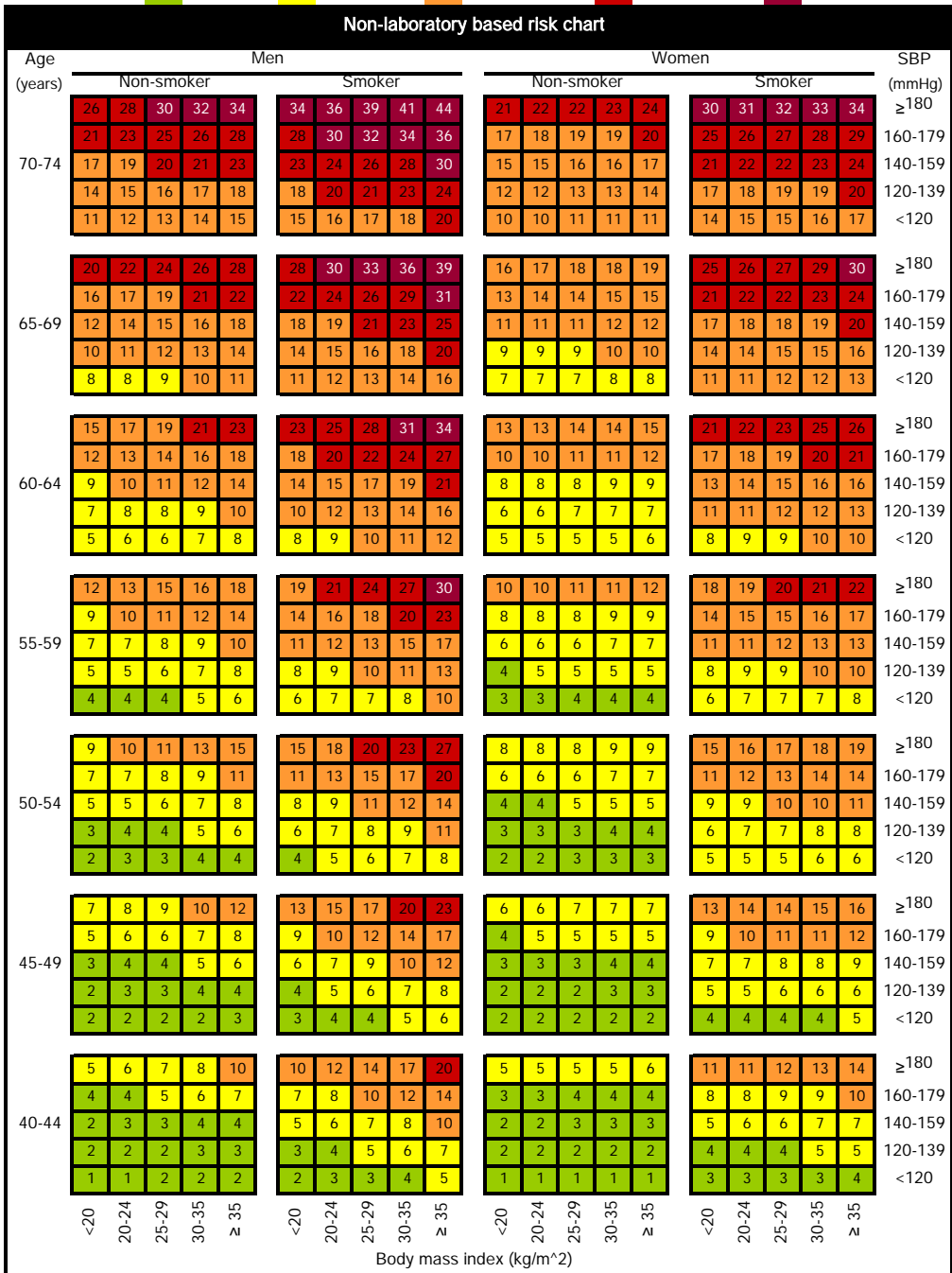
South Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



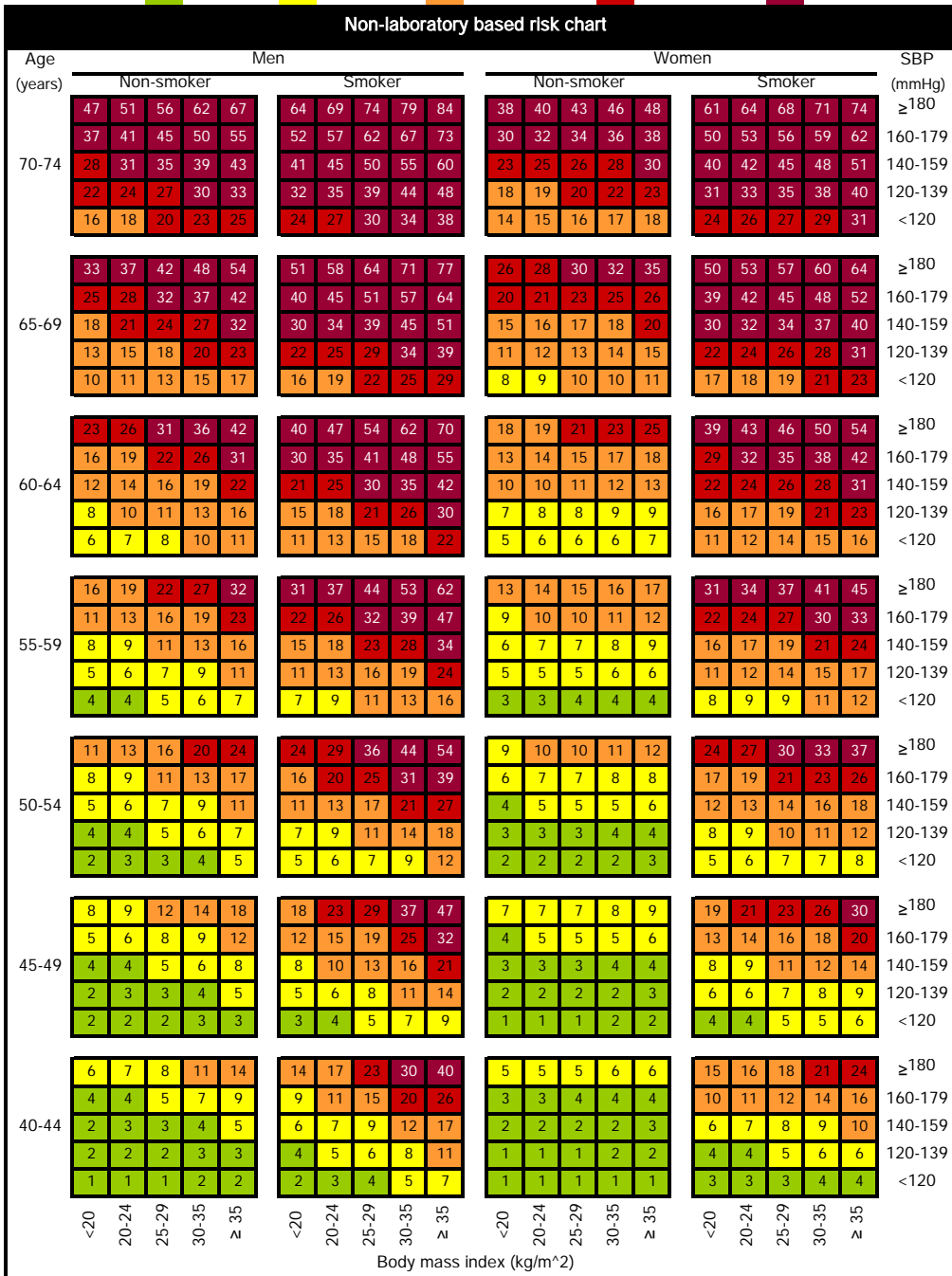
Southeast Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



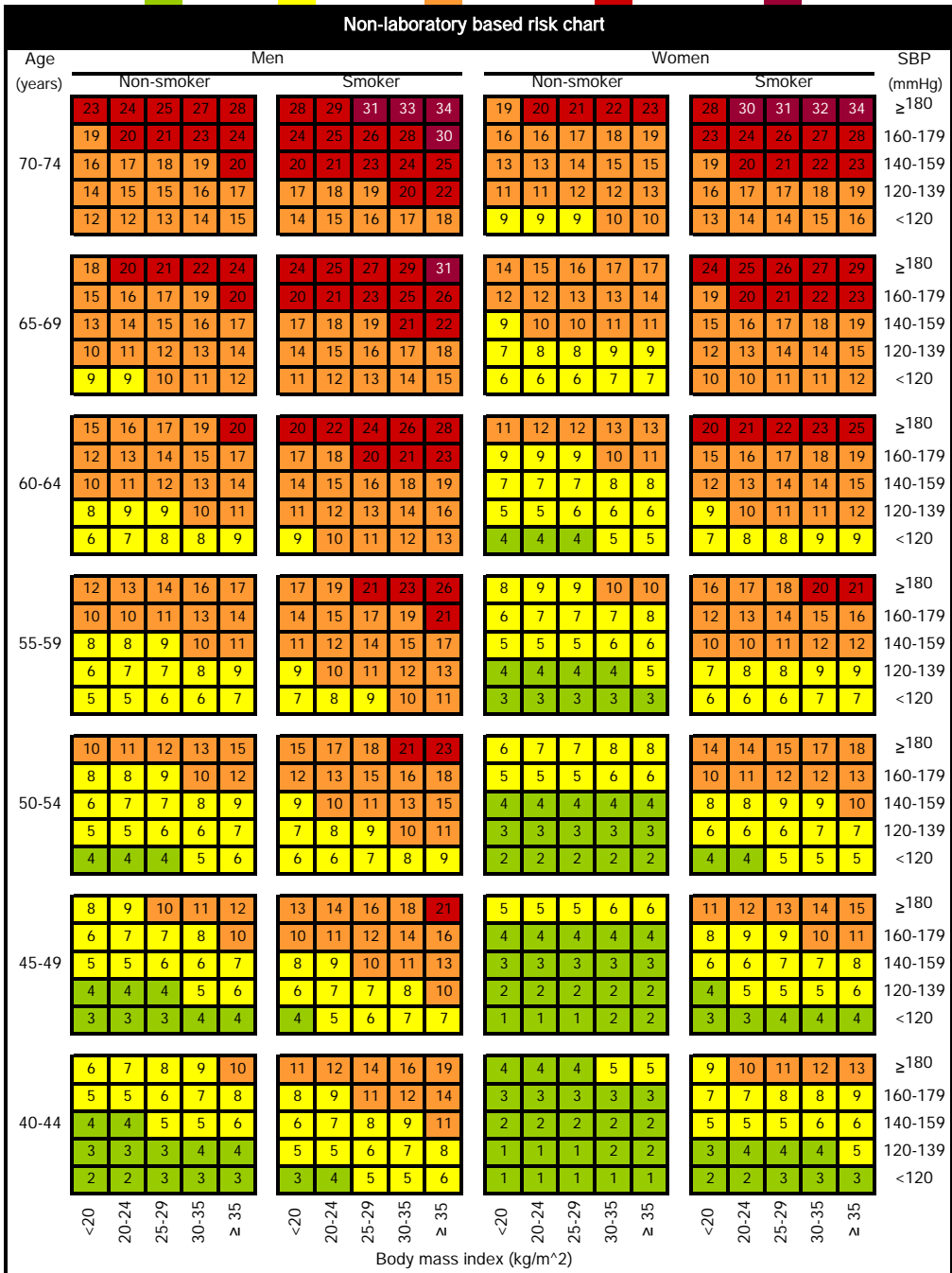
Central Asia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



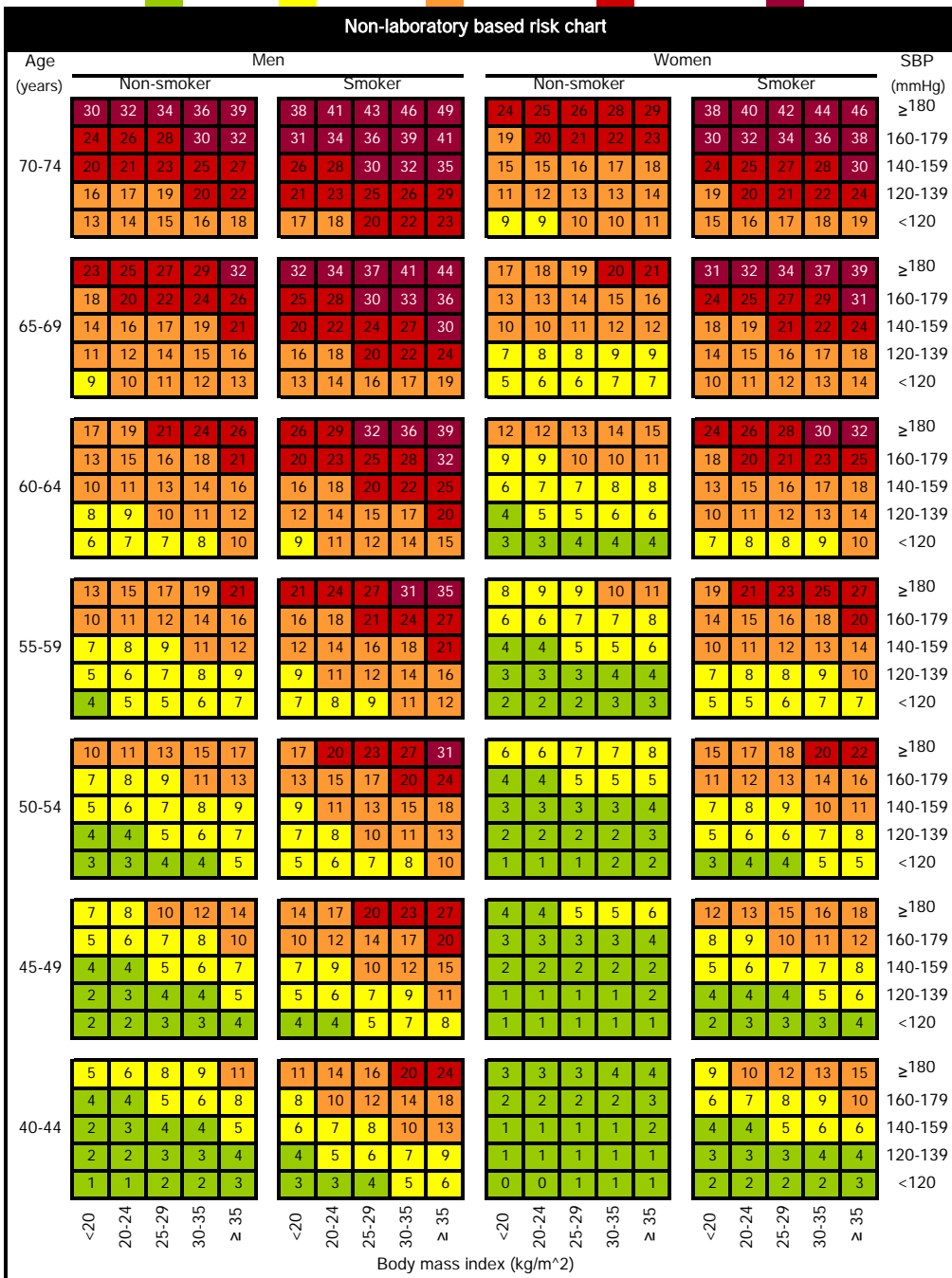
High-income Asia Pacific

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



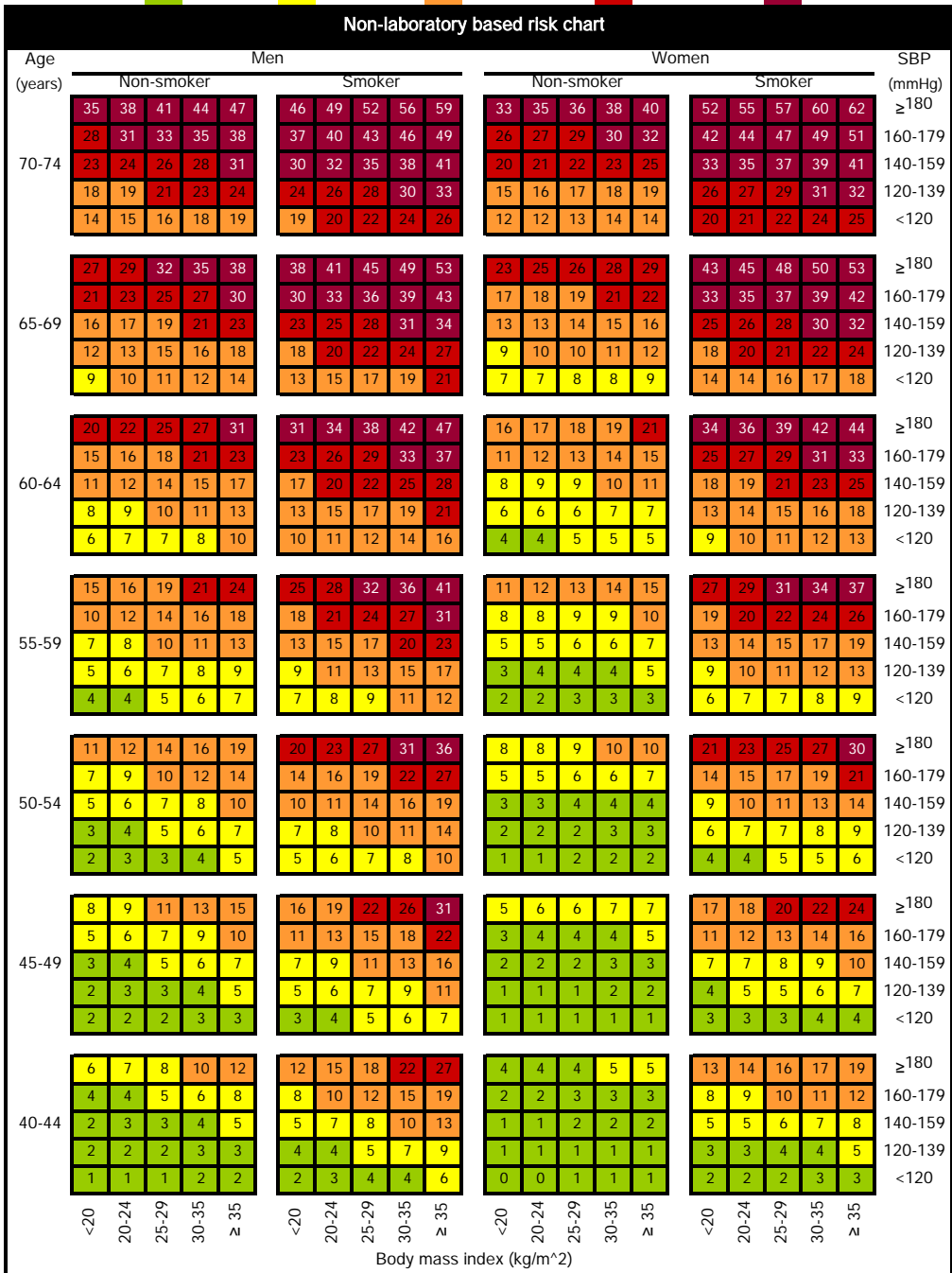
Western Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



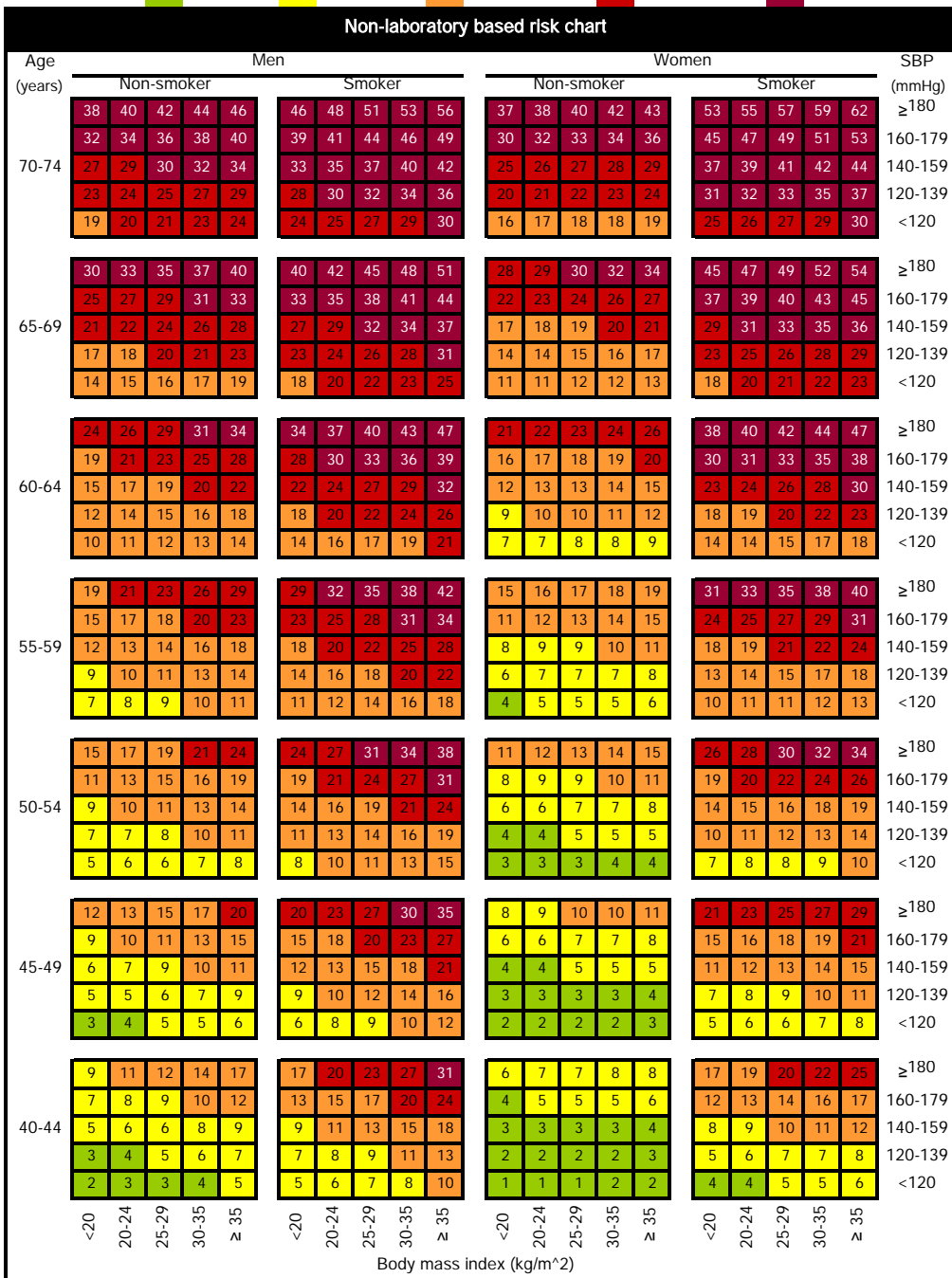
Central Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



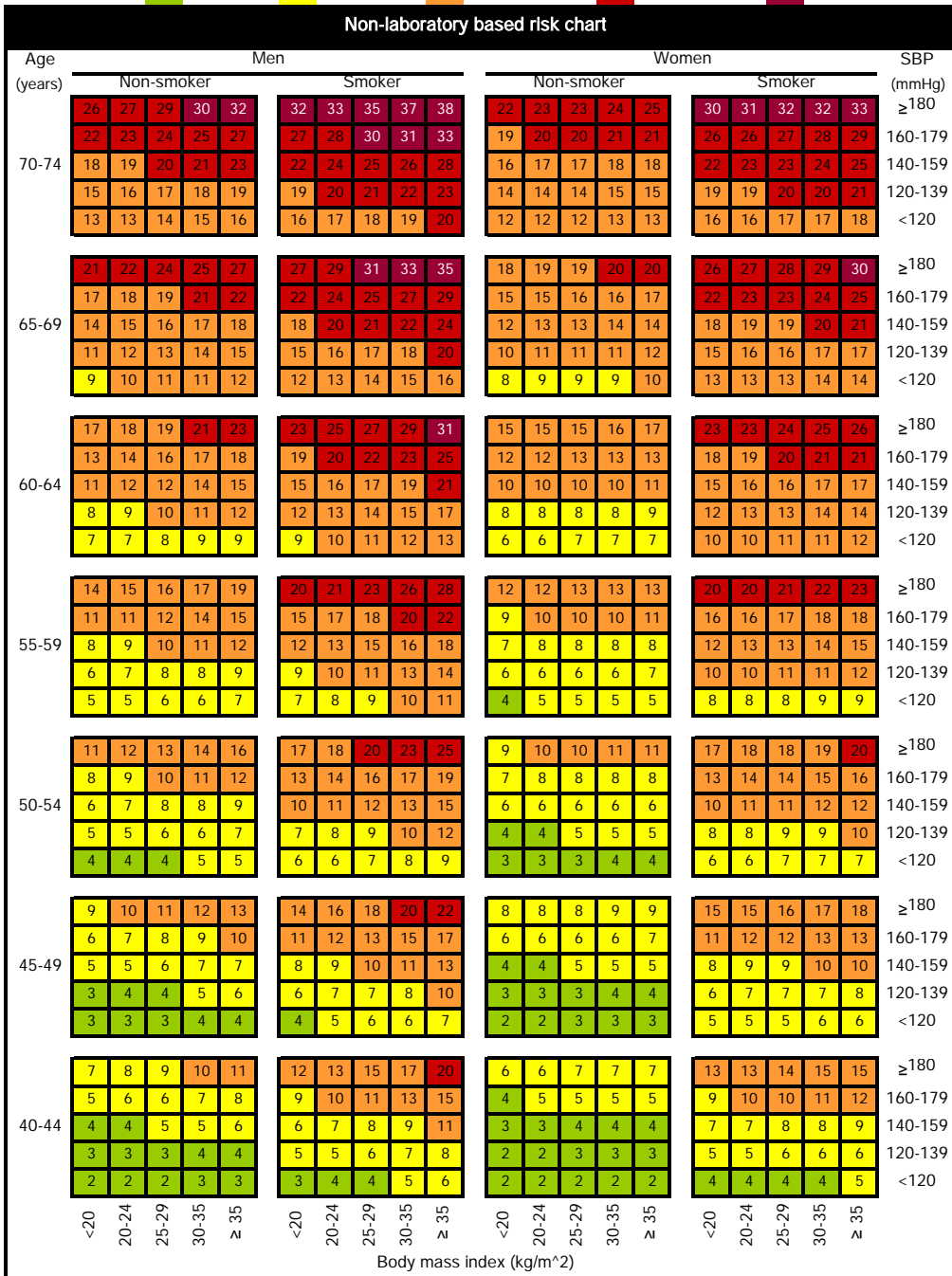
Eastern Europe

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



Oceania

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%



Australasia

Risk Level ■ <5% ■ 5% to <10% ■ 10% to <20% ■ 20% to <30% ■ ≥30%

