Assessing SDGs progress in Asia-Pacific region

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Outline

Asia-Pacific in 2018

Progress assessment methodology
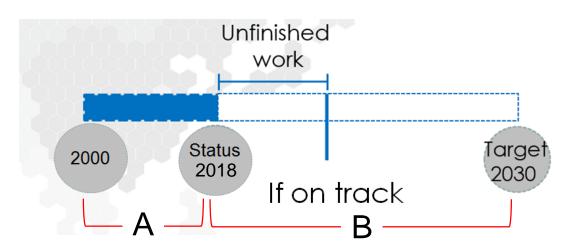
Challenges

Two questions

Where does the region stand for each of the *goals*?

How far will be from targets by 2030?

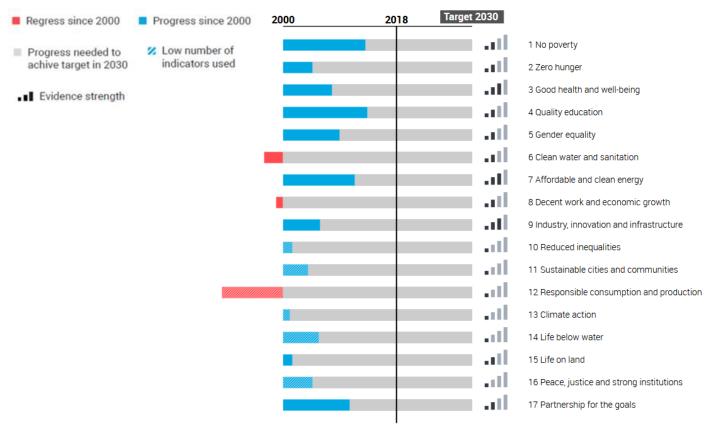# *Where does the region stand for each of the goals?*
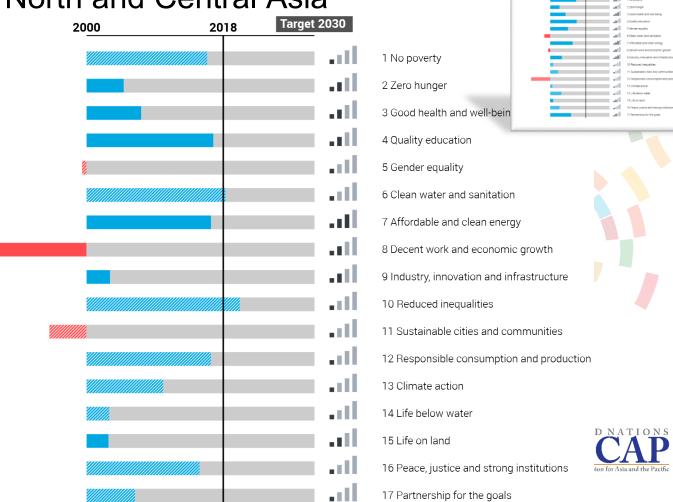
- Current status index:

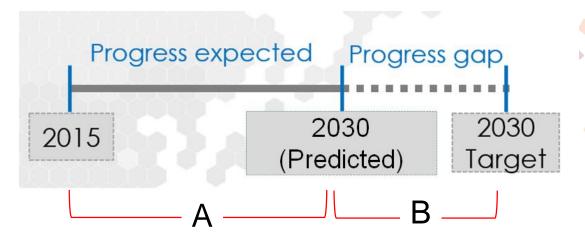$$Index = \frac{B}{A + B}$$

Asia-Pacific in 2018: progress so far

Asia and the Pacific Region

Legend:
- Regress since 2000
- Progress since 2000
- Progress needed to achive target in 2030
- Low number of indicators used
- Evidence strength

| 2000 | 2018 | Target 2030 |

1 No poverty
2 Zero hunger
3 Good health and well-being
4 Quality education
5 Gender equality
6 Clean water and sanitation
7 Affordable and clean energy
8 Decent work and economic growth
9 Industry, innovation and infrastructure
10 Reduced inequalities
11 Sustainable cities and communities
12 Responsible consumption and production
13 Climate action
14 Life below water
15 Life on land
16 Peace, justice and strong institutions
17 Partnership for the goals

North and Central Asia

	2000	2018	Target 2030	
				1 No poverty
				2 Zero hunger
				3 Good health and well-being
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				6 Clean water and sanitation
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				8 Decent work and economic growth
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				13 Climate action
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				17 Partnership for the goals

How far will be from targets by 2030?

• Expected achievement: Dashboard

$$Index = \frac{B}{A + B}$$

Asia-Pacific in 2018: *Anticipated progress*

Goal 1	1.1 International poverty	1.2 National poverty	1.a Resources mobilization	1.5 Resilience of vulnerable	1.3 Social protection	1.4 Equal rights	1.b Sound Policy frameworks						
Goal 2	2.1 Food security	2.2 Malnutrition	2.3 Agricultural productivity	2.a Investment in agriculture	2.5 Genetic diversity	2.4 Sustainable food production	2.b Trade restrictions in	2.c Food commodity markets					
Goal 3	3.1 Maternal mortality	3.2 Neonatal & child mortality	3.b R&D of medicines	3.d Risk management	3.9 Health impact of pollution	3.3 Communicable diseases	3.4 NCD & mental health	3.7 Sexual & reproductive health	3.6 Road traffic accident	3.c Health financing	3.8 Health coverage	3.5 Substance abuse	3.a Tobacco Control
Goal 4	4.c Qualified teachers	4.1 Effective learning outcome	4.6 Adult literacy & numeracy	4.2 Early childhood development	4.3 TVET & tertiary education	4.5 Equal access to education	4.4 Skills for employment	4.7 Knowledge & skills on SD	4.a Education facilities	4.b Scholarships available			
Goal 5	5.5 Women in leadership	5.1 Discrimination against women &	5.2 Violence against women & girls	5.3 Early marriage	5.4 Unpaid work	5.6 Reproductive health & rights	5.a Equal economic rights	5.b Use of technology	5.c Gender equality policies				
Goal 6	6.2 Sanitation & hygiene	6.1 Safe drinking water	6.4 Water-use efficiency	6.6 Water-related ecosystems	6.3 Water quality	6.5 Water resources management	6.a International cooperation	6.b Participation of local communities					
Goal 7	7.1 Access to energy services	7.3 Energy efficiency	7.2 Renewable energy	7.a International cooperation	7.b Energy infrastructure								
Goal 8	8.6 Youth NEET	8.8 Labour rights	8.5 Employment & decent work	8.10 Capacity of financial institutions	8.4 Global resource efficiency	8.2 Economic diversification &	8.1 Per capita economic growth	8.3 Development-oriented policies	8.7 Child & forced labour	8.9 Sustainable tourism	8.a Aid for Trade	8.b Global strategy for youth	
Goal 9	9.c Access to ICT	9.4 Upgrade infrastructure	9.5 Research & tech capabilities	9.1 Infrastructure development	9.b Domestic technology	9.2 Industrialization	9.3 Access to financial services	9.a Resilient infrastructure					
Goal 10	10.1 Income growth (bottom 40%)	10.c Transaction costs of remittances	10.2 Social, economic & political	10.4 fiscal & Social protection policies	10.3 Inequalities of outcome	10.5 Global financial markets	10.6 inclusive global governance	10.7 Safe migration & mobility	10.a Differential treatment for	10.b ODA & financial flows			
Goal 11	11.1 Housing & basic services	11.2 Transport systems	11.6 Air quality & waste management	11.5 Resilience to natural disasters	11.3 Inclusive & sustainable	11.4 Protect cultural & natural heritage	11.7 Green & public spaces	11.a Urban planning	11.b Disaster risk management	11.c Sustainable & resilient buildings			
Goal 12	12.2 Sustainable use of natural resources	12.4 Managing chemicals & wastes	12.1 Sustainable consumption &	12.3 Food waste & losses	12.5 Reducing waste generation	12.6 Sustainability information	12.7 Public procurement	12.8 Information on SD	12.a Scientific & technological	12.b Sustainable tourism	12.c Fossil-fuel subsidies		
Goal 13	13.2 National climate change	13.1 Resilience & adaptive capacity	13.3 Climate change awareness	13.a Needs of developing countries	13.b Planning & management								
Goal 14	14.5 Conservation of coastal areas	14.2 Marine & coastal ecosystem	14.1 Marine pollution	14.3 Ocean acidification	14.4 Destructive fishing	14.6 Fisheries subsidies	14.7 Marine resources in SIDS	14.a Research capacity & marine	14.b Small-scale artisanal fishers	14.c Implementing international law			
Goal 15	15.2 Forests management	15.4 Mountain ecosystems	15.5 Loss of biodiversity	15.1 Terrestrial & inland freshwater	15.3 Desertification	15.6 Utilization of genetic resource	15.7 Protected species	15.8 Invasive alien species	15.9 National & local planning	15.a Financial resources	15.b Resource mobilization	15.c Trafficking of protected species	
Goal 16	16.1 Reduction violence	16.b Non-discriminatory laws	16.2 Violence against children	16.3 Justice for all	16.4 Illicit financial & arms flows	16.5 Corruption and bribery	16.6 Effective institutions	16.7 Inclusive decision-making	16.8 Inclusive global governance	16.9 Legal identity	16.10 Public access to information	16.a Violence, terrorism & crime	
Goal 17	17.19 Statistical capacity	17.8 Technological capacity-building	17.4 Debt sustainability	17.11 Exports of developing countries trading	17.10 Multilateral trading	17.9 Capacity building for SDGs	17.6 International cooperation	17.1 Tax & other revenue	17.3 Additional financial resources	17.2 Developed countries	17.5 Investment promotion for LDCs	17.7 Transfer of technologies	17.12 Duty-free market access
	17.13 Global macroeconomic	17.14 Policy coherence for SD	17.15 Country's policy space	17.16 Global partnership for SD	17.17 Public, public-private and civil	17.18 Data availability							

MAINTAIN progress to achieve target

ACCELERATE progress to achieve target
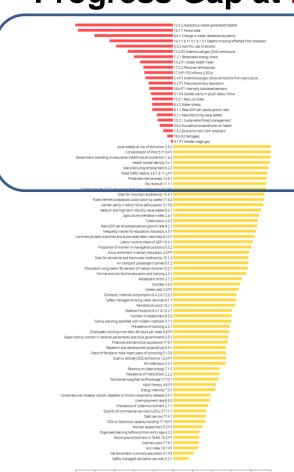
REVERSE trend to achieve target

Insufficient data

Asia-Pacific in 2018: *Anticipated progress*

Goal											
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Goal 17	17.19 Statistical capacity	17.8 Technological capacity-building	17.4 Debt sustainability	17.11 Exports of developing countries	17.10 Multilateral trading	17.9 Capacity building for SDGs	17.6 International cooperation	17.1 Tax & other revenue	17.3 Additional financial resources		

MAINTAIN progress to achieve target
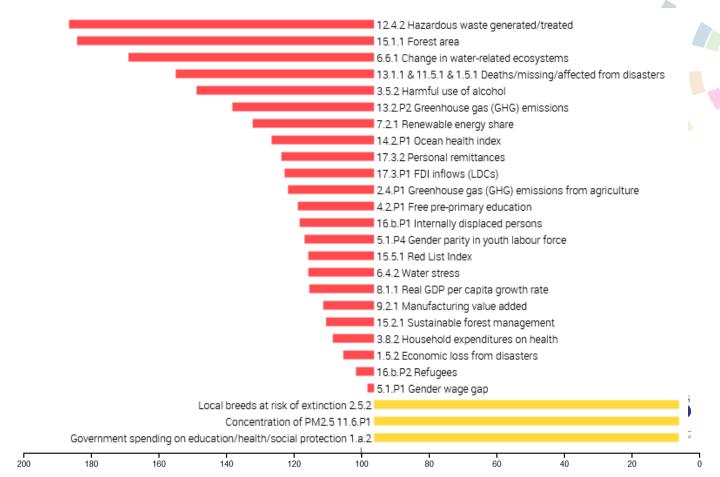
ACCELERATE progress to achieve target

REVERSE trend to achieve target

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Progress Gap at *indicator* level

Reverse

Accelerate

Progress Gap at *indicator* level

Horizontal bar chart showing progress gap by indicator (scale 200 to 0):

- 12.4.2 Hazardous waste generated/treated
- 15.1.1 Forest area
- 6.6.1 Change in water-related ecosystems
- 13.1.1 & 11.5.1 & 1.5.1 Deaths/missing/affected from disasters
- 3.5.2 Harmful use of alcohol
- 13.2.P2 Greenhouse gas (GHG) emissions
- 7.2.1 Renewable energy share
- 14.2.P1 Ocean health index
- 17.3.2 Personal remittances
- 17.3.P1 FDI inflows (LDCs)
- 2.4.P1 Greenhouse gas (GHG) emissions from agriculture
- 4.2.P1 Free pre-primary education
- 16.b.P1 Internally displaced persons
- 5.1.P4 Gender parity in youth labour force
- 15.5.1 Red List Index
- 6.4.2 Water stress
- 8.1.1 Real GDP per capita growth rate
- 9.2.1 Manufacturing value added
- 15.2.1 Sustainable forest management
- 3.8.2 Household expenditures on health
- 1.5.2 Economic loss from disasters
- 16.b.P2 Refugees
- 5.1.P1 Gender wage gap
- Local breeds at risk of extinction 2.5.2
- Concentration of PM2.5 11.6.P1
- Government spending on education/health/social protection 1.a.2

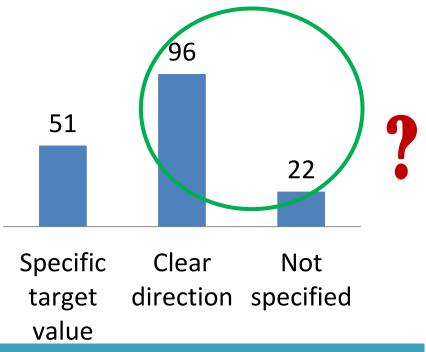Axis: 200 180 160 140 120 100 80 60 40 20 0

Measurement challenges

Measurement challenges

Lack of methodologies for progress assessment
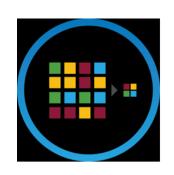
- Target setting
- Predictions
- Indexing

- Lack of data/indicators

Lack of specific target values

Distribution of SDG targets by specificity of target values

Setting regional targets: Champion area

Data efficient

Objective

Aspirational, but feasible

Setting regional targets: Champion area

Step1 — Select one major indicator under target

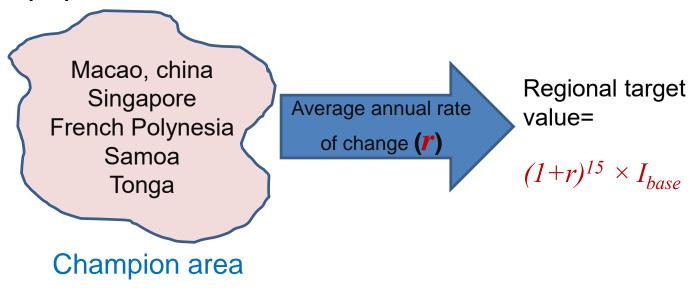**Step2** — Create champion area (top five countries in terms of rate of change)

Step3 — Estimate average rate of change among top performers

Step4 — Apply average rate to the baseline value (2015) to reach target value for 2030

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Setting regional targets: **Champion area**

Example: Intentional homicide/Per 100,000 population

Macao, china
Singapore
French Polynesia
Samoa
Tonga

Champion area

Average annual rate of change (*r*)

Regional target value=

$$(1+r)^{15} \times I_{base}$$

Predictions

Weighted regression

○ Applied a time-related weighting system

○ More recent data, greater weights
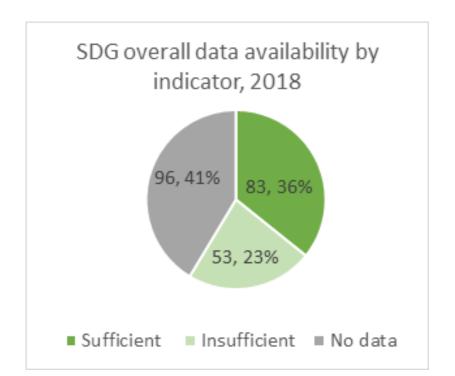
$$w_i = \frac{(t_{n+a} - t_1)}{(t_{n+a} - t_i)} \quad (i = 1, 2, .. n)$$

SDGs Data Availability in the region

SDG overall data availability by indicator, 2018

96, 41% 83, 36% 53, 23%

■ Sufficient ■ Insufficient ■ No data

Availability of SDG data by Goal

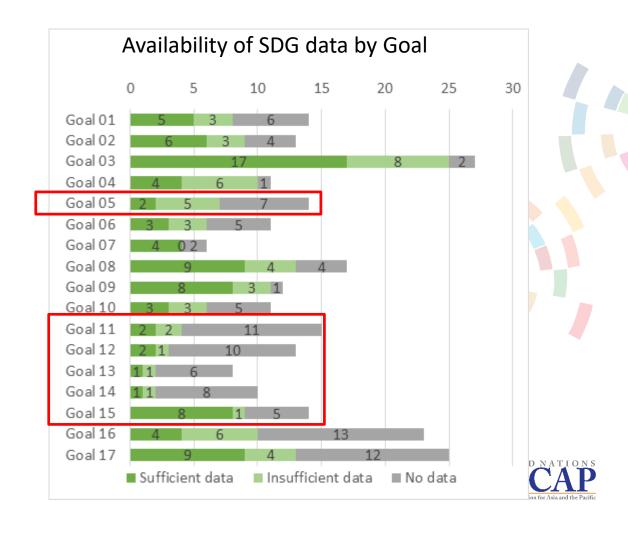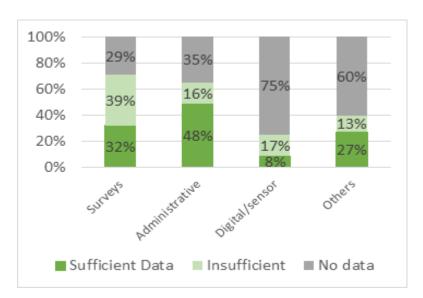| Goal	Sufficient data	Insufficient data	No data
Goal 01	5	3	6
Goal 02	6	3	4
Goal 03	17	8	2
Goal 04	4	6	1
Goal 05	2	5	7
Goal 06	3	3	5
Goal 07	4	0	2
Goal 08	9	4	4
Goal 09	8	3	1
Goal 10	3	3	5
Goal 11	2	2	11
Goal 12	2	1	10
Goal 13	1	1	6
Goal 14	1	1	8
Goal 15	8	1	5
Goal 16	4	6	13
Goal 17	9	4	12

Availability of SDG data by type of national data source

- Sufficient data on half of indicators sourced from administrative

- Large share of "insufficient" sourced from surveys

QA
&
Discussion