Counting who gets left behind:

The consequences of countries' current trajectories on the Sustainable Development Goals

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Preliminary summary of results

DRAFT AS OF 13 JULY 2018 ALL RESULTS POTENTIALLY SUBJECT TO REVISION

I. Methods

Fig 1. We examine 21 people-focused SDG targets

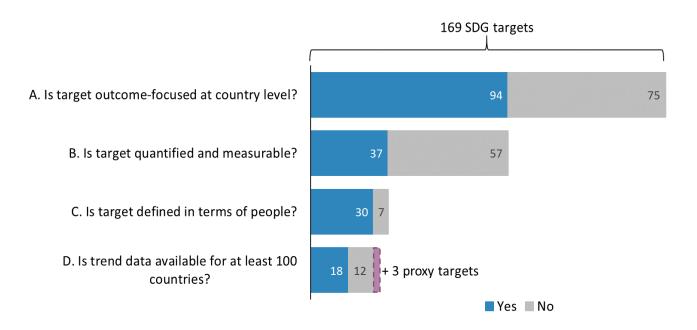


Fig 2. We segment the 21 targets by type

Life and death

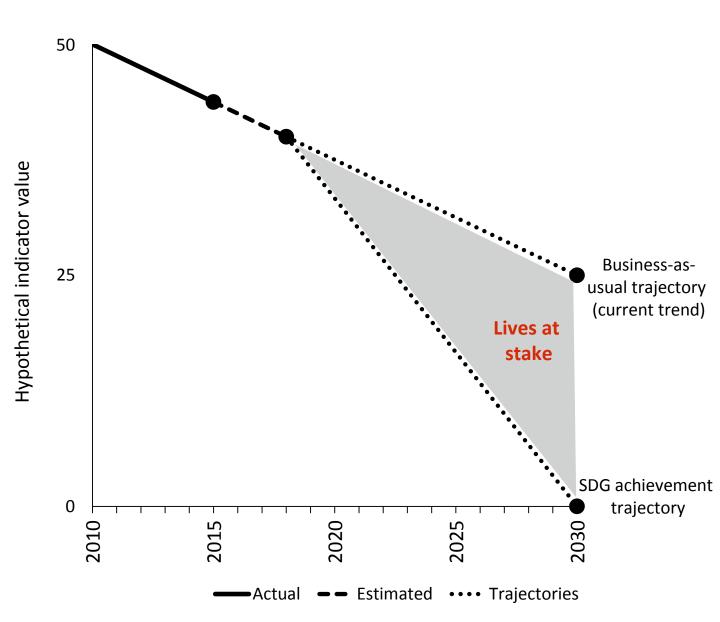
Basic needs

(1.1) End extreme poverty

		(1.1) Lita extreme poverty					
Absolute		(2.1) End undernourishment;					
		(2.2) End stunting; End wasting; End child obesity					
		(3.7) Universal access to family planning					
	(3.1) Maternal mortality down to 70 per 100,000 live births; (3.2) Under-5 child mortality to no more	(4.1) Universal primary school completion					
outcomes		(4.2) Universal pre-primary enrollment					
		(4.5) Gender parity in primary and secondary enrollment					
	than 25 per 1,000 live births	(5.1) Gender parity in income					
		(5.2) End violence against women					
		(5.5) Gender equality in government (proxy)					
		(6.1) Universal access to water					
		(6.2) Universal access to sanitation (7.1) Universal access to electricity					
		(16.9) Birth registration for all					
Relative outcomes	(3.4) Reduce non-communicable disease (NCD) mortality by one-third; Reduce suicide deaths by one-third (3.6) Reduce traffic deaths by half	(3.3) Reduce new HIV infections by 90%; Reduce tuberculosis incidence 80%; Reduce malaria incidence by 90%; Reduce neglected tropical disease; prevalence by 90%; (WHO targets) Reduce Hep B incidence 50% (proxy)					
	(16.1) Reduce homicides by half (proxy)	(11.6) Reduce people living with air pollution by half (proxy)					

Note: Targets 2.2, 3.3, and 3.4, use multiple indicators. We establish proxy outcomes to quantify targets 5.5, 11.6, 16.1, and for one indicator under 3.3 (Hepatitis B).

Fig 3. Calculating lives (and needs) at stake



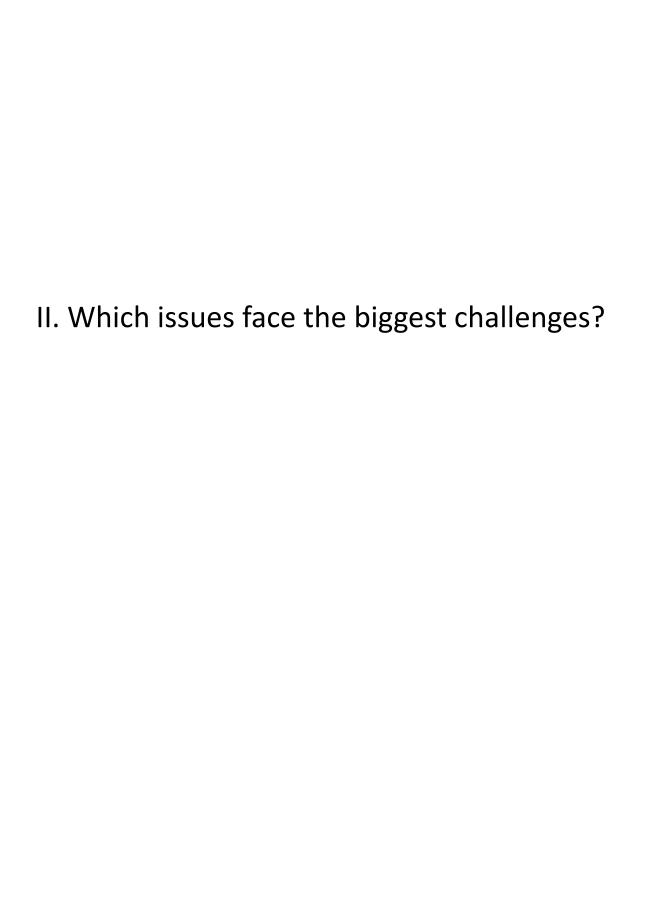


Fig 4. World performance on life-and-death SDG targets by 2030 under business-as-usual

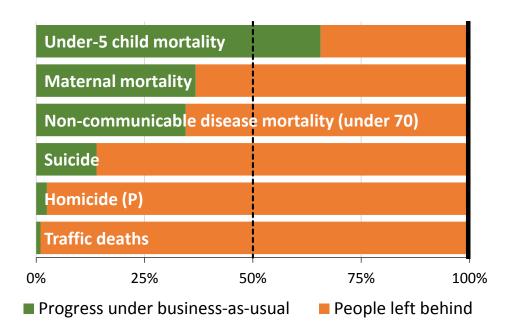


Fig 5. World performance on basic needs SDG targets by 2030 under business-as-usual

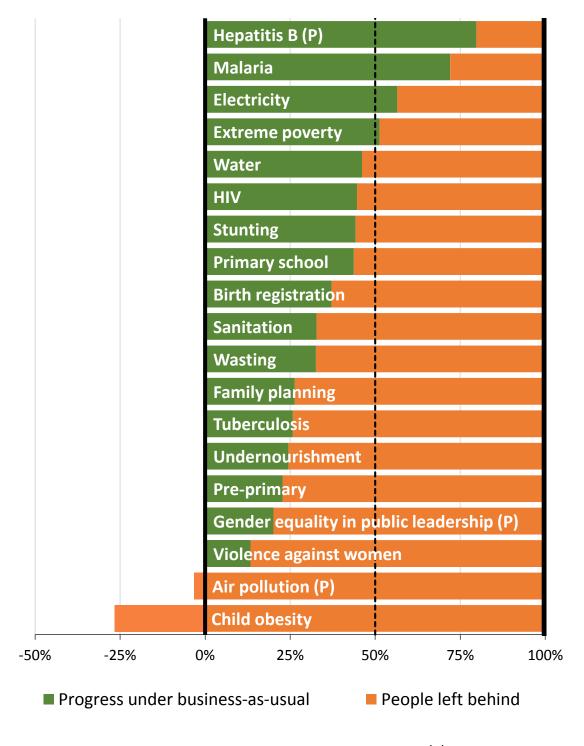


Fig 6. Life-and-death targets: forty million lives at stake, cumulative 2018-2030

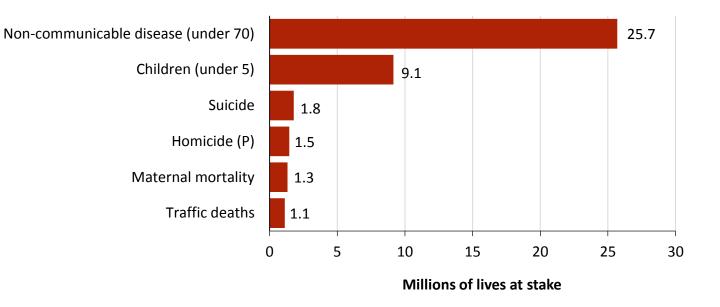
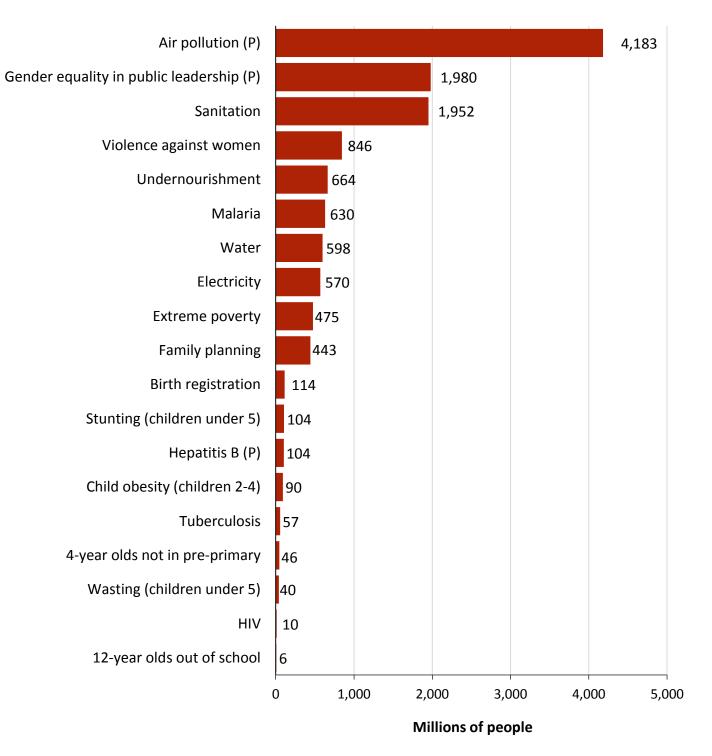


Fig 7. Basic needs targets: millions of people's basic needs at stake by 2030



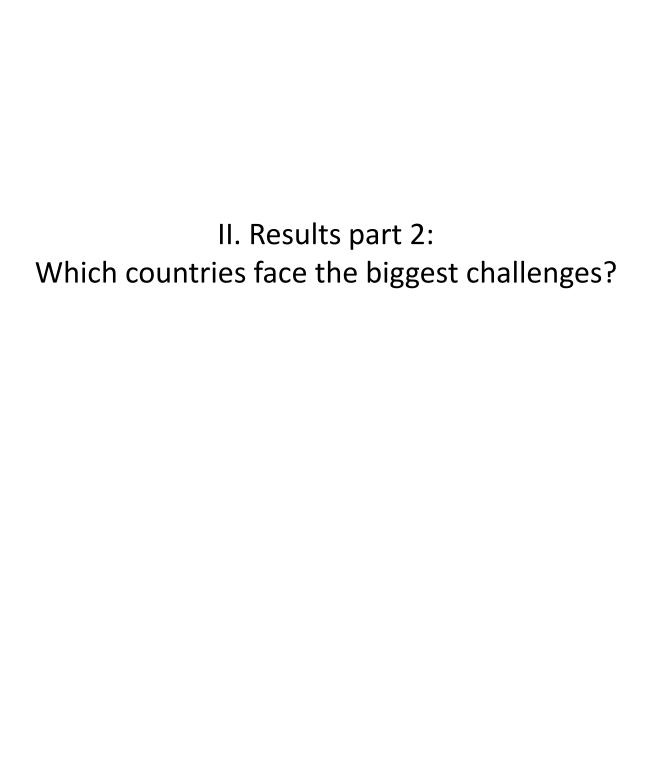
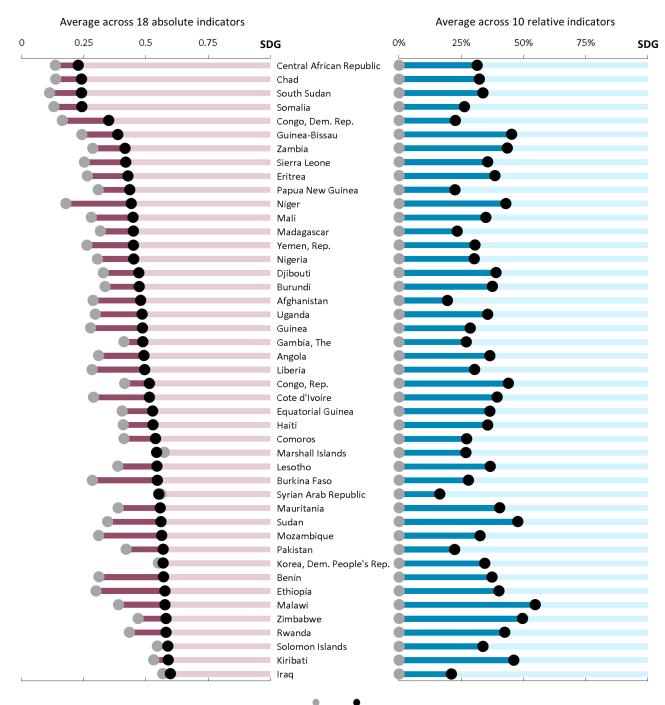


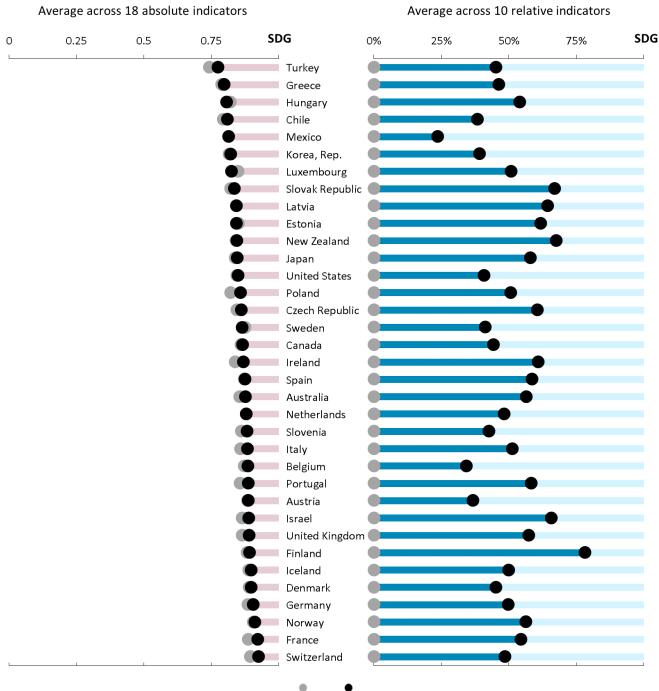
Fig 8. The most off-track countries' progress by 2030 under business-as-usual



Average distance in: 2015 2030

Note: For absolute targets, "distance to the frontier" ranges from index of 0 (worst score in 2015) to 100 (SDG target). For relative targets, share of distance traveled is from each country's 2015 starting value.

Fig 9. OECD countries' progress by 2030 under business-as-usual



Average distance in: 2015 2030

Note: For absolute targets, "distance to the frontier" ranges from index of 0 (worst score in 2015) to 100 (SDG target). For relative targets, share of distance traveled is from each country's 2015 starting value.

Fig 10. Share of lives (and needs) at stake on each absolute indicator, by country

	Extreme poverty	Undernourishment	Child obesity	Stunting	Wasting	Maternal mortality	Child mortality	Family planning	Primary school	Pre-primary	Violence against women	Gender equal. In leadership (P)	Water	Sanitation	Electricity	Birth registration
Nigeria	25%	5%	5%	-	10%	34%	30%	8%			3%	6%	6%	10%	7%	25%
India	-	26%	15%	33%	21%	3%	-	20%	-	41%	23%	25%	14%	26%	-	-
Congo, Dem. Rep.	15%		2%	5%	3%	11%	12%	3%	-	7%	2%	3%	10%	5%	15%	15%
Pakistan	-	6%	<1%	6%	8%	1%	14%	5%	10%	2%	4%	4%	5%	2%	-	10%
China	-	6%	12%	5%	3%	-	-	3%	-	-	12%	15%	-	8%	-	
Ethiopia	-	4%	2%	6%	4%	<1%	<1%	<1%	15%	2%	3%	-	9%	6%	4%	15%
Uganda	2%	6%	1%	2%	<1%	2%	-	1%	13%	4%	<1%	<1%	6%	3%	5%	
Indonesia	-	-	4%	3%	6%	-	-	3%	-	<1%	3%	3%	-	2%	-	-
United States	-	-	4%	<1%	<1%	-	-	3%		3%	2%	4%	<1%	<1%	-	-
Bangladesh	-	3%	<1%	2%	3%	-	-	2%	-	2%	3%	2%	<1%	3%	-	7%
Mozambique	3%	1%	1%	<1%	<1%	2%	<1%	1%	6%		<1%	<1%	2%	1%	4%	
Sudan	2%		<1%	2%	2%	1%	3%	2%	9%	<1%	<1%	<1%	2%	1%	5%	-
Brazil	-	-	4%	<1%	<1%	1	-	1%		ı	2%	4%	-	<1%	-	-
Chad	2%	<1%	<1%	<1%	<1%	2%	4%	<1%	4%		<1%	<1%	2%	<1%	3%	3%
Cote d'Ivoire	<1%	<1%	<1%	<1%	<1%	3%	3%	1%	1%	2%	<1%	<1%	1%	1%	1%	<1%
Madagascar	5%	4%	<1%	2%	3%	<1%	-	1%	2%	1%	<1%	<1%	2%	2%	4%	<1%
Malawi	2%	2%	<1%	<1%	<1%	3%	-	-	-		<1%	<1%	<1%	<1%	4%	-
Mexico	-	<1%	2%	<1%	<1%	-	ı	2%	-	3%	1%	-	-	-	-	<1%
Niger	2%	<1%	<1%	2%	3%	2%	3%	<1%	-	2%	<1%	<1%	3%	1%	5%	-
Somalia	2%		<1%	<1%	2%	2%	4%	<1%			<1%	<1%	1%	1%	2%	
South Sudan	4%		<1%	<1%	<1%	2%	1%	<1%			<1%	<1%			2%	
Tanzania	2%	3%	1%	2%	1%	2%	2%	1%	-	3%	1%	<1%	4%	3%	4%	6%
Other countries	36%	33%	42%	26%	25%	27%	22%	40%	40%	26%	35%	32%	32%	24%	35%	19%



Note: Percentages indicate country's share of the global lives or needs at stake for each indicator; countries are included in the figure if they are in the Top 5 most lives at stake for at least one indicator.

Fig 11. Share of lives (and needs) at stake on each relative indicator, by country

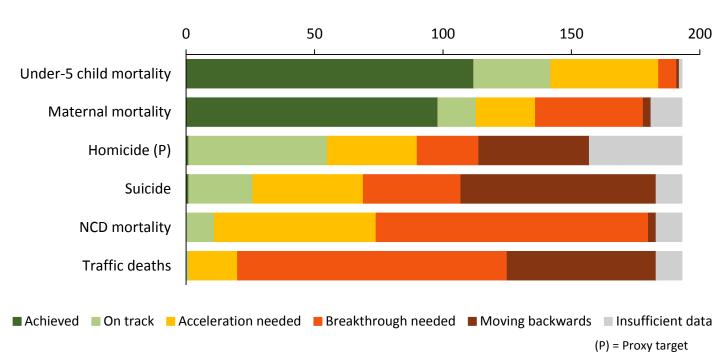
	VIH	Hepatitis B (P)	Malaria	Tuberculosis	Non-communicable disease	Suicide	Traffic deaths	Air pollution (P)	Homicide (P)
India	8%	1%	-	22%	21%	11%	24%	18%	7%
China	2%	12%	-	6%	13%	23%	17%	17%	-
Nigeria	6%	8%	46%	6%	5%	4%	2%	3%	2%
Indonesia	1%	3%	-	11%	7%	<1%	2%	4%	<1%
Pakistan	1%	6%	-	6%	4%	<1%	2%	3%	9%
United States	3%	2%	-	<1%	7%	13%	2%	4%	<1%
Brazil	3%	2%	-	<1%	<1%	3%	4%	3%	23%
Kenya	7%	2%	8%	<1%	<1%	<1%	1%	<1%	2%
Philippines	4%	3%	-	8%	3%	<1%	3%	1%	6%
Bangladesh	-	6%	-	4%	2%	<1%	1%	2%	1%
Congo, Dem. Rep.	3%	5%	-	4%	2%	2%	2%	1%	3%
Ethiopia	5%	3%	-	<1%	1%	2%	3%	2%	<1%
Mali	<1%	<1%	7%	<1%	<1%	<1%	<1%	<1%	<1%
Mexico	2%	<1%	-	<1%	1%	3%	<1%	2%	17%
Niger	<1%	2%	6%	<1%	<1%	<1%	<1%	<1%	
Rwanda	-	<1%	6%	<1%	<1%	<1%	<1%	<1%	<1%
South Africa	6%	<1%	<1%	3%	<1%	1%	<1%	<1%	1%
Sri Lanka	<1%	<1%	-	<1%	<1%	3%	<1%	<1%	-
Ukraine	5%	<1%	-	<1%	<1%	<1%	<1%	<1%	
Venezuela, RB	<1%	<1%	-	<1%	<1%	-	1%	<1%	9%
Other countries	42%	42%	26%	25%	30%	35%	32%	36%	19%



Note: Percentages indicate country's share of the global lives or needs at stake for each indicator; countries are included in the figure if they are in the Top 5 most lives at stake for at least one indicator.

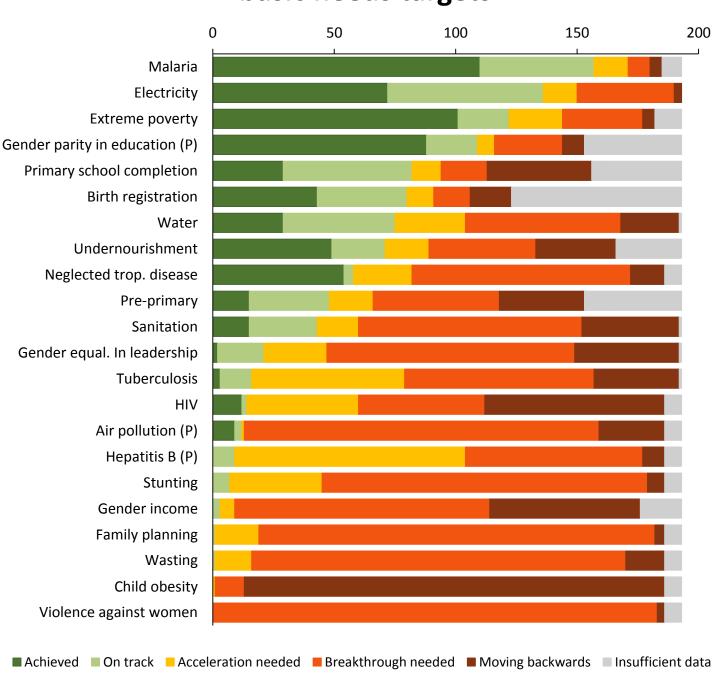
Appendixes

Appendix 1. Number of countries on track for life-and-death targets



Note: "Acceleration needed" = on course to cover from 50 to 99 percent of 2015 distance to target. "Breakthrough needed" = on course to cover between 0 to 49 percent of 2015 distance to target

Appendix 2. Number of countries on track for basic needs targets



Note: "Acceleration needed" = on course to cover from 50 to 99 percent of 2015 distance to target. "Breakthrough needed" = on course to cover between 0 to 49 percent of 2015 distance to target

Appendix 3. Notes for figures

- Fig 2. Notes: for three indicators, we calculate countries' business-as-usual trajectories but do
 not calculate lives affected: 3.3 neglected tropical disease; 4.5 gender parity in primary and
 secondary enrollment; and 5.1 gender parity in income.
- Fig 4. Notes: homicide assumes proxy target of 50% reduction; traffic deaths are cumulative from 2015-2020; maternal mortality applies global target of 70 to each country
- Fig 5. Notes: air pollution and Hepatitis B assume proxy target of 50% reduction; malaria, neglected tropical disease, tuberculosis, and HIV apply WHO global target to each country; Hepatitis B, malaria, HIV, and Tuberculosis are cumulative from 2015-2030; gender equality in public leadership assumes proxy target of parity and applies the parity gap in national public officials to the female population.
- Fig 6. Notes: traffic deaths are cumulative for 2018-2020, the target end year; homicides
 assumes proxy target of 50% reduction; maternal mortality applies global target of 70 to each
 country
- Fig 7. Notes: air pollution and Hepatitis B assume proxy target of 50% reduction; malaria, neglected tropical disease, tuberculosis, and HIV apply WHO global target to each country; Hepatitis B, malaria, HIV, and Tuberculosis are cumulative from 2018-2030; gender equality in public leadership assumes proxy target of parity and applies the parity gap in national public officials to the female population.
- Fig 8. Notes: the 45 countries listed are on average at least 0.4 from the absolute targets in 2030 on business-as-usual. Data for other countries available upon request.
- Fig 9. Notes: the 35 countries listed are OECD members as of June 2018.
- Fig 10. Notes: maternal mortality applies global target of 70 to each country; maternal mortality and child mortality are cumulative deaths from 2018-2030; gender equality in public leadership assumes proxy target of parity and applies the parity gap in national public officials to the female population.
- Fig 11. Notes: malaria, Tuberculosis, and HIV apply WHO global target to each country; air pollution and Hepatitis B assume proxy target of 50% reduction; Hepatitis B, malaria, HIV, NCD mortality, Tuberculosis, suicide, and homicide are cumulative from 2018-2030; traffic deaths are cumulative from 2018-2020.

Appendix 3. notes for figures (cont.)

- Appendix 1. Notes: homicide assumes proxy target of 50% reduction maternal mortality applies global target of 70 to each country
- Appendix 2. Notes: air pollution and Hepatitis B assume proxy target of 50% reduction; gender
 equality in public leadership assumes proxy target of parity; malaria, neglected tropical disease,
 Tuberculosis, and HIV apply WHO global target to each country

Key references

Extreme poverty 2030 trajectory:

World Data Lab. 2018. "The World Poverty Clock" http://worldpoverty.io/ (accessed: May 30, 2018).

Lives at stake methodology:

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Target classification and trajectory analysis methodology:

McArthur, John W. and Krista Rasmussen. 2017. "Who and what gets left behind? Assessing Canada's domestic status on the Sustainable Development Goals." *Global Economy and Development Working Paper* 108. October. Washington, DC: Brookings Institution.