

S3 Table. Projected global gross expenditures on R&D, 2015-2050

	GERD								Share of World/Regional Total							
	2015	2020	2025	2030	2035	2040	2045	2050	2015	2020	2025	2030	2035	2040	2045	2050
	<i>(billions of 2009 international dollars)</i>								<i>(Percent)</i>							
High Income	1,166.0	1,388.3	1,612.9	1,832.0	2,048.0	2,256.2	2,465.2	2,680.0	66.0	62.3	58.5	54.8	51.2	47.4	43.5	39.7
United States	481.8	570.0	641.4	705.0	768.5	834.2	902.9	976.5	41.3	41.1	39.8	38.5	37.5	37.0	36.6	36.4
Japan	157.5	171.5	190.1	206.0	219.0	229.0	238.4	248.1	13.5	12.4	11.8	11.2	10.7	10.2	9.7	9.3
Germany	99.2	110.4	116.8	120.2	123.6	128.3	134.1	141.0	8.5	8.0	7.2	6.6	6.0	5.7	5.4	5.3
Republic of Korea	62.9	72.1	85.4	101.5	120.0	135.8	149.7	160.3	5.4	5.2	5.3	5.5	5.9	6.0	6.1	6.0
France	56.5	71.8	86.2	98.2	108.1	116.9	126.0	135.7	4.8	5.2	5.3	5.4	5.3	5.2	5.1	5.1
United Kingdom	41.7	56.8	75.9	96.0	113.5	127.9	140.1	150.7	3.6	4.1	4.7	5.2	5.5	5.7	5.7	5.6
Upper Middle Income	521.8	730.4	994.9	1,303.6	1,658.9	2,073.2	2,554.2	3,103.0	29.5	32.8	36.1	39.0	41.4	43.5	45.1	45.9
China	358.9	515.9	708.3	915.5	1,131.7	1,367.9	1,638.2	1,955.3	68.8	70.6	71.2	70.2	68.2	66.0	64.1	63.0
Former Soviet Union	46.4	57.6	73.0	94.8	126.2	170.8	229.7	296.4	4.0	4.1	4.5	5.2	6.2	7.6	9.3	11.1
Brazil	38.5	53.8	75.9	107.0	146.9	190.0	230.2	266.6	7.4	7.4	7.6	8.2	8.9	9.2	9.0	8.6
Turkey	14.4	20.0	28.3	40.6	59.1	86.0	122.1	163.7	2.8	2.7	2.8	3.1	3.6	4.1	4.8	5.3
Iran	9.3	12.6	16.6	22.1	29.5	39.6	53.4	72.5	1.8	1.7	1.7	1.7	1.8	1.9	2.1	2.3
Lower Middle Income	75.1	101.5	139.1	194.4	277.8	407.0	610.5	925.9	4.2	4.6	5.0	5.8	6.9	8.5	10.8	13.7
India	57.4	79.5	111.9	160.6	236.0	355.4	547.2	848.3	76.4	78.3	80.4	82.6	84.9	87.3	89.6	91.6
Egypt	4.1	5.5	7.2	9.3	12.0	15.2	18.7	22.6	5.5	5.4	5.2	4.8	4.3	3.7	3.1	2.4
Pakistan	2.9	3.5	4.3	5.3	6.3	7.4	8.5	9.7	3.8	3.5	3.1	2.7	2.3	1.8	1.4	1.0
Low Income	4.9	6.7	9.2	12.7	17.9	25.4	35.8	49.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.7
Kenya	1.1	1.6	2.5	3.9	6.4	10.2	15.6	22.5	21.7	24.0	27.1	31.0	35.4	40.0	43.6	45.5
Tanzania	0.5	0.7	1.1	1.7	2.5	3.7	5.5	7.8	9.8	11.0	12.2	13.2	14.1	14.7	15.2	15.9
Uganda	0.4	0.5	0.8	1.1	1.6	2.3	3.4	4.8	7.3	7.8	8.3	8.7	9.0	9.2	9.4	9.8
Ethiopia PDR	0.4	0.5	0.6	0.8	0.9	1.1	1.2	1.3	7.4	7.3	6.9	6.1	5.2	4.2	3.4	2.7
East/South Asia and Pacific	435.3	619.9	852.3	1,119.2	1,426.2	1,802.3	2,288.2	2,931.0	24.6	27.8	30.9	33.5	35.6	37.8	40.4	43.4
Europe and Central Asia	69.9	90.3	119.1	160.5	220.1	304.1	413.5	537.6	4.0	4.1	4.3	4.8	5.5	6.4	7.3	8.0
LAC	64.3	85.7	115.5	156.5	208.5	265.4	319.8	371.1	3.6	3.8	4.2	4.7	5.2	5.6	5.6	5.5
MENA	19.2	25.6	33.8	45.0	60.0	80.0	106.0	139.8	1.1	1.1	1.2	1.3	1.5	1.7	1.9	2.1
SSA	13.2	17.1	22.3	29.6	39.7	53.8	73.1	98.7	0.7	0.8	0.8	0.9	1.0	1.1	1.3	1.5
World Total	1,767.9	2,226.8	2,756.1	3,342.8	4,002.6	4,761.7	5,665.7	6,758.3	100	100	100	100	100	100	100	100

Source: Baseline projections. See S1 File (including Table A1) for additional details.

Notes: Country-specific shares are shares of respective income class.