

Summary of main performance indicators⁽¹⁾

GRI ref.	Indicator description	2014 data assured	2014	2013	2012	2011	2010
Environmental	Materials						
	Phthalates (tons)	✓	258	21	28	47	31
	Brominated flame retardants (tons)	✓	1.9	2.9	~0	~0	~0
	Lead in submarine cables (tons)	✓	7,842	7,236	5,633	5,725	3,632
	Organic lead in polymers (tons)	✓	0.1	0.6	0.9	1.3	52
	Lead in other products (tons), e.g. backup batteries and counterweights in robots	✓	1,884	2,601	363	227	265
	Cadmium in industrial batteries (tons)	✓	4.4	4.4	5.6	1.6	1.7
	Cadmium in rechargeable batteries (tons)	✓	75.1	67.6	6.3	10	5.9
	Cadmium in lead alloy and other uses (tons)	✓	6.0	5.7	4.5	4.3	2.9
	Mercury in products (tons)	✓	0.071	0.012	0.011	0.030	0.038
	SF ₆ insulation gas (inflow to ABB facilities) (tons)	✓	1,483	1,438	1,139	1,052	968
	SF ₆ insulation gas (outflow to customers) (tons)	✓	1,466	1,425	1,118	1,040	959
	No. of transformers with PCB oil in ABB facilities	✓	0	1	1	2	3
	No. of capacitors with PCB oil in ABB facilities	✓	0	60	32	0	0
	Mercury in instruments in ABB facilities (tons)	✓	0.320	0.371	0.203	0.263	0.422
EN3	Energy consumption (Gigawatt-hours – GWh)						
	Oil (11.63 MWh/ton)	✓	85	94	93	92	114
	Diesel (11.75 MWh/ton) ^{a,b}	✓	11	0	0	0	0
	Coal (7.56 MWh/ton)	✓	0	4	0	0	0
	Gas ^b	✓	706	754	556	417	427
	District heat consumption ^{b,c}	✓	198	251	219	195	223
	Electricity consumption ^{b,c}	✓	1,629	1,705	1,599	1,447	1,335
	Total energy used		2,629	2,808	2,467	2,151	2,099
	Electricity sold ^d	✓	2	–	–	–	–
EN5	Energy intensity (MWh/million USD)						
	Megawatt-hours (MWh) per million USD sales	✓	66.01	67.10	65.25	59.68	66.45
EN6	Reduction of energy consumption (GWh)^e						
			34.4	na	na	na	na

⁽¹⁾ Note that in this table, data for the Thomas & Betts acquisition is included from 2013 onwards. Data for the Baldor acquisition is included from 2012 onwards.

^a Diesel consumption is reported for the first time in 2014.

^b Results for these indicators are based on reported data covering 93 percent of employees in 2014 (85–88 percent in earlier years) plus estimated energy use per employee for the remaining employees. See the Approach to reporting section for more details.

^c ABB Sustainability Performance Reports prior to 2014 included calculated "losses at utilities" for district heat and purchased electricity consumption in total energy consumption. In this report, those loss calculations have been removed for all years shown.

^d Data for electricity sold is reported for the first time in 2014.

^e Data for reduction of energy consumption is reported for the first time in 2014.

GRI ref.	Indicator description	2014 data assured	2014	2013	2012	2011	2010
EN8	Water withdrawal (kilotons)						
	Purchased from water companies ^f		4,200	4,400	3,900	3,400	3,300
	Groundwater extracted by ABB		3,100	3,200	3,000	3,200	2,700
	Surface water extracted by ABB		2,800	2,700	2,800	2,600	2,900
	Collection of rain water		<100	<100	<100	<100	<100
	Waste water from external source		<100	<100	<100	<100	<100
	Total water withdrawal		10,100	10,300	9,700	9,200	8,900
EN10	Water recycled and reused						
	Volume of water reused and recycled (kilotons)		5,200	5,900	3,700	3,900	3,000
	As percentage of total water withdrawal (%)		51	57	38	42	34
	Greenhouse gas emissions^g (kilotons CO₂ equivalents)						
EN15	Scope 1						
	CO ₂ from the use of energy	✓	169	179	137	109	117
	SF ₆ (in CO ₂ equivalents)	✓	372	280	332	263	247
	CO ₂ from transport by own fleet ^h	✓	350	350	350	350	350
EN16	Scope 2ⁱ						
	District heat consumption	✓	50	63	55	50	57
	Electricity consumption	✓	816	850	802	736	698
EN17	Scope 3						
	Air travel ^{l,k}	✓	196	152	171	185	160
	Total greenhouse gas emissions		1,953	1,874	1,847	1,693	1,629
EN18	Greenhouse gas (GHG) emissions intensity (tons CO₂ equivalents/million USD)						
	Tons CO ₂ equivalents per million USD sales ^l	✓	49.0	44.8	48.9	47.0	51.6
EN21	Emissions of volatile organic compounds (tons)						
	Volatile organic compounds (VOC)	✓	1,291	1,210	1,355	810	786
	Chlorinated volatile organic compounds (VOC-Cl)	✓	20	20	12	13	11
	Emissions of NO_x and SO_x (tons SO₂ and NO₂)						
	SO _x from burning coal		0	3	0	0	0
	SO _x from burning oil		65	69	69	68	84
	NO _x from burning coal		0	2	0	0	0
	NO _x from burning oil		49	52	52	51	63
	NO _x from burning gas		126	163	120	90	92

^f Results for this indicator are based on reported data covering 93 percent of employees in 2014 (85–88 percent in earlier years) plus estimated water purchased per employee for the remaining employees. See the Approach to reporting section for more details.

^g See Approach to sustainability reporting chapter for more details on GHG emission calculation.

^h Estimated data.

ⁱ GHG emissions from district heat consumption and electricity consumption includes a factor for losses at utilities.

^j The air travel indicator includes data from ABB China and Thomas & Betts for the first time in 2014.

^k 2013 data for air travel is calculated using the emission factors published by UK Department of Environment, Food and Rural Affairs (DEFRA in its "2012 Guidelines to DEFRA/DECC's GHG Conversion Factors for Company Reporting. Data from 2012 and 2011 were calculated using emission factors provided by DEFRA in its 2009 Guidelines. Use of the 2012 factors gives a slightly lower total. For comparison, ABB's air travel emissions for 2012 calculated using the 2012 emission factors= 165 kton CO₂ equivalent.

^l 2012 data does not include GHG emissions or revenues from Thomas & Betts activities. 2011 data does not include GHG emissions or revenues from Baldor activities.

GRI ref.	Indicator description	2014 data assured	2014	2013	2012	2011	2010
EN22	Water discharge by quality and destination (kilotons)^m						
	Public sewer		3,000	3,600	2,800	na	na
	treated (percentage)		30%	31%	29%	na	na
	untreated (percentage)		70%	69%	71%	na	na
	Recipient		2,900	2,300	2,000	na	na
	treated (percentage)		90%	87%	45%	na	na
	untreated (percentage)		10%	13%	55%	na	na
	Hazardous treatment company		400	500	500	na	na
	treated (percentage)		75%	60%	80%	na	na
	untreated (percentage)		25%	40%	20%	na	na
	External use		<100	<100	0	na	na
	treated (percentage)		50%	50%	0%	na	na
	untreated (percentage)		50%	50%	0%	na	na
EN23	Waste (kilotons)						
	Scrap metal recycled	✓	162	185	150	97	135
	Non-hazardous waste recycled ⁿ	✓	49	52	41	39	44
	Non-hazardous waste sent for disposal ⁿ	✓	44	50	43	45	38
	Hazardous waste recycled ^o	✓	5	5	0	0	0
	Hazardous waste sent for disposal ^o	✓	13	9	12	9	9
EN24	Numbers of significant spills						
	Oil spills		7	13	6	5	4
	Chemical spills		0	0	0	0	0
	Emissions to air		3	3	5	4	0
	Others		0	4	0	0	3
	Total number of significant spills		10	20	11	9	7

^m Data is not available in this form for 2010 and 2011.

ⁿ Results for these indicators are based on reported data covering 93 percent of employees in 2014 (85–88 percent in earlier years) plus estimated data per employee for the remaining employees. See the Approach to reporting section for more details.

^o Hazardous waste as classified in country where it is generated.

GRI ref.	Indicator description	2014 data assured	2014	2013	2012	2011	2010
Social							
LA1	Total number and rates of new employee hires and employee turnover						
	Total workforce by region (ABB employees)						
	Europe		63,000	65,000	64,000	60,300	58,800
	The Americas		32,200	34,400	34,400	25,900	17,700
	Asia		37,100	39,400	38,300	37,400	30,900
	Middle East and Africa		8,100	8,900	9,400	10,000	9,100
	Total		140,400	147,700	146,100	133,600	116,500
	Employee turnover						
	Turnover of all employees ^P						
	Europe		5,877 9%	5,387 9%	5,083 8%	5,712 10%	6,351 11%
	The Americas		5,379 17%	4,760 14%	3,689 14%	2,823 15%	2,567 16%
	Asia		4,747 13%	4,681 13%	4,149 12%	4,615 13%	4,346 14%
	Middle East and Africa		954 17%	853 14%	911 15%	854 14%	463 8%
	Total employee turnover: ABB Group		16,957 12%	15,681 11%	13,832 11%	14,004 12%	13,727 12%
	Turnover of all female employees ^P						
	Europe		1,370 2%	1,217 2%	1,218 2%	1,364 2%	1,407 2%
	The Americas		1,307 4%	1,026 3%	676 3%	531 3%	631 4%
	Asia		1,177 3%	1,261 3%	1,023 3%	1,086 3%	1,060 4%
	Middle East and Africa		134 2%	97 2%	70 1%	184 3%	51 <1%
	Total female employee turnover: ABB Group		3,882 3%	3,601 3%	2,987 2%	3,165 3%	3,149 3%
	Employee hires						
	Hires of all employees ^{P,Q}						
	Europe		6,195 10%	6,086 10%	6,793 11%	6,593 11%	na na
	The Americas		4,142 13%	4,246 12%	4,034 15%	4,462 23%	na na
	Asia		3,687 10%	3,777 10%	3,193 9%	4,389 13%	na na
	Middle East and Africa		1,806 32%	1,442 24%	2,682 44%	4,426 72%	na na
	Total employee hires: ABB Group		15,830 12%	15,551 11%	16,702 13%	19,870 17%	na na
	Hires of all female employees ^{P,Q}						
	Europe		1,597 3%	1,453 2%	1,590 3%	1,493 3%	na na
	The Americas		1,010 3%	971 3%	821 3%	854 4%	na na
	Asia		1,135 3%	1,301 4%	940 3%	1,486 4%	na na
	Middle East and Africa		173 3%	166 3%	273 4%	380 6%	na na
	Total female employee hires: ABB Group		3,915 3%	3,891 3%	3,624 3%	4,213 4%	na na

^P Includes part-time employees. Turnover rate calculated as number of ABB employees (full- and part-time) leaving during the year/total number of ABB employees (full- and part-time) as at 31 December. For the purpose of this calculation, employees who leave the organization voluntarily or involuntarily whether due to dismissal, restructuring, retirement, or death in service or any other reason, are included. However, involuntary turnover arising out of divestments is excluded from the definition.

^Q Data for employee hires was not collected in 2010.

GRI ref.	Indicator description	2014 data assured	2014	2013 ^f	2012 ^g	2011	2010
LA6	Occupational health and safety: Injuries, lost days, diseases and fatalities						
	Employee work-related fatalities	✓	1	0	1	0	1
	Incident rate	✓	0.01	0	0.01	0	0.01
	Employee business travel fatalities	✓	0	0	1	0	2
	Incident rate	✓	0	0	0.01	0	0.02
	Contractor work-related fatalities	✓	2	7	2	0	2
	Contractor business travel fatalities	✓	0	0	0	0	0
	Members of the public fatalities	✓	0	1	0	0	0
	Employee total recordable incident number [†]	✓	1,500	1,664	1,750	1,505	1,426
	Incident rate [†]	✓	9.95	10.94	13.04	13.17	13.48
	Contractor total recordable incident number [†]	✓	333	310	348	307	258
	Incident rate [†]	✓	7.76	7.52	8.21	7.47	7.00
	Employee lost time incident number [†]	✓	652	686	683	722	761
	Incident rate [†]	✓	4.34	4.70	4.80	5.70	6.80
	Contractor lost time incident number [†]	✓	200	158	159	148	120
	Incident rate [†]	✓	4.65	3.83	3.76	3.60	3.25
	Employee lost days due to industrial incidents	✓	8,415	10,591	10,345	9,478	8,362
	Lost day rate	✓	55.220	77.500	74.640	69.560	66.370
	Employee occupational health diseases	✓	17	10	10	7	13
	Employee occupational health disease rate	✓	0.11	0.14	0.07	0.06	0.05
	Data by region^u						
	Employee work-related fatalities			-	-	-	-
	Europe	✓	0	-	-	-	-
	The Americas	✓	0	-	-	-	-
	Asia	✓	0	-	-	-	-
	Middle East and Africa	✓	1	-	-	-	-
	Employee business travel fatalities						
	Europe	✓	0	-	-	-	-
	The Americas	✓	0	-	-	-	-
	Asia	✓	0	-	-	-	-
	Middle East and Africa	✓	0	-	-	-	-
	Contractor work-related fatalities						
	Europe	✓	0	-	-	-	-
	The Americas	✓	0	-	-	-	-
	Asia	✓	0	-	-	-	-
	Middle East and Africa	✓	2	-	-	-	-

^f Data from Thomas & Betts, a company acquired by ABB during 2012, does not include contractors.

^g This data does not include incidents from Thomas & Betts, a company acquired by ABB during 2012.

[†] Data includes incidents that happened at workplace (ABB facility, customer site, project site).

^u Data by region reported for the first time in 2014.

GRI ref.	Indicator description	2014 data assured	2014	2013	2012	2011	2010
	Contractor business travel fatalities						
	Europe	✓	0	-	-	-	-
	The Americas	✓	0	-	-	-	-
	Asia	✓	0	-	-	-	-
	Middle East and Africa	✓	0	-	-	-	-
	Employee total recordable incident rate [†]						
	Europe	✓	11.32	-	-	-	-
	The Americas	✓	14.80	-	-	-	-
	Asia	✓	4.39	-	-	-	-
	Middle East and Africa	✓	3.43	-	-	-	-
	Contractor total recordable incident rate [†]						
	Europe	✓	18.41	-	-	-	-
	The Americas	✓	13.39	-	-	-	-
	Asia	✓	2.59	-	-	-	-
	Middle East and Africa	✓	3.66	-	-	-	-
	Employee lost time incident rate [†]						
	Europe	✓	6.48	-	-	-	-
	The Americas	✓	4.03	-	-	-	-
	Asia	✓	1.15	-	-	-	-
	Middle East and Africa	✓	1.36	-	-	-	-
	Contractor lost time incident rate [†]						
	Europe	✓	12.79	-	-	-	-
	The Americas	✓	8.23	-	-	-	-
	Asia	✓	0.65	-	-	-	-
	Middle East and Africa	✓	1.74	-	-	-	-
	Employee lost day rate						
	Europe	✓	75.73	-	-	-	-
	The Americas	✓	64.55	-	-	-	-
	Asia	✓	20.5	-	-	-	-
	Middle East and Africa	✓	13.76	-	-	-	-
	Employee occupational health disease rate						
	Europe	✓	0.19	-	-	-	-
	The Americas	✓	0.11	-	-	-	-
	Asia	✓	0	-	-	-	-
	Middle East and Africa	✓	0	-	-	-	-

[†] Data includes incidents that happened at workplace (ABB facility, customer site, project site).

GRI ref.	Indicator description	2014 data assured	2014	2013	2012	2011	2010
HR3	Non-discrimination						
	Total number of incidents of discrimination		1	1	2	5	6
	Total number of incidents of harassment		10	10	13	32	18
SO6	Public policy						
	Financial and in-kind political contributions		\$13,000	0	\$30,000	\$500	\$9,000
LA9	Training and education						
	Training per year per employee (average hours)						
	Brazil		20	25	27	25	26
	Canada		20	18	22	21	21
	China		26	27	31	34	40
	Finland		19	18	14	13	13
	Germany		18	16	16	16	16
	India		12	12	18	5	4
	Italy		12	19	16	17	17
	Sweden		12	12	12	12	10
	Switzerland		16	20	19	17	20
	USA		32	28	24	25	25
LA12	Diversity and equal opportunity						
	Composition of governance bodies						
	Board of Directors						
	Women in Board (percentage)		13%	13%	13%	13%	0%
	Age group diversity total (percentage)						
	<30 years old		0%	0%	0%	0%	0%
	30–50 years old		0%	0%	0%	0%	0%
	>50 years old		100%	100%	100%	100%	100%
	Number of nationalities total		7	7	7	7	6
	Executive Committee						
	Women in Executive Committee (percentage)		9%	9%	8%	9%	10%
	Age group diversity total (percentage)						
	<30 years old		0%	0%	0%	0%	0%
	30–50 years old		36%	45%	25%	27%	30%
	>50 years old		64%	55%	75%	73%	70%
	Number of nationalities total		8	8	8	8	8