

1.0 Safety & Health	2019	2018	2017	2016	2015
Safety					
Accidents					
MSHA Reportable Injury Rate (#)					
Vulcan	1.08	0.89	0.9	1.27	1.32
Industry	1.64	1.69	1.69	1.91	1.97
Near-Miss Incidents Reported (#)	1,471	1,391	* program and data collection began in 2018*		
MSHA Reportable & OSHA Recordable Injury Rate (#)	0.97	0.92	0.99	1.36	1.49
Vulcan Facilities with Zero Lost-Time Injuries (%)	94	94	95	92	92
Reportable/Recordable Injury Per 200,000 Hours Worked (#)	0.97	0.92	0.99	1.36	1.49
Fatal Accidents (#)	2	0	0	2	0
Inspections					
MSHA Citation Rate (#)					
Vulcan	0.69	0.69	0.68	0.76	0.90
Industry	2.12	2.07	2.15	2.24	2.29
MSHA Inspections with Zero Citations (%)	64	65	60	58	55
Training & Audits					
Safety & Health Training Delivered (hours)	123,257	118,400	* data not available *		
Safety & Health Audits Conducted (#)	~100	~100	* data not available *		
Health					
Employee Participation in Voluntary Health Screening (%)	96	97	97	97	96
MSHA Respirable Dust/Silica Exposure Sampling (%)					
Within Standard	98	98	99	99	99.1
Not Meeting Standard	2	2	1	1	0.9
MSHA Noise Exposure Sampling (%)					
Within Standard	96	98	98	97	97
Not Meeting Standard	4	2	2	3	3
2.0 Environmental Stewardship					
Environment					
Agency Inspections (#)	715	738	718	750	680
Agency Citations (#)	20	14	17	7	5
Citation-Free Inspections (%)	97	98	98	99	99
Environmental Awards & Recognitions (#)	37	4	7	2	2
Land Management					

Total Land Portfolio (acres)	~240,000	~240,000	~200,000	~200,000	~210,000		
Wildlife Habitat Council Certified Sites (#)	40	44		* data not available *			
Land Managed for Projects Recognized by WHC (acres)	11,720			* data not available *			
Land in Conservation Easements (acres)	6,300	5,500		* data not available *			
Energy Management, Greenhouse Gas Reduction	2019	2018	2017	2016	2015	2014	2013 (baseline)
Greenhouse Gas (GHG) Emissions							
Scope 1-2 Emissions							
Total Scope 1 and Scope 2 Emissions (MTCO2e)	997,999	951,169	922,159	888,798	852,118	929,655	1,585,535
Total Scope 1 and Scope 2 Emissions Versus 2013 Baseline (%)	62.9	60.0	58.2	56.1	53.7	58.6	100.0
Revenue Factor - Total Scope 1 and Scope 2 Emissions per Million \$ Revenue (#)	202.5	217.0	237.1	247.4	249.0	310.5	572.2
Total Scope 1 and Scope 2 Revenue Factor Versus 2013 Baseline (%)	35.4	37.9	41.4	43.2	43.5	54.3	100.0
Shipment Factor - Total Scope 1 and Scope 2 Emissions per Tons Shipped (#)	0.00431	0.00433	0.00457	0.00450	0.00439	0.00523	0.00972
Total Scope 1 and Scope 2 Shipment Factor Versus 2013 Baseline (%)	44.0	45.0	47.0	46.0	45.0	54.0	100.0
Scope 1 Emissions							
Total Scope 1 Emissions (MTCO2e)	626,221	588,921	592,159	580,756	549,261	549,104	1,154,980
Total Scope 1 Emissions Versus 2013 Baseline (%)	54.2	51.0	51.3	50.3	47.6	47.5	100.0
Revenue Factor - Total Scope 1 Emissions per Million \$ Revenue (#)	127.1	134.4	152.2	161.6	160.5	183.4	416.8
Scope 1 Revenue Factor Versus 2013 Baseline (%)	30.5	32.2	36.5	38.8	38.5	44.0	100.0
Shipment Factor - Total Scope 1 Emissions per Tons Shipped (#)	0.00271	0.00268	0.00293	0.00294	0.00283	0.00310	0.00708
Scope 1 Shipment Factor Versus 2013 Baseline (%)	38.3	37.9	41.4	41.5	40.0	43.8	100.0
Scope 2 Emissions							
Total Scope 2 Emissions (MTCO2e)	371,778	362,248	330,000	308,042	302,857	380,551	430,555
Total Scope 2 Emissions Versus 2013 Baseline (%)	86.3	84.1	76.6	71.5	70.3	88.4	100.0
Revenue Factor - Total Scope 2 Emissions per Million \$ Revenue (#)	75.4	82.6	84.8	85.7	88.5	127.1	155.4
Scope 2 Revenue Factor Versus 2013 Baseline (%)	48.5	53.2	54.6	55.2	57.0	81.8	100.0
Shipment Factor - Total Scope 2 Emissions per Tons Shipped (#)	0.00161	0.00165	0.00163	0.00156	0.00156	0.00214	0.00264
Scope 2 Shipment Factor Versus 2013 Baseline (%)	60.8	62.5	61.9	59.1	59.1	81.1	100.0
Revenue (\$)	4,929,103,000	4,383,000,000	3,890,000,000	3,593,000,000	3,422,000,000	2,994,000,000	2,614,000,000
Annual Shipments - All Products (tons)	234,717,000	219,697,600	201,934,800	197,479,000	194,260,400	177,844,100	156,114,200
Water Management	2019	2018	2017	2016	2015		
Permitted Water Discharge Limit Compliance (%)	99+	99+	99+	99+	* data not avail *		
Reportable Spills of Petroleum Substances and Oils							
> 55 Gallons (#)	1	2	2		* data not available *		
< 55 Gallons (#)	16	7	6		* data not available *		

Waste Management: Source Reduction & Recycling	2019	2018	2017	2016	2015
Total Waste Recycled (%)	42	41	64	48	72
Used Batteries - All Types Except Vehicle Batteries (tons)	10	7	10	10	10
Light Bulbs - All Types (#) (tons)	26,589 (16)	27,831 (16.7)	13,403 (8)	11,086 (6.7)	1400 (.84)
Empty Waste Aerosol Cans (tons)	47	15	4	2	2
Used Oil (gallons) (tons)	464,830 (1,627)	399,494 (1,398)	307,270 (1,075)	203,822 (713)	183,256 (641)
Used Filters (tons)	222	171	126	119	88
Antifreeze (gallons) (tons)	19,275 (93.5)	9,862 (48)	9,185 (44.5)	6,662 (32.3)	7,670 (37.2)
Material for Energy recovery/supplemental fuel (tons)	20	11	45	35	31
Total Waste Disposed					
Oily Water - Incineration/Water Treatment (gallons) (tons)	10,448 (42)	12,376 (50)	7,856 (31.4)	4,853 (19)	1,961 (7.8)
Vacuum disposal - Mixed Disposal Methods - Water and Dirt (gallons) (tons)	345,744 (2,247)	270,763 (1,760)	255,304 (1,659)	120,492 (783)	57,032 (371)
California Hazardous Waste - Estimated					
Used Oil - Management Method Not Determined (gallons) (tons)	44,000 (154)	41,810 (146)	36,501 (128)	40,162 (140.6)	49,465 (173)
Used Filters (tons)	23	21	6	5	1
Used Filters, Aerosol Cans, Paint Waste, Petroleum Contaminated Materials - Incineration/Landfill (tons)	450	21	6	5	1
EPA Hazardous Waste - Estimated (tons)	<10	<10	<10	<10	<10
Total Waste Intensity - Per 1,000 Tons Production All Products (tons)	0.030	0.017	0.026	0.006	0.014
Recycled Product Production	2019	2018	2017	2016	2015
Recycled Crushed Aggregate Base (tons)	1,919,254	1,849,073	1,697,670	1,756,615	1,916,477
Reclaimed Asphalt Pavement Used in Hot Mix Asphalt (tons)	1,606,388	1,036,006	1,330,045	1,223,631	1,225,320
3.0 People	2019	2018	2017	2016	2015
Overview					
Total Employees (#)	9,172	8,700	8,231	7,452	6,898
Total Employees - U.S. (#)	8,720	8,200	7,850	7,075	6,748
New Hires (#)	2,008	2,049	2,049	1,266	1,275
Veterans Employed (Self-Identified)	555	599	587	548	547
Interns Hired	84	102	71	84	42
Operations & Sales Trainees Hired	23	51	28	25	19
Employee Training Hours	225,000	215,000	* data not available *		
401(k) Employee Participation Rate (%)	94.7	91.4	94	96.5	93.1
Employees by Age (%)					
>20	1	1	* data not available *		
20-30	18	16	* data not available *		

30-40	21	20	* data not available *		
40-50	23	23	* data not available *		
50-60	26	28	* data not available *		
60-70	10	11	* data not available *		
Tenure	2019	2018	2017	2016	2015
Employee Turnover Rate	19	21	* data not available *		
Average Tenure (years)	10.9	11.58	* data not available *		
Employees by Tenure (%)					
0-2	30	25	* data not available *		
2-5	19	20	* data not available *		
5-10	10	9	* data not available *		
10-20	21	24	* data not available *		
20+	20	22	* data not available *		
Diversity	2019	2018	2017	2016	2015
Diversity of Workforce (%)	37.5		* data not available *		
Diversity of New Hires (%)	38	39.2	* data not available *		
Workforce Racial/Ethnic Diversity (%)					
White	67.8	72	72	72	72
Hispanic/Latino	16.7	17	16	16	16
Black	9.3	10	10	10	10
Asian	1.2	1	1	1	1
Other/Not Reported	5	0	1	1	1
Board Member Diversity (%)	36	22	* data not available *		
Salaried Non-Exempt Employees (#)	1,183	1,157	1,112	1,039	993
Male (%)	47.8	47	47.5	46.8	47.2
Female (%)	52.2	53	52.5	53.2	52.8
4.0 Community	2019	2018	2017	2016	2015
Total Giving & Support - Foundation, Non-Foundation and Matching Gifts (\$)	7,354,490	7,539,688	8,884,729	6,405,185	5,049,009
Foundation Giving (\$)	4,306,011	3,732,729	3,335,810	3,277,725	2,446,335
Education (%)	39	40	37	39	41
Environmental Stewardship (%)	16	13	14	12	12
Arts & Culture (%)	8	8	10	9	11
Civic & Community (%)	14	12	10	9	14
Health & Human Services (%)	22	27	28	31	22

Matching Giving (\$)	581,674	437,246	473,395	523,712	376,819
Education (%)	79	83	72	77	84
Hospitals (%)	3	1	1	3	2
Arts & Culture (%)	16	13	12	20	14
Employee Disaster Relief (%)	3	3	14	0	0
Foundation and Matching Gift Recipients (#)	785	799	830	770	657
Hunger	2019	2018	2017	2016	2015
Meals Donated (#)	469,601	430,198	339,169	* program started in 2017 *	
Food Donated (pounds)	590,873	516,238	407,003	* program started in 2017 *	
Education	2019	2018	2017	2016	2015
Partner Schools (#)	235	238	246	243	259
Scholarships Awarded (#)	154	141	116	118	115
Scholarship Funds Awarded (\$)	515,793	476,507	481,400	471,855	427,030
Other	2019	2018	2017	2016	2015
Visitors to Vulcan Facilities (#)	25,688	26,076	27,323	25,183	23,372
Quarry Crusher Run Participants (#)	3,542	2,355	2,560	1,960	797
Raised for Charity by Quarry Crusher Run Series (\$)	222,227	148,136	94,048	41,314	8,180
TV/Film Shoots Hosted (#)	3	8	5	5	6
Locations	2019	2018	2017	2016	2015
States Served + D.C., Mexico & The Bahamas (#)	20	20	20	20	20
Aggregates Facilities (#)	366	351	375	337	344
Hot Mix Asphalt Facilities (#)	70	67	64	53	53
Ready Mix Concrete Facilities (#)	53	46	57	59	56

Vulcan Materials Company generally reports ESG data on an annualized basis ending Dec. 31.
Please visit csr.vulcanmaterials.com for the most current information.