



1.0 Safety & Health		2020	2019	2018	2017	2016
Safety						
Accidents						
MSHA Reportable Injury Rate (#)						
Vulcan		0.91	1.08	0.89	0.9	1.27
Industry		1.51	1.64	1.69	1.69	1.91
Near-Miss Incidents Reported (#)		1877	1,471	1,391	* program and data collection began in 2018*	
MSHA Reportable & OSHA Recordable Injury Rate Per 200,000 Hours Worked (#)		0.88	0.99	0.92	0.99	1.36
Vulcan Facilities with Zero Lost-Time Injuries (%)		92	94	94	95	92
Fatal Accidents (#)		3	2	0	0	2
Inspections		2020	2019	2018	2017	2016
MSHA Citation Rate (#)						
Vulcan		0.58	0.69	0.69	0.68	0.76
Industry		1.87	2.12	2.07	2.15	2.24
MSHA Inspections with Zero Citations (%)		67	64	65	60	58
Training & Audits		2020	2019	2018	2017	2016
Safety & Health Training Delivered (hours)		110,350	123,257	118,400	* data not available *	
Safety & Health Audits Conducted (#)		~100	~100	~100	* data not available *	
Health		2020	2019	2018	2017	2016
Employee Participation in Voluntary Health Screening (%)		Comparable year data is unavailable due to COVID-19 safety protocols	96	97	97	97
MSHA Respirable Dust/Silica Exposure Sampling (%)						
Within Standard			98	98	99	99
Not Meeting Standard			2	2	1	1
MSHA Noise Exposure Sampling (%)						
Within Standard			96	98	98	97
Not Meeting Standard			4	2	2	3
2.0 Environmental Stewardship		2020	2019	2018	2017	2016
Environment						
Agency Inspections (#)		540	715	738	718	750
Agency Citations (#)		14	20	14	17	7
Citation-Free Inspections (%)		99	97	98	98	99
Environmental Awards & Recognitions (#)		42	37	4	7	2
Land Management		2020	2019	2018	2017	2016
Total Land Portfolio (acres)		~240,000	~240,000	~240,000	~200,000	~200,000
Wildlife Habitat Council Certified Sites (#)		37	40	44	* data not available *	
Land Managed for Projects Recognized by WHC (acres)		11,720	11,720	* data not available *		



Land in Conservation Easements (acres)	6,300	6,300	5,500	* data not available *		
Energy Management, Greenhouse Gas Reduction	2020	2019	2018	2017	2016	2015 (Baseline)
Greenhouse Gas (GHG) Emissions						
Scope 1-2 Emissions						
Total Scope 1 and Scope 2 Emissions (MTCO2e)	965,246	997,999	951,169	922,159	888,798	852,118
Total Scope 1 and Scope 2 Emissions Versus 2015 Baseline (%)	113.3	117.1	111.6	108.2	104.3	100.0
Revenue Factor - Total Scope 1 and Scope 2 Emissions per Million \$ Revenue (#)	198.7	202.5	217.0	237.1	247.4	249.0
Total Scope 1 and Scope 2 Revenue Factor Versus 2015 Baseline (%)	79.8	81.3	87.1	95.2	99.3	100.0
Shipment Factor - Total Scope 1 and Scope 2 Emissions per Tons Shipped (#)	0.00427	0.00425	0.00433	0.00457	0.00450	0.00440
Total Scope 1 and Scope 2 Shipment Factor Versus 2015 Baseline (%)	97.3	96.9	98.7	104.1	102.6	100.0
Scope 1 Emissions						
Total Scope 1 Emissions (MTCO2e)	625,905	626,221	588,921	592,159	580,756	549,261
Total Scope 1 Emissions Versus 2015 Baseline (%)	114.0	114.0	107.2	107.8	105.7	100.0
Revenue Factor - Total Scope 1 Emissions per Million \$ Revenue (#)	128.9	127.0	134.4	152.2	161.6	160.5
Scope 1 Revenue Factor Versus 2015 Baseline (%)	80.3	79.2	83.7	94.8	100.7	100.0
Shipment Factor - Total Scope 1 Emissions per Tons Shipped (#)	0.00277	0.00267	0.00268	0.00293	0.00294	0.00283
Scope 1 Shipment Factor Versus 2015 Baseline (%)	97.9	94.4	94.8	103.7	104.0	100.0
Scope 2 Emissions						
Total Scope 2 Emissions (MTCO2e)	339,341	371,778	362,248	330,000	308,042	302,857
Total Scope 2 Emissions Versus 2015 Baseline (%)	112.0	122.7	120.0	109.0	101.7	100.0
Revenue Factor - Total Scope 2 Emissions per Million \$ Revenue (#)	69.9	75.4	82.6	84.8	85.7	88.5
Scope 2 Revenue Factor Versus 2015 Baseline (%)	78.9	85.2	93.4	95.9	96.9	100.0
Shipment Factor - Total Scope 2 Emissions per Tons Shipped (#)	0.00150	0.00158	0.00165	0.00163	0.00156	0.00156
Scope 2 Shipment Factor Versus 2015 Baseline (%)	96.3	101.6	105.8	104.8	100.1	100.0
Revenue (\$)	4,856,800,000	4,929,103,000	4,383,000,000	3,890,000,000	3,593,000,000	3,422,000,000
Annual Shipments - All Products (tons)	226,120,530	234,717,000	219,697,600	201,934,800	197,479,000	194,260,400
Water Management	2020	2019	2018	2017	2016	
Permitted Water Discharge Limit Compliance (%)	99+	99+	99+	99+	99+	
Discharge Samples Analyzed (#)	3,000	* data not avail *				
Discharge Limits Demonstrated In Compliance (#)	11,000+	* data not avail *				
Reportable Spills of Petroleum Substances and Oils						
> 55 Gallons (#)	8	1	2	2	* data not available *	
< 55 Gallons (#)	12	16	7	6	*data not available *	
Total Quantity Spilled (gallons)	1,230	* data not avail *				
Spilled Material Recovered (gallons)	1,205	* data not avail *				
Spilled Material Recovered (%)	98	* data not avail *				
Waste Management: Source Reduction & Recycling	2020	2019	2018	2017	2016	



Total Waste Recycled (%)	53	42	41	64	48
Used Batteries - All Types Except Vehicle Batteries (tons)	5	10	7	10	10
Light Bulbs - All Types (#) (tons)	6,730 (3.4)	26,589 (16)	27,831 (16.7)	13,403 (8)	11,086 (6.7)
Empty Waste Aerosol Cans (tons)	10	47	15	4	2
Used Oil (gallons) (tons)	473,974 (1,776)	464,830 (1,627)	399,494 (1,398)	307,270 (1,075)	203,822 (713)
Used Filters (tons)	201	222	171	126	119
Antifreeze (gallons) (tons)	10,201 (49)	19,275 (93.5)	9,862 (48)	9,185 (44.5)	6,662 (32.3)
Material for Energy recovery/supplemental fuel (tons)	211	20	11	45	35
Total Waste Disposed					
Oily Water - Incineration/Water Treatment (gallons) (tons)	23,055 (96)	10,448 (42)	12,376 (50)	7,856 (31.4)	4,853 (19)
Vacuum disposal - Mixed Disposal Methods - Water and Dirt (gallons) (tons)	254,064 (1,481)	345,744 (2,247)	270,763 (1,760)	255,304 (1,659)	120,492 (783)
California Hazardous Waste - Estimated					
Used Oil - Management Method Not Determined (gallons) (tons)	(35,426) (133)	44,000 (154)	41,810 (146)	36,501 (128)	40,162 (140.6)
Used Filters (tons)	100	23	21	6	5
Aerosol Cans, Paint Waste, Petroleum Contaminated Materials - Incineration/Landfill (tons)	201	450	21	6	5
EPA Hazardous Waste - Estimated (tons)	<10	<10	<10	<10	<10
Total Waste Material (Recycled and Disposed) (tons)	4,300	* data not avail *			
Total Waste Intensity - Per 1,000 Tons Production All Products (tons)	0.019	0.030	0.017	0.026	0.006
Recycled Product Production	2020	2019	2018	2017	2016
Recycled Crushed Aggregate Base (tons)	1,246,347	1,919,254	1,849,073	1,697,670	1,756,615
Reclaimed Asphalt Pavement Used in Hot Mix Asphalt (tons)	1,141,885	1,606,388	1,036,006	1,330,045	1,223,631
3.0 People	2020	2019	2018	2017	2016
Overview					
Total Employees (#)	8,765	9,172	8,700	8,231	7,452
Total Employees - U.S. (#)	8,365	8,720	8,200	7,850	7,075
New Hires (#)	1,189	2,008	2,049	2,049	1,266
Veterans Employed (Self-Identified)	526	555	599	587	548
Interns Hired	13	84	102	71	84
Operations & Sales Trainees Hired	16	23	51	28	25
Employee Training Hours	111,683	225,000	215,000	* data not available *	
401(k) Employee Participation Rate (%)	95.0	94.7	91.4	94.0	96.5
Employees by Age (%)					
>20	1	1	1	* data not available *	
20-29	17	18	16	* data not available *	
30-39	21	21	20	* data not available *	
40-49	22	23	23	* data not available *	



50-59	27	26	28	* data not available *	
60-69	11	10	11	* data not available *	
70+	1	1	1	* data not available *	
Tenure	2020	2019	2018	2017	2016
Employee Turnover Rate	16.9	19	21	* data not available *	
Average Tenure (years)	10.7	10.9	11.6	* data not available *	
Employees by Tenure (%)					
0-2	26	30	25	* data not available *	
2-5	21	19	20	* data not available *	
5-10	14	10	9	* data not available *	
10-20	18	21	24	* data not available *	
20+	21	20	22	* data not available *	
Diversity	2020	2019	2018	2017	2016
Diversity of Workforce (%)	37.2	37.5		* data not available *	
Diversity of New Hires (%)	36.5	38	39.2	* data not available *	
Workforce Racial/Ethnic Diversity (%)					
White	71.3	67.8	72	72	72
Hispanic/Latino	17.6	16.7	17	16	16
Black	9.1	9.3	10	10	10
Asian	1.1	1.2	1	1	1
Other/Not Reported	0.9	5	0	1	1
Board Member Diversity (%)	36	36	22	* data not available *	
Salaried Non-Exempt Employees (#)	1,143	1,183	1,157	1,112	1,039
Male (%)	47.7	47.8	47	47.5	46.8
Female (%)	52.3	52.2	53	52.5	53.2
4.0 Community	2020	2019	2018	2017	2016
Total Giving & Support - Foundation, Non-Foundation and Matching Gifts (\$)	6,954,510	7,354,490	7,539,688	8,884,729	6,405,185
Foundation Giving (\$)	4,614,115	4,306,011	3,732,729	3,335,810	3,277,725
Education (%)	43	39	40	37	39
Environmental Stewardship (%)	11	16	13	14	12
Arts & Culture (%)	9	8	8	10	9
Civic & Community (%)	14	14	12	10	9
Health & Human Services (%)	23	22	27	28	31
Matching Giving (\$)	391,785	581,674	437,246	473,395	523,712
Education (%)	85	79	83	72	77
Hospitals (%)	1	3	1	1	3
Arts & Culture (%)	14	16	13	12	20



Employee Disaster Relief (%)	0	3	3	14	0
Foundation and Matching Gift Recipients (#)	814	785	799	830	770
Hunger	2020	2019	2018	2017	2016
Meals Donated (#)	519,772	469,601	430,198	339,169	* started in 2017 *
Food Donated (pounds)	623,726	590,873	516,238	407,003	* started in 2017 *
Education	2020	2019	2018	2017	2016
Partner Schools (#)	225	235	238	246	243
Scholarships Awarded (#)	175	154	141	116	118
Scholarship Funds Awarded (\$)	664,485	515,793	476,507	481,400	471,855
Other	2020	2019	2018	2017	2016
Visitors to Vulcan Facilities (#)	4,292	25,688	26,076	27,323	25,183
Quarry Crusher Run Participants (#)	952	3,542	2,355	2,560	1,960
Raised for Charity by Quarry Crusher Run Series (\$)	85,660	222,227	148,136	94,048	41,314
TV/Film Shoots Hosted (#)	4	3	8	5	5
Locations	2020	2019	2018	2017	2016
States Served + D.C., Mexico & The Bahamas (#)	20	20	20	20	20
Aggregates Facilities (#)	380	366	351	375	337
Hot Mix Asphalt Facilities (#)	70	70	67	64	53
Ready Mix Concrete Facilities (#)	46	53	46	57	59

Vulcan Materials Company generally reports ESG data on an annualized basis ending Dec. 31.
[Please visit csr.vulcanmaterials.com for the most current information.](https://csr.vulcanmaterials.com)