

Carbon

Climate change and energy

Material transported and CO ₂ emissions																	
Business Line		2010 (baseline)				2013				2014				2015			
		Tonnes Moved	Total Distance in km	kg CO ₂ per tonne*	tonnes CO ₂ per year	Tonnes Moved	Total Distance in km	kg CO ₂ per tonne*	tonnes CO ₂ per year	Tonnes Moved	Total Distance in km	kg CO ₂ per tonne*	tonnes CO ₂ per year	Tonnes Moved	Total Distance in km	kg CO ₂ per tonne*	tonnes CO ₂ per year
Hanson Cement#	Road	3,228,834	26,539,766	7.82	25,248	3,297,887	29,420,314	8.39	27,658	3,342,286	34,750,543	9.76	32,627	3,353,136	34,399,259	9.44	31,649
	Rail	325,246	193,286	8.27	2,690	351,210	174,544	6.71	2,356	449,516	118,857	3.47	1,559	469,286	118,776	3.15	1,476
	Water	185,487	45,949	14.57	2,702	127,535	17,508	15.04	1,918	135,735	18,120	15.12	2,052	138,949	31,406	33.97	4,719
Aggregates	Road	13,381,748	56,289,240	4.09	54,789	9,799,931	44,016,708	4.31	42,260	9,921,357	44,185,371	4.27	42,375	10,110,704	43,724,673	4.16	42,040
	Rail	2,010,990	408,724	4.85	9,761	2,289,889	788,552	4.83	11,064	2,749,530	873,878	4.91	13,502	2,791,245	887,014	4.45	12,408
	Water	200,580	16,810	1.56	313	223,830	16,668	0.81	182	0	0	0	0	430,807	47,570	1.38	594
Concrete	Road	7,601,327	13,353,067	1.71	12,997	8,332,944	14,368,850	1.66	13,795	8,519,714	14,129,150	1.59	13,550	9,147,261	14,020,560	1.47	13,480
Asphalt	Road	2,595,090	14,830,439	5.56	14,435	1,931,737	9,990,297	4.97	9,592	2,094,386	10,360,475	4.74	9,936	2,031,858	10,431,362	4.94	10,029
Hanson UK	Totals	29,529,302	111,677,281	4.16	122,934	26,354,963	98,793,441	4.13	108,824	27,212,523	104,436,393	4.25	115,602	28,473,246	103,660,621	4.09	116,397

#Hanson Cement includes cement, Regen and packed products.

*per tonnes delivered

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Hanson Cement#	3,739,567	26,779,001	7.16	8.19	30,640	3,776,632	29,612,366	7.84	8.46	31,932	3,927,537	34,887,519	8.88	9.23	36,238	3,961,371	34,549,441	8.72	9.55	37,845
Aggregates	15,593,318	56,714,774	3.64	4.16	64,862	12,313,650	44,821,928	3.64	4.35	53,505	12,670,887	45,059,249	3.56	4.41	55,877	13,332,756	44,659,258	3.35	4.13	55,042
Concrete	7,601,327	13,353,067	1.76	1.71	12,997	8,332,944	14,368,850	1.72	1.66	13,795	8,519,714	14,129,150	1.66	1.59	13,550	9,147,261	14,020,560	1.53	1.47	13,480
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