

GHG FY18 MTeCO₂ Total & Per Category

Categories

Fiscal Year	Scope	Source	CO ₂ (kg)	CO ₂ (MTCDE)	CH ₄ (kg)	CH ₄ (MTCDE)	N ₂ O (kg)	N ₂ O (MTCDE)	GHG MTCDE
2018	1	Other On-Campus Stationary	20,997,966	20,997.97	2,151	60.23	51	13.61	21,071.81
2018	1	Direct Transportation	725,225	725.22	106	2.98	38	10.02	738.22
2018	1	Refrigerants & Chemicals	0	0.00	0	0.00	0	0.00	449.69
2018	1	Fertilizer & Animals	0	0.00	0	0.00	16	4.23	4.23
2018	2	Purchased Electricity	44,263,458	44,263.46	3,647	102.11	525	139.09	44,504.65
2018	3	Faculty Commuting	686,326	686.33	128	3.58	44	11.53	701.44
2018	3	Staff Commuting	1,002,405	1,002.41	187	5.23	64	16.84	1,024.48
2018	3	Student Commuting	8,285,449	8,285.45	1,353	37.87	469	124.28	8,447.60
2018	3	Directly Financed Air Travel	2,230,346	2,230.35	22	0.62	25	6.74	2,237.70
2018	3	Other Directly Financed Travel	689,825	689.83	145	4.06	49	12.87	706.76
2018	3	Solid Waste	-320	-0.32	15,946	446.50	0	0.00	446.18
2018	3	Wastewater	0	0.00	28,228	790.38	196	52.05	842.43
2018	3	Paper Purchasing	0	0.00	0	0.00	0	0.00	143.22
2018	3	T&D Losses	2,314,947	2,314.95	191	5.34	27	7.27	2,327.56

Scopes

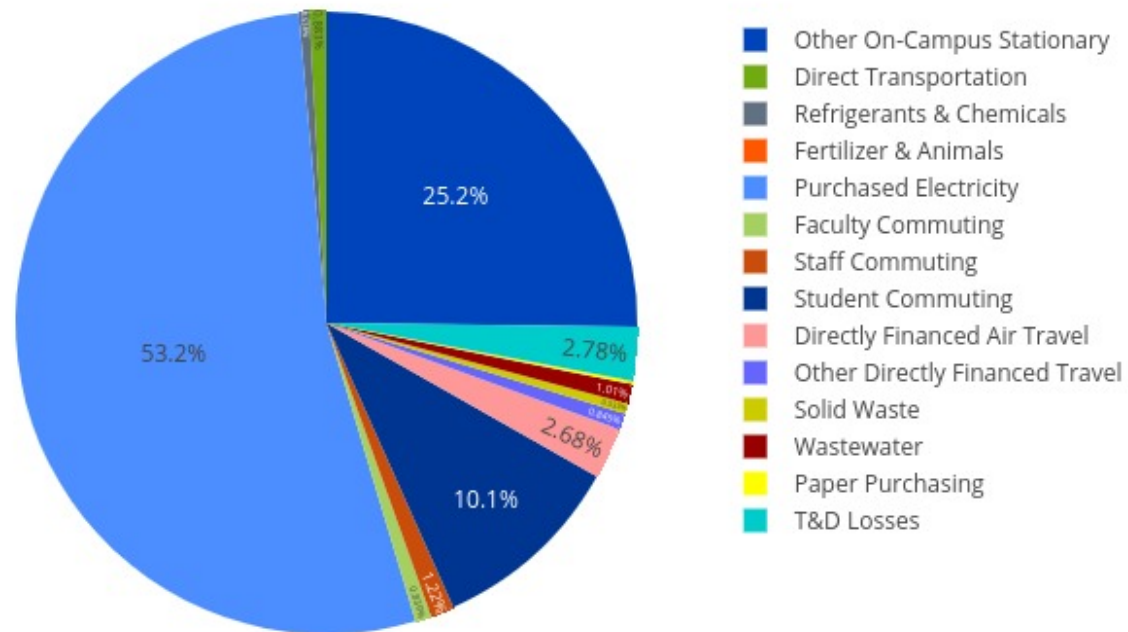
Fiscal Year	Scope	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	GHG MTCDE
2018	1	21,723,191	2,257	105	22,263.95
2018	2	44,263,458	3,647	525	44,504.65
2018	3	15,208,978	46,200	874	16,877.38

Totals

Fiscal Year	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional Sequestration (MTCDE)	Biogenic (MTCDE)	Net MTCDE
2018	81,195,627	52,104	1,504	83,645.98	0.00	0.00	72.00	15.05	83,645.98

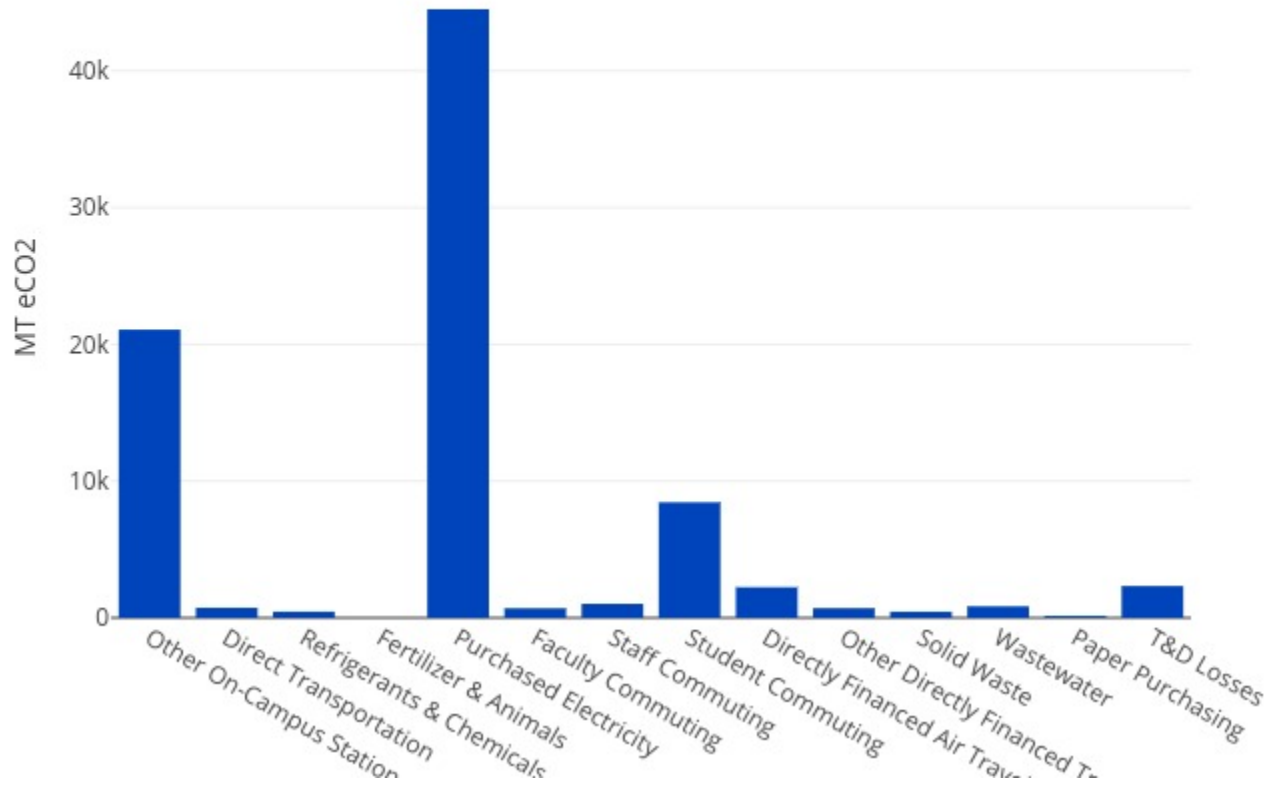
GHG FY18 MTeCO₂ % Per Category

Carbon: 2018



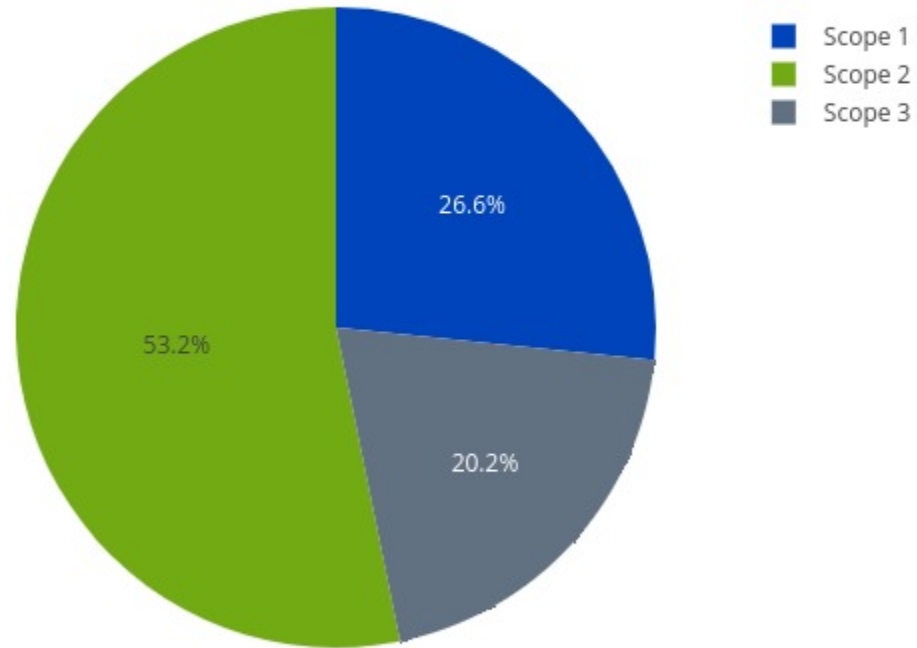
GHG FY18 MTeCO₂ Per Category

Carbon: 2018



GHG FY18 % Per Scope

Carbon: 2018



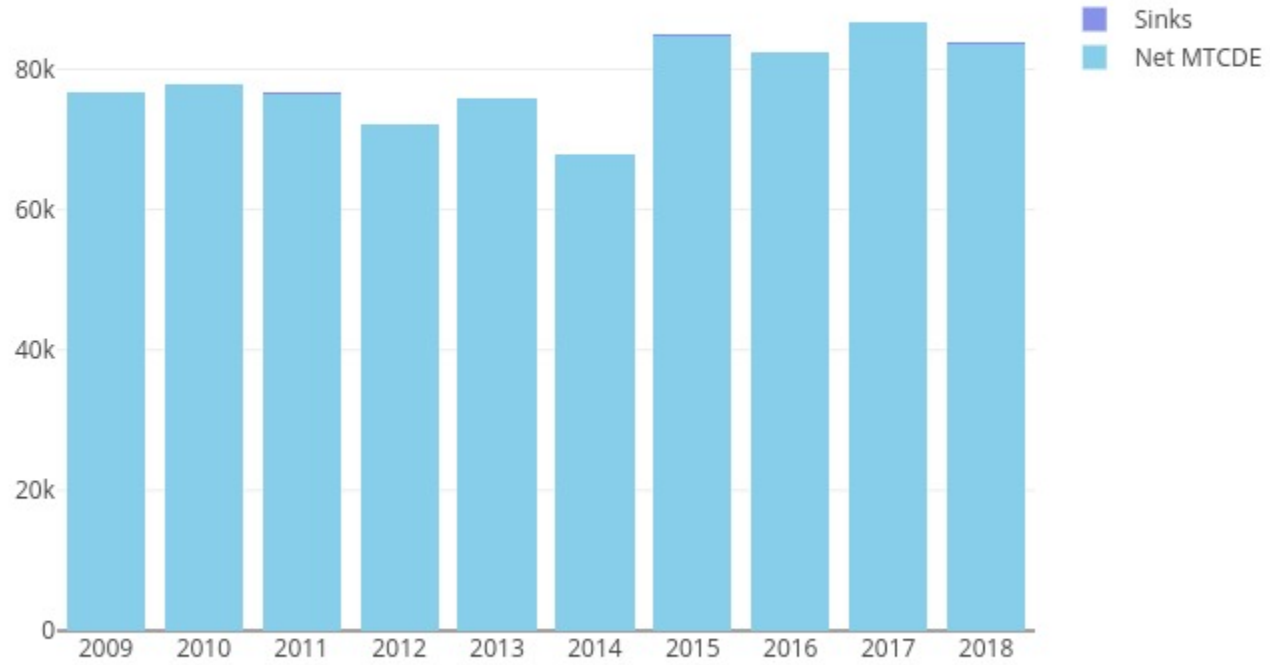


GHG FY09-18 MTeCO₂

Carbon

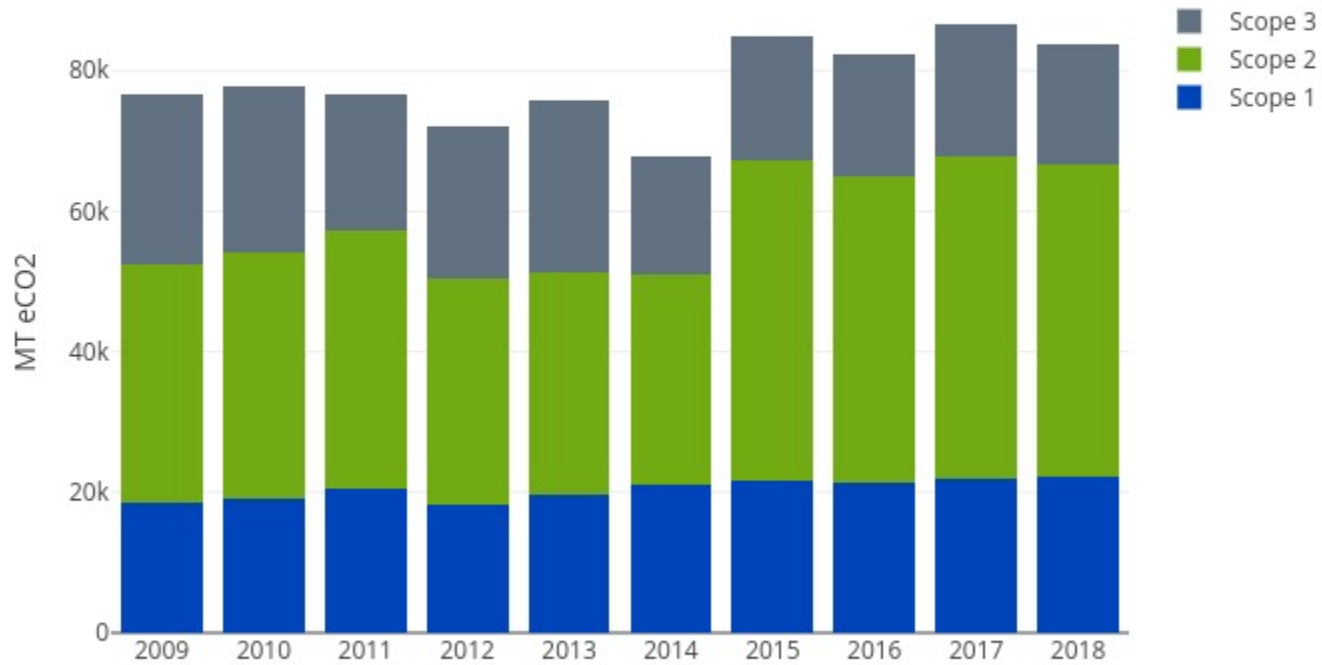
Fiscal Year	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional Sequestration (MTCDE)	Biogenic (MTCDE)	Net MTCDE
2009	74,113,434	60,325	2,183	76,600.30	0.00	0.00	63.64	33.97	76,600.30
2010	75,234,688	60,053	2,219	77,817.89	0.00	0.00	65.01	40.11	77,817.89
2011	74,079,221	51,992	1,858	76,545.11	0.00	0.00	65.63	40.40	76,545.11
2012	70,143,041	46,757	1,725	72,142.91	0.00	0.00	66.34	39.22	72,142.91
2013	73,257,727	47,745	1,709	75,727.56	0.00	0.00	66.95	37.63	75,727.56
2014	65,090,703	49,308	1,507	67,811.98	0.00	0.00	67.65	41.14	67,811.98
2015	81,875,266	50,416	1,528	84,837.60	0.00	0.00	70.28	31.90	84,837.60
2016	79,566,024	52,069	1,558	82,345.78	0.00	0.00	70.00	20.87	82,345.78
2017	83,469,802	54,632	1,661	86,619.24	0.00	0.00	71.00	24.03	86,619.24
2018	81,195,627	52,104	1,504	83,645.98	0.00	0.00	72.00	15.05	83,645.98

GHG FY09-18 MTeCO₂



GHG FY09-18 MTeCO₂ Per Scope

Carbon





GHG FY09-18 MTeCO₂ Per Scope

Carbon

Fiscal Year	Scope	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	GHG MTCDE
2009	1	18,449,473	1,903	173	18,610.52
2009	2	33,678,803	699	567	33,848.70
2009	3	21,985,159	57,723	1,443	24,141.07
2010	1	18,845,320	1,941	169	19,095.19
2010	2	34,978,972	707	575	35,151.05
2010	3	21,410,396	57,406	1,476	23,571.64
2011	1	19,881,300	2,058	153	20,423.16
2011	2	36,666,079	741	602	36,846.46
2011	3	17,531,842	49,193	1,103	19,275.49
2012	1	17,925,491	1,846	123	18,243.53
2012	2	32,082,484	824	502	32,238.60
2012	3	20,135,065	44,087	1,099	21,660.78
2013	1	19,413,000	1,989	112	19,765.75
2013	2	31,326,126	804	490	31,478.56
2013	3	22,518,600	44,951	1,107	24,483.25
2014	1	20,313,749	2,084	121	21,122.46
2014	2	29,646,545	3,313	477	29,865.67
2014	3	15,130,409	43,912	909	16,823.85
2015	1	20,717,975	2,123	126	21,773.87
2015	2	45,132,774	3,347	482	45,354.14
2015	3	16,024,517	44,946	920	17,709.59
2016	1	20,504,511	2,097	111	21,370.34
2016	2	43,277,213	3,493	503	43,508.22
2016	3	15,784,300	46,479	945	17,467.22
2017	1	20,818,181	2,110	109	21,926.77
2017	2	45,588,715	3,756	541	45,837.13
2017	3	17,062,907	48,766	1,011	18,855.33
2018	1	21,723,191	2,257	105	22,263.95
2018	2	44,263,458	3,647	525	44,504.65
2018	3	15,208,978	46,200	874	16,877.38

GHG FY09-18 MTeCO₂ Per 1000GSF

Carbon



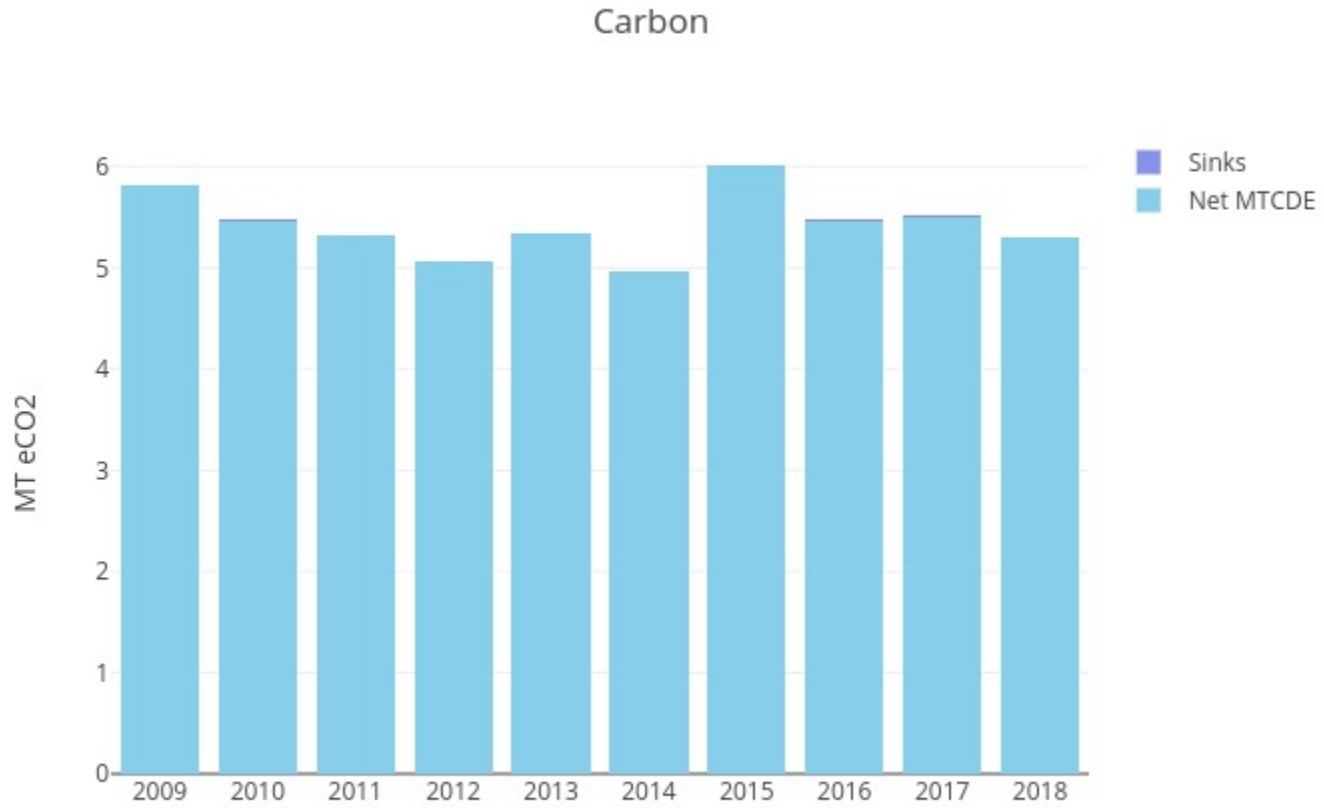


GHG FY09-18 MTeCO₂ Per 1000GSF

Carbon

Fiscal Year	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional Sequestration (MTCDE)	Biogenic (MTCDE)	Net MTCDE
2009	13,685	11	0	14.14	0.00	0.00	0.01	0.01	14.14
2010	13,892	11	0	14.37	0.00	0.00	0.01	0.01	14.37
2011	13,272	9	0	13.71	0.00	0.00	0.01	0.01	13.71
2012	12,729	8	0	13.09	0.00	0.00	0.01	0.01	13.09
2013	12,815	8	0	13.25	0.00	0.00	0.01	0.01	13.25
2014	10,849	8	0	11.30	0.00	0.00	0.01	0.01	11.30
2015	13,188	8	0	13.67	0.00	0.00	0.01	0.01	13.67
2016	12,374	8	0	12.81	0.00	0.00	0.01	0.00	12.81
2017	12,404	8	0	12.87	0.00	0.00	0.01	0.00	12.87
2018	12,077	8	0	12.44	0.00	0.00	0.01	0.00	12.44

GHG FY09-18 MTeCO₂ Per FTE Student



GHG FY08-18 MTeCO₂ Per FTE Student

Carbon

Fiscal Year	CO ₂ (kg)	CH ₄ (kg)	N ₂ O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional Sequestration (MTCDE)	Biogenic (MTCDE)	Net MTCDE
2009	5,622	5	0	5.81	0.00	0.00	0.01	0.00	5.81
2010	5,291	4	0	5.47	0.00	0.00	0.01	0.00	5.47
2011	5,152	4	0	5.32	0.00	0.00	0.01	0.00	5.32
2012	4,923	3	0	5.06	0.00	0.00	0.01	0.00	5.06
2013	5,168	3	0	5.34	0.00	0.00	0.01	0.00	5.34
2014	4,771	4	0	4.97	0.00	0.00	0.01	0.00	4.97
2015	5,801	4	0	6.01	0.00	0.00	0.01	0.00	6.01
2016	5,287	3	0	5.47	0.00	0.00	0.01	0.00	5.47
2017	5,312	3	0	5.51	0.00	0.00	0.01	0.00	5.51
2018	5,143	3	0	5.30	0.00	0.00	0.01	0.00	5.30