

University of Michigan-FY2017 Annual Environmental Metrics Report

Raw Data Overview

Energy	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Total Energy Consumption (MMBtu)	6,855,207	6,330,317	6,338,547	6,509,271	6,903,207	7,168,086	7,414,679	7,218,097	7,636,595	7,703,849	6,904,072	7,077,255
Total Energy Consumption (Btu/person)	91,244,604	83,128,476	81,173,920	82,214,756	85,725,366	87,921,775	89,252,831	84,634,023	88,811,044	88,623,333	78,499,076	78,111,086
Total Energy Consumption (Btu/person/ft2)	3.19	2.71	2.60	2.62	2.52	2.55	2.51	2.38	2.50	2.42	2.13	2.11
Building Energy (MMBtu)	6,751,526	6,226,435	6,231,890	6,400,287	6,802,596	7,057,766	7,305,703	7,110,782	7,526,583	7,599,158	6,802,866	6,973,424
Building Energy (Btu/ft2)	235,906	202,984	199,930	203,812	200,088	205,055	205,795	200,267	212,183	207,798	184,906	188,742
Building Energy (Btu/person)	89,864,583	81,764,318	79,808,027	80,838,240	84,475,959	86,568,615	87,941,047	83,375,719	87,531,637	87,418,986	77,348,368	76,965,115
Building Energy (Btu/ft2/person)	3.14	2.67	2.56	2.57	2.48	2.52	2.48	2.35	2.47	2.39	2.10	2.08
Transportation Energy Consumption (MMBtu)	103,681	103,882	106,657	108,984	100,611	110,320	108,976	107,316	110,012	104,692	101,206	103,831
Transportation Energy Consumption (Btu/person)	1,380,021	1,364,158	1,365,893	1,376,516	1,249,408	1,353,160	1,311,783	1,258,304	1,279,406	1,204,348	1,150,709	1,145,971
Bus Energy Consumption (MMBtu)	39,121	38,599	40,748	41,445	42,033	43,595	44,481	43,591	44,261	42,641	41,098	41,471
Bus Energy Consumption (Btu/passenger)	6,991	6,598	6,859	6,896	6,459	6,336	5,996	5,894	5,976	5,795	5,853	5,558
Fleet Vehicles Energy Consumption (MMBtu)	64,560	65,283	65,910	67,539	58,579	66,726	64,495	63,725	65,751	62,050	60,108	62,356
Renewable Percentage for Transportation Energy (%)	20	19	19	18	16	18	17	16	10	10	9	9
Campus Bus Ridership (Total passengers)	5,596,054	5,850,234	5,940,576	6,010,276	6,507,915	6,880,323	7,418,841	7,395,131	7,406,088	7,358,251	7,022,036	7,461,222
Van Pooling (Vehicle miles)	1,291,409	1,436,915	1,396,910	1,576,298	1,715,952	1,430,065	1,792,914	1,654,942	1,511,835	1,857,209	1,864,961	1,833,582
Van Pooling (Passenger miles)	7,824,153	8,659,109	7,467,618	8,085,266	10,464,984	8,996,422	11,160,495	10,213,106	9,300,804	11,904,911	11,175,396	9,955,009
Van Pool (Number of passengers)	424	476	498	527	532	569	624	612	644	677	630	464
M-Ride Bus Ridership	2,014,753	2,091,564	2,212,941	2,430,501	2,300,718	2,387,588	2,543,124	2,737,718	2,701,905	2,523,203	2,343,361	2,485,373
Bicycle Ridership (Number of bike racks)	3,412	3,412	3,412	4,250	4,250	4,300	4,300	4,385	4,390	4,390	4,381	4,381
Purchased Electricity from Renew. Sources (MWh)	866	4,813	5,063	5,242	6,587	7,513	8,977	18,004	23,193	34,424	38,984	42,542
Purchased Electric (kwh)	433,064,274	437,583,452	460,274,660	436,860,957	506,719,832	577,941,935	498,724,851	527,964,134	487,255,416	488,283,476	503,674,291	525,215,434
Purchased Natural Gas (CCF)	51,770,377	46,460,401	45,675,423	48,189,300	50,042,555	50,320,452	54,829,329	52,533,478	57,935,946	58,708,083	50,308,475	51,271,081
Purchased LP Gas (Gal)	35,517	35,954	34,620	39,406	29,710	33,688	29,008	34,594	35,644	36,731	31,345	29,366
Purchased Fuel Oil (gal)	0	0	57,992	0	119,992	0	456,807	0	65,011	0	0	0
Gallons E85 Total	146,779	143,582	140,769	140,074	121,549	135,621	118,056	105,271	33,581	26,788	31,634	15,372
Gallons E70 Total	0	0	0	0	0	0	0	0	54,327	41,766	32,883	26,915
Gallons E75 Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13,528
Gallons ULSD/20%Biodiesel Total	288,777	347,074	363,648	370,702	283,408	373,047	382,342	373,516	203,530	220,708	193,116	213,818
Gallons ULSD/5%Biodiesel Total	0	0	0	0	0	0	0	0	0	147,155	167,783	155,965
Gallons Ultra-Low Sulfur Diesel Total	0	0	0	0	57,500	0	0	0	180,248	0	0	0
Gallons Unleaded Gas Total	326,802	345,035	351,025	362,374	341,396	373,696	365,417	371,088	390,649	380,447	363,540	380,922
Gallons E85 Buses	648	627	1,567	1,805	1,308	1,268	2,410	2,766	655	1,773	460	164
Gallons E70 Buses	0	0	0	0	0	0	0	0	1,039	1,317	343	103
Gallons E75 Buses	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100
Gallons ULSD/20%Biodiesel Buses	248,966	279,275	294,708	299,932	258,077	315,352	320,271	310,706	167,439	178,249	154,113	164,740
Gallons ULSD/5%Biodiesel Buses	0	0	0	0	0	0	0	0	0	122,582	137,220	126,675
Gallons Ultra-Low Sulfur Diesel Buses	0	0	0	0	45,982	0	0	0	147,928	0	0	0
Gallons Unleaded Gas Buses	1,136	952	479	138	500	750	1,603	4,744	5,208	7,412	7,185	10,432
Gallons E85 Fleet	146,131	142,956	139,202	138,269	120,242	134,353	115,647	102,505	32,925	25,015	31,174	15,209
Gallons E70 Fleet	0	0	0	0	0	0	0	0	53,289	40,449	32,540	26,812
Gallons E75 Fleet	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13,429
Gallons ULSD/20%Biodiesel Fleet	39,811	67,798	68,941	70,771	25,330	57,695	62,071	62,810	36,091	42,459	39,003	49,078
Gallons ULSD/5%Biodiesel Fleet	0	0	0	0	0	0	0	0	0	24,573	30,563	29,290
Gallons Ultra-Low Sulfur Diesel Fleet	0	0	0	0	11,519	0	0	0	32,320	0	0	0
Gallons Unleaded Gas Fleet	325,666	344,083	350,546	362,236	340,896	372,946	363,815	366,344	385,441	373,035	356,355	370,461
Number Vehicles	1,122	1,092	1,098	1,119	1,077	1,057	1,078	1,068	1,077	1,045	1,027	1,030
Electric Vehicles	0	0	0	0	3	15	15	15	15	8	6	5
Hybrid Vehicles	5	5	5	14	14	27	56	56	53	53	54	37
E85 Fueled Vehicles	471	483	491	501	545	524	526	562	612	630	623	620
Unleaded Gas Cars	72	65	58	72	67	52	51	50	44	43	40	43
Unleaded Gas Trucks	472	445	446	436	352	343	334	300	268	226	224	247
Biodiesel Buses	54	58	61	61	62	62	60	49	49	37	28	25
Biodiesel Hybrid Buses	0	0	0	0	0	0	4	7	7	20	25	25
Biodiesel Trucks	48	36	37	35	34	34	32	29	29	28	27	28

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Air Emissions	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Total Greenhouse Gas Emissions (MTCO2E)	619,869	599,533	615,416	591,698	671,605	721,839	684,398	709,982	683,847	682,965	641,931	643,932
Total Greenhouse Gas Emissions (MTCO2E/person)	8.25	7.87	7.88	7.47	8.34	8.85	8.24	8.32	7.95	7.86	7.30	7.11
UM Generated Greenhouse Gas Emissions (MTCO2E)	290,164	261,207	257,714	271,031	281,730	282,727	311,906	294,601	324,981	328,144	282,030	287,463
UM Generated Greenhouse Gas Emissions (MTCO2E/person)	3.86	3.43	3.30	3.42	3.50	3.47	3.75	3.45	3.78	3.77	3.21	3.17
Stationary Sources: Greenhouse Gas Emissions (MTCO2E)	282,702	253,728	250,032	263,181	274,474	274,780	304,049	286,861	317,015	320,567	274,702	279,944
Stationary Sources: CO2 (MTCO2)	281,935	253,040	249,352	262,467	273,725	274,035	303,209	286,083	316,153	319,698	273,957	279,185
Stationary Sources: CO2 (MTCO2/person)	3.75	3.32	3.19	3.32	3.40	3.36	3.65	3.35	3.68	3.68	3.11	3.08
Stationary Sources: CH4 (kg)	28,144	25,261	24,925	26,203	27,390	27,355	30,522	28,557	31,595	31,912	27,346	27,867
Stationary Sources: CH4 (kg/person)	0.37	0.33	0.32	0.33	0.34	0.34	0.37	0.33	0.37	0.37	0.31	0.31
Stationary Sources: N2O (kg)	566	508	505	527	558	550	643	575	640	642	550	560
Stationary Sources: N2O (kg/person)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Stationary Sources: CO (lbs)	434,871	390,267	383,964	404,790	420,957	422,692	462,850	441,281	486,987	493,148	422,591	430,677
Stationary Sources: CO (lbs/person)	5.79	5.12	4.92	5.11	5.23	5.18	5.57	5.17	5.66	5.67	4.80	4.75
Stationary Sources: NOx (lbs)	684,042	613,881	604,429	636,725	663,114	664,884	731,700	694,125	766,538	775,710	664,726	677,445
Stationary Sources: NOx (lbs/person)	9.10	8.06	7.74	8.04	8.23	8.16	8.81	8.14	8.91	8.92	7.56	7.48
Stationary Sources: Volatile Organic Compounds (lbs)	28,474	25,553	25,133	26,504	27,547	27,676	30,247	28,893	31,878	32,289	27,670	28,199
Stationary Sources: Volatile Organic Compounds (lbs/person)	0.38	0.34	0.32	0.33	0.34	0.34	0.36	0.34	0.37	0.37	0.31	0.31
Stationary Sources: PM-10 (lbs)	29,509	26,482	26,093	27,468	28,644	28,683	31,710	29,944	33,089	33,464	28,676	29,225
Stationary Sources: PM-10 (lbs/person)	0.39	0.35	0.33	0.35	0.36	0.35	0.38	0.35	0.38	0.38	0.33	0.32
Stationary Sources: PM-2.5 (lbs)	29,509	26,482	26,049	27,468	28,554	28,683	31,367	29,944	33,040	33,464	28,676	29,225
Stationary Sources: PM-2.5 (lbs/person)	0.39	0.35	0.33	0.35	0.35	0.35	0.38	0.35	0.38	0.38	0.33	0.32
Stationary Sources: SO2 (lbs)	3,106	2,788	3,159	2,891	3,868	3,019	6,583	3,152	3,945	3,522	3,019	3,076
Stationary Sources: SO2 (lbs/person)	0.04	0.04	0.04	0.04	0.05	0.04	0.08	0.04	0.05	0.04	0.03	0.03
Stationary Sources: Pb (lbs)	2.59	2.32	2.37	2.41	2.68	2.52	3.43	2.63	2.99	2.94	2.52	2.56
Stationary Sources: Pb (lbs/person)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile Sources: Renewable GHG Emissions (MTCO2E)	1,390	1,351	1,368	1,378	1,124	1,361	1,293	1,214	764	781	727	715
Mobile Sources: Renewable CO2 (MTCO2)	1,355	1,316	1,334	1,344	1,095	1,327	1,262	1,186	744	764	711	701
Mobile Sources: Renewable CH4 (kg)	276	269	266	266	227	259	232	211	148	127	121	108
Mobile Sources: Renewable N2O (kg)	97	94	94	94	79	91	83	75	52	46	43	39
Mobile Sources: Fossil GHG Emissions (MTCO2E)	6,071	6,128	6,313	6,472	6,132	6,587	6,564	6,526	7,203	6,796	6,601	6,804
Mobile Sources: Fossil CO2 (MTCO2)	5,968	6,021	6,204	6,359	6,026	6,472	6,451	6,413	7,080	6,679	6,488	6,687
Mobile Sources: Fossil CH4 (kg)	771	796	813	836	788	856	841	843	912	871	837	869
Mobile Sources: Fossil N2O (kg)	283	291	298	306	289	313	308	309	335	319	307	319
Purchased Electricity GHG Emission (MTCO2E)	329,705	338,326	357,703	320,667	389,875	439,112	372,492	415,381	358,866	354,821	359,902	356,468
Purchased Electricity CO2 Emission (MTCO2)	327,983	336,586	355,872	318,930	387,860	436,813	370,509	413,282	356,928	352,879	357,899	354,380
Purchased Electricity CH4 (kg)	3,122	3,155	3,319	3,150	3,653	4,167	3,596	3,807	3,513	3,521	3,631	3,787
Purchased Electricity N2O (kg)	5,344	5,400	5,680	5,391	6,253	7,132	6,154	6,515	6,013	6,025	6,215	6,481
REC Purchases (MWH)	NA	NA	NA	NA	3,255	10,494	5,367	9,058	9,531	7,786	8,195	10,334

Water Use	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Total Water Use (gal)	1,348,911,444	1,283,496,878	1,294,872,532	1,244,617,847	1,206,818,521	1,280,954,419	1,310,561,016	1,332,744,060	1,218,723,316	1,160,683,892	1,232,532,318	1,331,910,633
Total Water Use (gal/person)	17,954	16,855	16,583	15,720	14,987	15,712	15,776	15,627	14,173	13,352	14,014	14,700
Total Purchased Water (gal)	1,315,767,904	1,251,443,195	1,260,189,260	1,206,163,778	1,176,390,072	1,244,714,636	1,267,897,894	1,285,915,972	1,184,843,968	1,136,099,097	1,184,270,641	1,283,544,917
Total Purchased Water (gal/person)	17,513	16,434	16,138	15,234	14,609	15,267	15,262	15,078	13,779	13,069	13,465	14,166
Total Discharge to Sewers (gal)	1,052,614,323	1,001,154,556	1,008,151,408	964,931,023	941,112,058	995,771,709	1,014,318,315	1,028,732,778	947,875,174	908,879,278	947,416,513	1,026,835,933
Total Discharge to Sewers (gal/person)	14,011	13,147	12,911	12,187	11,687	12,214	12,210	12,062	11,023	10,456	10,772	11,333
Total Irrigation (gallons)	33,143,540	32,053,683	34,683,272	38,454,069	30,428,449	36,239,783	42,663,122	46,828,088	33,879,348	24,584,795	48,261,677	48,365,716

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Land Use	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Total Impervious Surface Area (acres)	427	530	534	584	584	643	648	649	658	629	645	630
Total Impervious Surface Area (% of campus area)	14	17	17	19	18	20	20	20	20	19	20	19
Total Green Space (acres)	2,644	2,541	2,537	2,486	2,660	2,601	2,596	2,595	2,607	2,636	2,618	2,633
Total Green Space (% of campus area)	86	83	83	81	82	80	80	80	80	81	80	81
Maintained Green Space (acres)	699	699	758	733	732	781	856	862	865	862	909	913
Maintained Green Space (% of campus area)	23	23	25	24	23	24	26	27	26	26	28	28
Unmaintained (Natural) Green Space (acres)	1,945	1,842	1,779	1,754	1,928	1,820	1,740	1,733	1,742	1,774	1,709	1,720
Unmaintained (Natural) Green Space (% of campus area)	63	60	58	57	59	56	54	53	53	54	52	53
Land Maintenance Chemicals (pounds)	45,948	42,558	39,022	37,501	37,925	35,068	42,130	33,800	20,980	29,598	30,227	26,219
Total Land Area (acres)	3,071	3,071	3,070	3,070	3,244	3,244	3,244	3,244	3,265	3,265	3,263	3,263
Tree Population	14,180	14,180	13,958	14,006	13,613	15,060	16,408	16,654	16,549	16,168	16,197	16,052
Deck Parking (# of deck parking spots)	10,058	10,824	10,777	10,759	10,717	11,310	11,957	11,996	11,977	12,663	12,626	12,624
Total Parking (# of parking spots)	23,591	23,808	23,905	23,773	24,612	26,936	27,228	27,563	27,320	28,013	28,180	28,801
Deck Parking (% of parking spaces that are parking decks)	43	45	45	45	44	42	44	44	44	45	45	44
Total Building Area (ft2)	28,619,505	30,674,494	31,170,301	31,402,904	33,998,091	34,418,892	35,499,892	35,506,582	35,472,141	36,569,894	36,790,966	36,946,938
Total Building Area (ft2/person)	381	403	399	397	422	422	427	416	413	421	418	408
Total Number of Buildings	393	389	380	377	384	387	387	387	398	376	382	382
Waste	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Total Waste (tons)	17,867	18,542	19,182	19,284	17,682	17,181	17,867	17,434	16,962	18,404	19,777	19,393
Total Diverted from Landfill (tons)	4,697	4,622	5,129	5,657	5,035	4,847	4,806	5,542	4,902	5,464	5,698	6,613
% Diverted from Landfill	26	25	27	29	28	28	27	32	29	30	29	34
Hospital Waste (tons)	7,499	8,045	8,747	8,709	7,596	6,792	7,489	6,642	6,526	7,208	8,663	7,146
Waste from U-M Campus (tons)	10,368	10,497	10,435	10,574	10,086	10,389	10,268	10,792	10,436	11,195	11,114	12,247
Paper Recycled (tons)	3,748	3,633	3,674	3,367	3,205	1,924	1,326	NA	NA	NA	NA	NA
Paper Recycled (% of total waste)	21	20	19	17	18	11	7	NA	NA	NA	NA	NA
Glass Containers Recycled (tons)	121	107	129	123	124	24	NA	NA	NA	NA	NA	NA
Plastic Containers Recycled (tons)	38	34	41	39	39	8	NA	NA	NA	NA	NA	NA
Metal Containers Recycled (tons)	24	21	26	25	25	5	NA	NA	NA	NA	NA	NA
Compost (tons)	253	259	241	649	344	404	251	804	744	1,166	1,166	1,390
Reuse-PD (\$)	1,251,000	1,872,000	2,390,576	1,415,442	1,953,804	1,761,374	2,316,776	2,454,259	3,061,205	3,180,000	2,353,056	3,689,583
Campus Paper Recycled (tons)	2,279	2,186	2,222	2,095	2,028	726	110	100	na	165	197	202
Mixed Container Recycled (tons)	202	178	216	204	207	40	NA	NA	na	na	na	NA
Single Stream Recycling (tons)	NA	NA	NA	NA	NA	1,588	2,413	2,373	2,325	2,400	2,462	3,021
Compostable Waste (tons)	49	34	41	68	63	109	143	318	351	460	622	779
Reuse Secondary Materials (tons)	5	7	6	3	4	0	0	11	10	9	32	22
Recycled Secondary Materials (tons)	52	17	28	52	200	30	32	113	63	55	13	76
Roll-off Other (tons)	5	13	50	0	6	0	0	0	0	0	0	0
Roll-off Recycled (tons)	129	193	223	133	150	181	158	179	272	NA	NA	NA
Roll-off Wood Recycled (tons)	41	91	70	41	59	55	4	6	30	12	3	12
Roll-off Metal Recycled (tons)	88	103	153	92	91	126	154	173	242	277	416	262
Roll-off Trash (tons)	1,503	1,580	1,411	1,514	1,287	1,224	1,068	907	711	na	na	1,276
UM Campus Trash (tons)	7,280	7,503	7,294	7,196	6,918	7,101	7,158	7,097	6,797	7,137	6,967	6,001
UHS Total Refuse (tons)	5,885	6,405	6,710	6,430	5,723	5,234	5,903	4,794	5,263	5,803	7,112	5,502
UHS Paper Recycled (tons)	963	912	967	797	741	767	693	624	630	719	601	689
UHS Cardboard Recycled (tons)	507	535	485	476	437	431	523	446	442	435	461	455
UHS Recycled Wood (tons)	0	0	64	63	63	63	63	63	63	66	63	63
UHS Scrap Metal Recycled (tons)	NA	NA	NA	787	485	158	191	570	23	21	232	324
UHS Plastic Recycled (tons)	NA	NA	NA	76	64	54	47	65	18	52	62	15
UHS Yellow Kitchen Grease Recycled (tons)	NA	NA	NA	12	9	6	6	8	1	0	0	0
UHS Linens (tons)	0	0	0	47	45	42	41	47	61	52	69	50
UHS Medical Equipment (tons)	0	0	0	21	23	26	21	20	19	51	54	39
UHS Toner Cartridges(tons)	0	0	0	1	6	11	1	4	5	8	8	10

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Raw Data Overview

Waste (continued)	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Regulated Recycling- Batteries (tons)	24	18	20	17	18	18	18	28	24	33	25	33
Regulated Recycling- Lamp Ballasts (tons)	23	24	22	19	16	20	20	17	13	15	20	15
Regulated Recycling- Consumer Electronics (tons)	70	53	74	149	143	139	155	123	137	150	169	149
Regulated Recycling- Fluorescent Bulbs (tons)	46	46	39	58	53	139	59	41	48	62	59	57
Regulated Recycling- Acetone (gallons)	360	295	271	223	475	106	16	0	0	0	0	0
Regulated Recycling- Xylene (gallons)	800	550	900	380	475	130	0	152	180	196	0	0
Regulated Recycling- Formalin (gallons)	1,200	250	480	260	290	187	118	112	104	96	0	0
Regulated Recycling- Alcohol (gallons)	880	566	900	380	465	268	511	445	458	436	269	70
Regulated Recycling- Transportation Oil (gallons)	0	5,536	4,816	8,354	10,327	8,226	9,097	6,779	8,142	6,204	5,680	7,471
Regulated Recycling- Latex Paint (gallons)	312	153	739	925	1,735	881	972	1,673	978	777	1,157	1,319
Regulated Recycling- Coolants (gallons)	500	3,146	1,116	921	1,252	921	1,176	1,465	921	475	3,130	1,985
Regulated Recycling- Oil Filters (pounds)	0	0	0	0	0	6,682	7,799	9,200	6,325	8,430	6,750	6,520
Mulch (cubic yards)	2,400	2,656	2,350	6,838	3,307	3,471	1,267	5,714	4,622	8,305	6,400	7,196
Salt Use (tons)	1,638	1,886	3,080	1,927	1,551	3,290	1,579	2,140	3,934	2,227	1,800	2,052
Salt Use (pounds/person)	44	50	79	49	39	81	38	50	92	51	41	45
Sand Use (tons)	0	0	120	50	5	10	0	0	100	0	0	0
Sand Use (pounds/person)	0	0	3	1	0	0	0	0	2	0	0	0

Procurement	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Total Paper Purchases (Reams)	NA	NA	621,360	607,385	593,963	589,356	587,255	546,208	514,752	472,298	544,002	377,106
Paper Purchase-30% Post Consumer Recycled (Reams)	NA	NA	129,346	79,331	140,207	155,628	174,593	174,821	139,151	129,065	185,278	57,972
Paper Purchase-50% Post Consumer Recycled (Reams)	NA	NA	3,997	7,617	13,060	13,733	12,074	18,560	16,330	16,647	13,306	2,057
Paper Purchase-100% Post Consumer Recycled (Reams)	NA	NA	12,276	11,139	24,886	18,635	18,317	13,591	10,649	8,237	7,112	56,527
Paper Purchase-% Post Consumer Recycled Content	NA	0	9	6	12	12	13	14	12	12	13	20
Bottled Water Purchases-Individual Sized	NA	584,368	536,755	385,187	599,406	547,207	628,116	829,967	645,114	330,859	578,428	619,857

Cross-Cutting & Emerging	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Building Utilization (total conditioned ft ²)	17,184,347	15,664,421	17,184,347	17,443,017	20,101,765	20,990,698	21,991,603	22,340,971	22,686,906	23,616,237	22,794,061	22,794,061
Building Utilization (total conditioned ft ² /person)	229	206	220	220	250	257	265	262	264	272	259	252
LEED Certification (# of LEED certified buildings)	1	1	1	1	2	2	4	5	6	7	12	12
LEED Certification (% of all buildings)	0	0	0	0	1	1	1	1	2	2	3	3
Enrollment Data(sustainability related)	16,334	12,221	13,576	14,241	18,888	19,598	19,696	21,642	21,814	21,726	21,726	36,970
Courses Offered (sustainability related)	393	488	570	488	339	644	525	575	654	635	677	714
Enrollment per Course(sustainability related)	42	25	24	29	56	30	38	38	33	34	32	52

Population	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Total Ann Arbor Student Enrollment	39,993	40,025	41,042	41,028	41,674	41,924	42,716	43,426	43,710	43,625	43,651	44,718
Ann Arbor Campus Staff	22,739	23,016	23,316	23,909	24,639	24,900	24,845	25,139	25,448	25,757	26,255	27,066
UM Hospital Staff	12,398	13,110	13,728	14,237	14,214	14,704	15,514	16,721	16,829	17,546	18,045	18,821
Total Campus Population	75,130	76,151	78,086	79,174	80,527	81,528	83,075	85,286	85,987	86,928	87,951	90,605