

### Appendix A - TPC 15 Data Set

		<i>Pre TDM fall 2000</i>	<i>Start TDM fall 2003/4</i>	<i>10 Yr/ Pre Housing Boom fall 2013</i>	<i>Current fall 2018</i>	<i>Trendline<sup>x</sup></i>
Statistic		<i>or FY 00</i>	<i>or FY 04</i>	<i>or FY 14</i>	<i>or FY 18</i>	
1 Parikng Supply (spaces)						
a	Total Auto	6,424	6,617	6,804	7,081	
b	Exclusive F/S	2,101	1,950	2,033	2,159	
c	F/S Available	4,499	4,212	4,176	4,564	
d	F/S Available Core	2,600	2,580	2,698	2,729	
e	Exclusive Commuter Student	193	256	241	190	
f	Combined Commuter (F/S/Mixed/Cmtr)	5,232	4,468	4,517	4,536	
g	Combined Visitor (Meter & Paystation)	355	446	521	507	
h	Combined Reserved	887	472	394	515	
i	ADA	124	164	168	173	
j	Service + Load Zone	128	188	275	310	
2 Parking Demand (permits and \$)						
a	Total permits	8,213	8,804	7,972	8,271	
b	F/S permits	2,094	2,175	2,086	2,085	
c	Commuter Student Permits	3,489	3,570	2,434	2,251	
d	Combined Commute permits (F/S/C)	5,839	7,003	5,908	5,355	
e	Emeritus Permits	261	272	312	386	
f	Resident Student Permits	1,941	1,596	1,567	1,897	
g	F/S/C annual permit Fee	\$ 32	\$ 32	\$ 50	\$ 75	
i	Resident Student Annual permit Fee (Range)	\$32-\$100	\$150-\$300	\$200-\$350	\$225-\$375	
j	Resident Student Annual permit Fee(core)	\$ 65	\$ 225	\$ 275	\$ 375	
k	DHM Mill Plaza downtown Parking (annual)	\$ 600	NA	NA	\$ 1,100	
3 Standard Ratios						
a	Total Permits:Total Spaces	1.44	1.28	1.17	1.17	
b	FS Permits:FS Avail Spaces	0.73	0.69	0.77	0.68	
c	FS Permits:FS Avail Core Spaces	1.06	1.07	1.12	1.14	
d	Cmmtr Permits:Cmmtr Avail Spaces	1.65	1.35	1.14	0.95	
e	FS/Permits:FS HC (incl Adjunct)	0.71	0.61	0.74	0.72	
f	Total Permits: Total UNH HC	0.56	0.51	0.41	0.42	
4 Parking Compliance/Equity (Fines)						
a	total # violations		23,431(FY 05)	15,400	18,890	
b	UTS Fines Issued (end of year)'05/'14/'18	\$ 887,000	\$ 1,111,895	\$ 735,665	\$ 771,305	
c	UTS Parking Permit Revenue		\$ 539,713	\$ 927,912	\$ 1,094,620	
d	UTS Parking Meter/Visitor Revenue	\$ 131,800	\$ 186,360	\$ 355,746	\$ 373,616	
e	Est. Total UTS Revenue	\$ 1,018,800	\$ 1,837,968	\$ 2,019,323	\$ 2,239,541	
f	% Permit Revenue	<40%	29%	46%	49%	
g	% Meter/Paystation Revenue	+~15%	10%	18%	17%	
h	% Fine Revenue	>55%	60%	36%	34%	
i	Parking Division Est Operating Expense	\$ 420,004		\$ 913,428	\$ 707,260	

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		Pre TDM fall 2000	Start TDM fall 2003/4	10 Yr/ Pre Housing Boom fall 2013	Current fall 2018	Trendline <sup>x</sup>
Statistic		or FY 00	or FY 04	or FY 14	or FY 18	
5 Transit						
a	Wildcat System Ridership	97,010	157,949	270,855	160,111	
b	Wildcat service miles	160,648	234,594	347,820	242,508	
c	Campus Connector System Ridership	518,950	601,297	968,891	942,281	
d	Connector Service miles	NA	NA	246,807	163,038	
e	combined system ridership	615,960	759,246	1,239,746	1,102,392	
f	PVMT Estimated	1,942,545	3,044,799	4,498,441	3,014,532	
g	combined system service miles	160,648	234,594	594,627	405,546	
h	combined system annual operational \$	630,700	1,236,000	1,294,000	2,696,000	
i	Wildcat weekday AY ave freq (9am-5pm) goal	60-120 min	60 - 90 min	90 mins	90 mins +	
j	Connector West Edge Lot am peak freq	NA	7 min	10 min	12 mins	
k	Wildcat Transit FY cash sales (% trips)	NA	\$20,124	\$37,531	\$26,779	
l	Wildcat % CNG transit fleet	0%	1%	33%	44%	
m	Annualized Trips/ Total Student HC	7	12	18	10	
n	Annualized Trips/ Resident Student HC	89	95	129	130	
o	Annualized Trips/ Total Staff HC	186	177	305	257	
6 UNH Campus Headcount and Bedcount						
a	Staff HC (F/S/Adjunct) <sup>Note 1</sup>	3,320	4,281	4,063	4,293	
b	Student HC (Grad+Undergrad Degree) <sup>Note 2</sup>	13,026	13,266	15,169	15,455	
c	est. max UNH Campus wkdy HC	16,346	17,547	19,232	19,748	
d	Residential Student HC (grad+ugrad)	5,838	6,340	7,513	7,228	
d1	private DHM housing complex (exclude Greek) beds (added prior)			250	2,192	
e	est. combined UNH+Private DHM Student resident pop share <sup>Note 3</sup>	57%	59%	61%	71%	
6 Other Modes/Metrics						
a	ZipCar annual miles DHM fleet			53,314	75,000	
b	Amtrak Downeaster Annual Ridership (DHM)		29,819	61,410	59,370	
c	bike rack capacity on campus	1,000	1,390	2,530	3,000	
d	ADT traffic volume east of roundabout	14,000	11,000	9,800	10,800	
e	ADT traffic volume Main St @ T-Hall	12,500	10,500	9,300	9,676	
f	peak hour ped/bike vol Main @ Garrison		964	1,100	1,450	
g	peak hour veh vol Main @ Garrison	785	857	820	877	
h	Next Bus hits (combined portals)			1.2M		
i	registered mopeds (fall)			137	403	
j	total UTS annual budget			\$4,590,781	\$5,082,236	
k	core campus hourly daytime meter fee			\$1.25	\$1.50	
l	core campus hourly evening meter fee				\$1.50	
m	Student Transportation Fee (annual \$/pers)		\$35	\$109	\$143	
n	Total Student Fee Revenue \$		\$ 454,310	\$ 1,458,000	\$ 1,885,000	

Note 1 - HR Report Actual Total Unique HC

Note 2- IRR Report fall - Durham Total (HC of undergrad, grad degree and non-degree)

Note 3 - Assumes Greek pop of 750, Complex Population, plus UNH bedcount + assumed 800 Durham non-complex resident student

Note X - trendline represents visual trend across this line of data only - it is not scaled or comparable across data rows

\* fall 2003 Census data is missing at this time- used fall 2004

Appendix B

Permit Count Snapshots - Fall

See Note 7

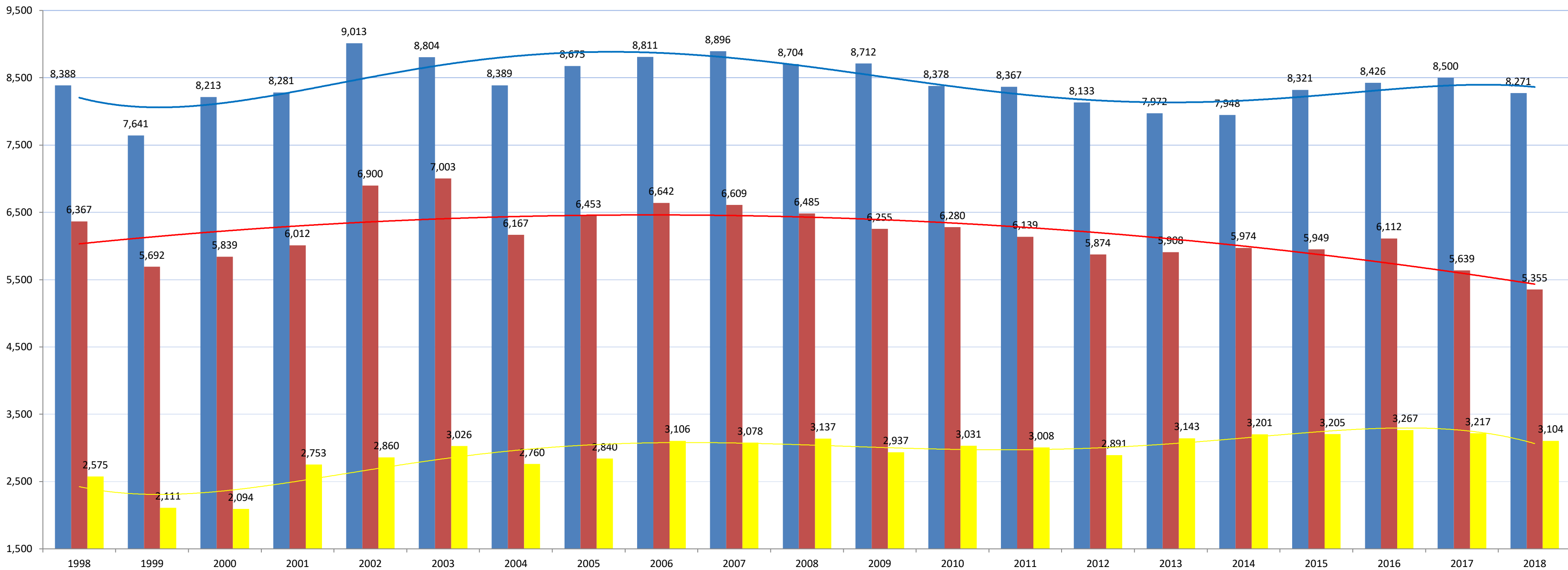
YEAR	Sale Cap	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	17-18	Five Year	Ten Year
		December	9/21/1999	10/3/2000	10/31/2001	10/22/2002	10/16/2003	10/6/2004	10/17/2005	10/31/2006	10/29/2007	10/7/2008	10/27/2009	10/1/2010	10/1/2011	10/1/2012	10/1/2013	10/1/2014	10/1/2015	10/3/2016	10/2/2017	10/1/2018	Change	Change	Change
Commuter		3,128	2,985	3,233	2,825	3,242	3,163	3,407	2,907	2,860	2,777	2,628	2,638	2,529	2,413	2,323	2,103	2,027	1,986	2,033	2,422	2,251	-7%	7%	-14%
Contractor		24	14	89	216	192	38	98	112	34	70	21	32	9	80	126	45	17	101	42	33	24	-27%	-47%	14%
Departmental Reserved <sup>2</sup>	X	Data not preserved											67	74	80	88	88	83	84	63	115	78	-32%	-11%	
Woodside	X	223	219	217	220	212	211	215	216	203	206	199	209	206	207	204	207	201	206	205	204	204	0%	-1%	3%
Durham Ambulance		36	33	23	25	30	38	37	38	46	47	59	78	53	49	47	55	54	57	58	64	64	0%	16%	8%
E/E1	X	194	194	202	195	192	194	197	196	203	209	209	216	216	216	216	217	216	216	193	215	215	11%	0%	3%
Emergency		36	32	37	45	66	48	45	54	16	11	6	4	3	5	1	5	74	2	42	31	26	-16%	420%	333%
Emeritus		239	252	261	268	271	272	283	304	315	320	340	368	290	291	329	312	312	341	376	397	386	-3%	24%	14%
Faculty		817	205	682	755	807	851	822	887	933	930	963	928	956	964	936	938	978	990	996	947	917	-3%	-2%	-5%
Forest Park (resident)																80	89	91	93	101	101	0%	13%	#DIV/0!	
Gables	X	278	279	280	283	273	277	283	284	445	458	455	451	455	453	431	450	444	464	462	460	455	-1%	1%	0%
Grad Asst. <sup>7/7A</sup>	X	332	298	256	217	399	407	0	353	338	377	360	340	360	359	330	331	373	379	406					
Greenhouse		-	3	2	1	2	2	4	1	0	3	4	0	0	0	0	-	-	-	-	-	-	#DIV/0!	#DIV/0!	-100%
Hall Director (Res Life Managed) <sup>10</sup>	X	24	17	21	23	24	23	18	24	20	17	19	19	19	19	19	19	19	19	19	19	25	32%	32%	32%
UNH Police <sup>9</sup>																									
Res West		1,025	1,031	1,242	900	908	914	866	933	814	919	832	850	673	698	613	595	490	615	654	845	922	9%	55%	11%
West Edge Non-Resident (new storage) <sup>8</sup>	X																		143	154	66	74	12%		
Remote Facility									12	15	13	15	16	13	15	15	14	15	15	13	14	8%	0%	-7%	
Rec Pass		19	12	10	9	20	11	17	18	11	14	14	10	7	10	8	11	10	8	6	7	9	29%	-18%	-36%
Staff		1,758	1,906	1,412	1,998	2,053	2,175	1,938	1,953	2,173	2,148	2,174	2,009	2,075	2,044	1,955	2,086	2,105	2,117	2,181	2,155	2,085	-3%	0%	-4%
Staff-Affiliate Employees <sup>3</sup>																		118	98	90	115	102	-11%	-14%	
STAFF SUBTOTAL		1,758	1,906	1,412	1,998	2,053	2,175	1,938	1,953	2,173	2,148	2,174	2,009	2,075	2,044	1,955	2,205	2,223	2,215	2,271	2,270	2,187	-4%	-1%	1%
Service		67	18	79	96	98	89	50	102	127	135	146	149	172	169	169	51	54	50	54	72	69	-4%	35%	-53%
Service-Affiliate Employees <sup>3</sup>																	24	22	32	32	28	22	-21%	-8%	
SERVICE SUBTOTAL		67	18	79	96	98	89	50	102	127	135	146	149	172	169	169	75	76	82	86	100	91	-9%	21%	-38%
Volunteer		155	110	141	172	181	64	50	111	36	40	36	55	41	64	42	43	35	39	40	45	50	11%	16%	39%
Vendor		33	33	26	33	43	27	39	74	120	94	95	129	86	97	87	50	61	92	83	89	91	2%	82%	-4%
Winter Ban								20	96	102	108	129	144	141	134	114	96	122	104	81	73	74	1%	-23%	-43%
Winter Ban-Affiliate Employees <sup>3</sup>																	25	26	20	15	6	13	117%	-48%	
WINTER BAN SUBTOTAL								20	96	102	108	129	144	141	134	114	121	148	124	96	79	87	10%	-28%	-33%
Total Permits		8,388	7,641	8,213	8,281	9,013	8,804	8,389	8,675	8,811	8,896	8,704	8,712	8,378	8,367	8,133	7,972	7,948	8,321	8,426	8,500	8,271	-3%	4%	-5%
Tracked Macro Groupings																									
Fac/Staff Combined		2,575	2,111	2,094	2,753	2,860	3,026	2,760	2,840	3,106	3,078	3,137	2,937	3,031	3,008	2,891	3,143	3,201	3,205	3,267	3,217	3,104	-4%	-1%	-1%
Resident Combined <sup>1</sup>		1,720	1,723	1,941	1,598	1,585	1,596	1,561	1,629	1,665	1,792	1,695	1,726	1,550	1,574	1,544	1,557	1,443	1,594	1,640	1,803	1,897	5%	22%	12%
Commuter Student <sup>4</sup>		3,460	3,283	3,489	3,042	3,641	3,570	3,407	3,260	3,198	3,154	2,988	2,978	2,889	2,772	2,653	2,434	2,400	2,365	2,439	2,422	2,251	-7%	-8%	-25%
Combined Commuter: F/S, Commuter, Grad Asst		6,367	5,692	5,839	6,012	6,900	7,003	6,167	6,453	6,642	6,609	6,485	6,255	6,280	6,139	5,874	5,908	5,974	5,949	6,112	5,639	5,355	-5%	-9%	-17%
Other		633	524	689	888	927	612	661	946	842	872	884	1,071	908	1,013	1,045	838	904	1,157	1,080	1,058	1,019	-4%	22%	15%
Motorcycle		93	61	102	90	100	88	102	167	144	167	185	160	148	150	157	151	151	178	171	127	129	2%	-15%	-30%
Moped Permits																156	137	171	268	333	378	403	7%	194%	
YEAR		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018			

- Note 1 - Woodside, Gables, Res West and E/E1 Lots
- Note 2- Department Owned Accounts
- Note 3 - Affiliates are non-UNH payroll employees (UNICO, EMCOR etc) new with '13-14 year
- Note 4 - Includes Undergrad, Graduate and Graduate Asst permits
- Note 5 - In 2014 UNH Police staffed were switched from F/S to Emergency permits (increase EM 69)
- Note 6 - Other is Total Permits minus Combined Commuter: F/S, Commuter, Grad Asst
- Note 7 - 2004- GAs were provided F/S permits (1 yr only) resulting in F/S bump
- Note 7A - as of 2017-18 GA was shifted to Commuter permits resulting in a decrease in F/S and increase in Commuter
- Note 8 - 150 newly available '15-16, \$500 off-campus Durham student residents within the "commuter ineligible zone"
- Note 9 - effective fall 2015 Police issue and manage permits for Police staff lot - Estimated permit #
- Note 10 - these represent reserved hall director spaces. The students have Res permits and this number should not be double counted

See Note 7

Category Max Year

Permits Issued (October)  
Total and Combined Commuters(F/S/student/Grad Asst) and F/S Only









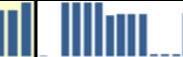






















Recent Year Parking Space Inventory - All Types																		
October Census Year	Total ALL TYPES Spaces	Total Auto Spaces	Core F/S Avail*	Total F/S Avail **		Combined Reserved	Resident	Hall Director	ADA	CMTR	FAC/STAF F excl.	Mixed		Motprcycle estimated	Moped estimated	COMBINED SERVICE/LOA D	COMBINED Paystation/ Meter	COMBINED Reserved
2014	7,558	6,865	2,698	3,972		439	964	28	172	241	2,004	2,162		143	346	287	521	439
2015	7,531	6,851	2,719	4,405		505	962	29	172	189	2,000	2,233		166	325	295	469	505
2016	7,527	6,865	2,703	4,387		460	970	26	171	189	1,959	2,219		124	334	298	473	460
2017	7,855	7,125	2,704	4,530		515	970	25	178	242	2,172	2,135		136	390	311	529	515
2018	7,805	7,081	2,729	4,564		515	970	26	173	190	2,159	2,187		138	382	310	507	515
5 year change	247	216	31	592		76	6	(2)	1	(51)	155	25		(5)	36	23	(14)	76
5 year change	3%	3%	1%	15%		17%	1%	-7%	1%	-21%	8%	1%		-3%	10%	8%	-3%	17%
2017	7,855	7,125	2,704	4,530		515	970	25	178	242	2,172	2,135		136	390	311	529	515
2018	7,805	7,081	2,729	4,564		515	970	26	173	190	2,159	2,187		138	382	310	507	515
1 yr Change	(50)	(44)	25	34	#	-	-	1	(5)	(52)	(13)	52		2	(8)	(1)	(22)	-
1 yr Change	-0.6%	-0.6%	0.9%	0.8%				4.0%	-2.8%	-21.5%	-0.6%	2.4%		1.5%	-2.1%	-0.3%	-4.2%	
ALL spaces includes trailers, mopeds, motorcycles																		
The term 'available' includes exclusively designated, mixed lots and ADA																		
* "Core" includes core campus lots east of tracks including Strafford, Strafford Ave and D-Lot plus A-Lot, Field House, Gregg, Ocean Engineering and Waterworks including respective ADA																		
** Includes All Available Spacesavailable to Faculty/Staff including respective ADA																		
Combined Reserved includes Departmental, Reserved and Guest Rerserved																		

	CMP Base Fall 2002	Fall 2018	Change 2004-2018
F/S Exclusive spaces	2,185	2,159	194
F/S Avail Spaces	3,942	4,564	505
F/S Avail 'Core' Spaces	2,662	2,729	135
TOTAL AUTO SPACES	6,318	7,236	614
<b>Total Includes 155 DMV leased spaces</b>			

Appendix D

Permit to Space Data and Ratios

Select Parking Permit Categories						Parking Spaces										
Fall of:	F/S	Student Commuter (incl GA) <sup>10</sup>	Student Resident	Other	Total	<CMP Year>	Fall of:	F/S Exclusive <sup>A</sup>	F/S Available <sup>1</sup>	F/S "Core" Avail <sup>7</sup>	Commuter Exclusive	Commuter Available	Resident Exclusive	Resident Available <sup>2A</sup>	Total Campus Auto <sup>8</sup>	
2002	2,860	3,641	1,585	1,027	9,113		2002	2,146	3,934	2,698	187	2,207	900	1,650	6,348	
2003	3,026	3,570	1,596	1,107	8,892		2003	Category Detail Data Missing								
2004	2,760	3,407	1,561	763	8,491		2004	1,950	4,024	2,580	256	2,518	854	1,628	6,617	
2005	2,840	2,907	1,629	1,299	8,675		2005	1,973	4,100	2,600	256	2,214	922	1,947	6,791	
2006	3,105	3,198	1,665	1,324	8,955		2006	1,977	4,108	2,583	256	2,518	1,054	1,828	6,937	
2009	2,937	2,978	1,726	1,164	8,805		2009	1,908	4,020	2,575	256	2,518	968	1,828	6,833	
2010	3,031	2,529	1,550	1,467	8,577		2010	1,878	3,983	2,556	239	2,575	1,100	1,872	6,801	
2011	3,008	2,772	1,574	1,083	8,437		2011	1,966	4,084	2,657	241	2,577	962	1,734	6,883	
2012	2,891	2,653	1,544	1,375	8,133		2012	2,045	4,126	2,693	241	2,609	959	1,973	6,914	
2013 <sup>9</sup>	3,024	2,434	1,557	957	7,972		2013 <sup>9</sup>	2,033	3,940	2,707	241	2,142	962	1,755	6,804	
2014	3,201	2,400	1,443	1,395	7,948		2014	2,004	3,972	2,698	189	2,378	964	1,536	6,865	
2015	3,205	2,365	1,594	1,151	8,315		2015	2,000	4,405	2,719	189	2,422	962	1,976	6,851	
2016	3,267	2,439	1,640	1,080	8,426		2016	1,959	4,387	2,703	189	2,401	970	1,936	6,865	
2017	3,217	2,422	1,803	1,058	8,500		2017	2,172	4,530	2,704	242	2,401	970	1,936	7,125	
2018	3,104	2,251	1,897	1,019	8,271		2018	2,159	4,564	2,729	190	2,377	970	1,936	7,081	
																
Tracking Ratios																
	Permits : Space (# permits issued per space)								Spaces : Permit (# of spaces available per permit issued)							
Fall of:	F/S Permits : exclusive F/S spaces	F/S permits: F/S avail spaces. <sup>3</sup>	F/S permits : core F/S spaces <sup>6</sup>	Commuter permits : Commuter exclusive	Commuter permits: total avail commtuer. <sup>4</sup>	Resident permits : resident exclusive	Resident permits: total avail resident. <sup>4</sup>	Total Auto Permits: Total Auto Spaces. <sup>5</sup>	F/S exclusive spaces : F/S permit	F/S total avail spaces : permit. <sup>3</sup>	F/S core campus spaces: F/S permit <sup>6</sup>	Commuter exclusive spaces : commuter permit	Total avail commuter spaces: commtuer permit <sup>4</sup>	Resident exclusive spaces : resident permit	Total avail resident spaces: resident permit. <sup>4</sup>	Total campus spaces avail: total permit <sup>5</sup>
2002	1.33	0.73	1.06	19.47	1.65	1.76	0.96	1.44	0.75	1.38	0.94	0.05	0.61	0.57	1.04	0.70
2004	1.42	0.69	1.07	13.31	1.35	1.83	0.96	1.28	0.71	1.46	0.93	0.08	0.74	0.55	1.04	0.78
2005	1.44	0.69	1.09	11.36	1.31	1.77	0.84	1.28	0.69	1.44	0.92	0.09	0.76	0.57	1.20	0.78
2006	1.57	0.76	1.20	12.49	1.27	1.58	0.91	1.29	0.64	1.57	0.83	0.08	0.79	0.63	1.10	0.77
2009	1.54	0.73	1.14	11.63	1.18	1.78	0.94	1.29	0.65	1.54	0.88	0.09	0.85	0.56	1.06	0.78
2010	1.61	0.76	1.19	10.58	0.98	1.41	0.83	1.26	0.62	1.31	0.84	0.09	1.02	0.71	1.21	0.79
2011	1.53	0.74	1.13	11.50	1.08	1.64	0.91	1.23	0.65	1.36	0.88	0.09	0.93	0.61	1.10	0.82
2012	1.41	0.70	1.07	11.01	1.02	1.61	0.78	1.18	0.71	1.43	0.93	0.09	0.98	0.62	1.28	0.85
2013	1.49	0.77	1.12	10.10	1.14	1.62	0.89	1.17	0.67	1.30	0.90	0.10	0.88	0.62	1.13	0.85
2014	1.60	0.81	1.19	12.70	1.01	1.50	0.94	1.16	0.63	1.24	0.84	0.08	0.99	0.67	1.06	0.86
2015	1.60	0.73	1.18	12.51	0.98	1.66	0.81	1.21	0.62	1.37	0.85	0.08	1.02	0.60	1.24	0.82
2016	1.67	0.74	1.21	12.90	1.02	1.69	0.85	1.23	0.60	1.34	0.83	0.08	0.98	0.59	1.18	0.81
2017	1.48	0.71	1.19	10.01	1.01	1.86	0.93	1.19	0.68	1.41	0.84	0.10	0.99	0.54	1.07	0.84
2018	1.44	0.68	1.14	11.85	0.95	1.96	0.98	1.17	0.70	1.47	0.88	0.08	1.06	0.51	1.02	0.86
																

- NOTES:
- A Excludes ADA spaces (No ADA)
  - 1 Exclusive plus ADA plus available in 'Mixed' Lots permitting F/S Parking (like A-Lot, S-Lot and West Edge - Not Mast 1 or M until 9/1/15)
  - 2 Available withiin the core geographic area (all lots east of tracks plus Lot A, M, Visitor Center, G (not G1) Waterworks, Colovos, Ocean Engineering)
  - 2A Combined Resident and West Edge (only) thru 2014 then Resident, West Edge and Resident West (Mast 1)
  - 3 statistics that looks at F/S permits versus all available F/S spaces
  - 4 statistics that looks at Commuter permits versus available Commuter spaces
  - 5 statistics that looks at total permits versus total spaces
  - 6 All F/S spaces east of tracks AND F/S Available spaces in A-Lot, Field House E&W, Ocean Engineering, Gregg and Waterworks
  - 7 Lots east of tracks plus FH E/W,Front, G, Waterworks, Ocean Engineering, Gregg, A-Lot (in 2015 add M and VIC)
  - 8 Uses full UTS Census Count excluding mopeds, m/c and trailers
  - 13-14 Year UTS created affiliate categories for F/S, Winter Ban categories. These are non-UNH employees - many previous had Service permits (this resulted in 'increse' of 115 staff permits). They are excluded
  - 9 from F/S ; listed seperately but included in UNH Total permits (2013= 119, 2014=118, 2015= 98)
  - 10 Includes undergrad, graduate and Graduate Assistant permits
  - 11 As of 9/1/15 Total Permits includes 150 Durham Resident Student Permits in West Edge Lot (for upperclass students in Durham non-UNH housing)
- 2016 Changes New Lot names - Moiles dirt lot(formerly Mast 2) is now Commuter Only Mathes and Mast (formerly Mast 1) are F/S, Commuter and Res West

Appendix E

Total UNH System Transit Ridership

Academic Year	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	Net Change 99-2018	Ave. Yearly Change	Most Recent Three Yr Change
Trips	615,960	591,170	622,920	659,063	759,246	805,643	911,850	1,088,474	1,118,362	1,115,268	1,093,393	1,138,687	1,094,611	1,182,079	1,239,546	1,342,515	1,325,972	1,249,061	1,102,392			
PVMT <sup>1</sup>	1,942,545	2,046,858	2,275,797	2,342,349	2,797,334	3,044,799	3,702,251	4,333,826	4,576,383	4,754,337	4,475,468	4,449,129	4,412,772	4,498,441	4,127,168	4,050,538	3,367,531	3,099,418	3,014,532			
Trip Change		-4%	5%	6%	15%	6%	13%	19%	3%	0%	-2%	4%	-4%	8%	5%	8%	-1%	-6%	-12%	79%	4%	-17%

Campus Connector - Combined Routes

Academic Year	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	Net Change 99-2018	Ave. Yearly Change	Most Recent Three Yr Change
Trips	518,950	480,684	495,166	530,134	601,297	630,754	689,519	831,225	842,282	821,798	823,357	877,630	802,942	895,203	968,691	1,093,464	1,129,033	1,073,943	942,281			
PVMT <sup>1</sup>	778,425	721,026	742,749	795,201	901,946	946,131	1,034,279	1,246,838	1,263,423	1,232,697	1,235,036	1,316,445	1,204,413	1,342,805	1,743,644	1,858,889	1,693,550	1,610,915	1,413,422			
Trip Change		-7%	3%	7%	13%	5%	9%	21%	1%	-2%	0%	7%	-9%	11%	8%	13%	3%	-5%	-12%	82%	5%	-17%

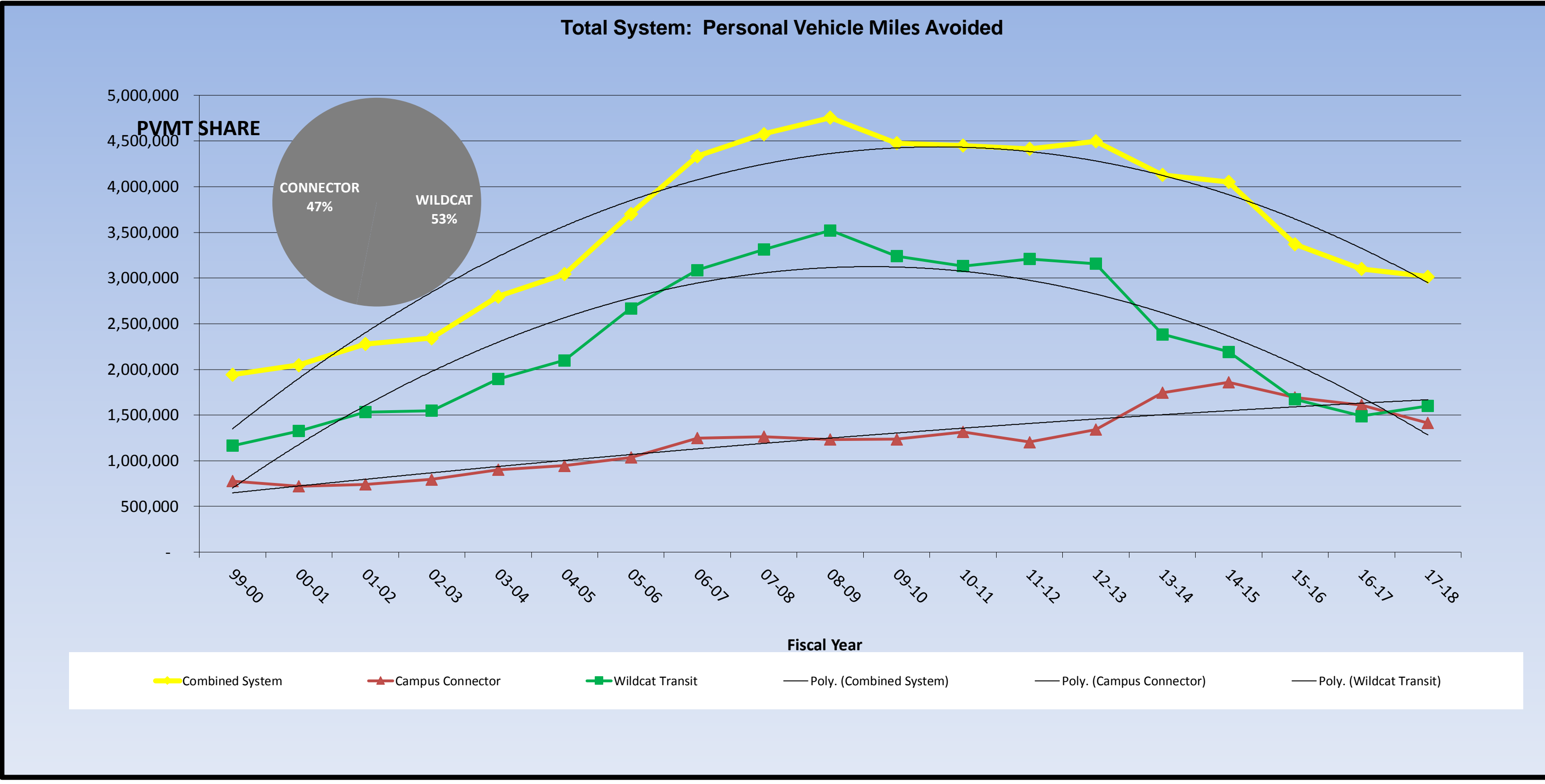
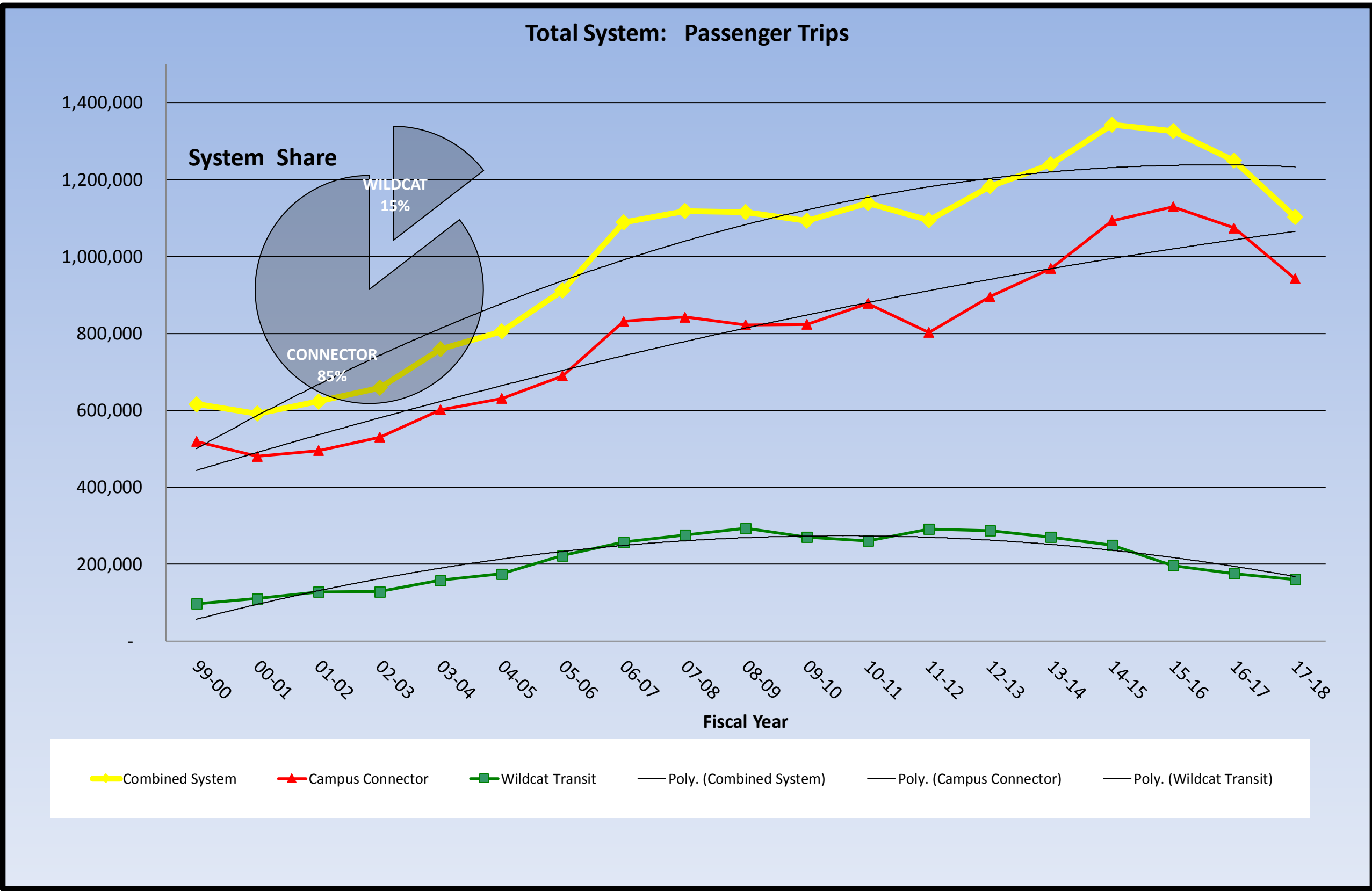
Wildcat Transit - Combined Routes

Academic Year	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	Net Change 99-2018	Ave. Yearly Change	Most Recent Three Yr Change
Trips	97,010	110,486	127,754	128,929	157,949	174,889	222,331	257,249	276,080	293,470	270,036	261,057	291,669	286,876	270,855	249,051	196,939	175,118	160,111			
PVMT <sup>2</sup>	1,164,120	1,325,832	1,533,048	1,547,148	1,895,388	2,098,668	2,667,972	3,086,988	3,312,960	3,521,640	3,240,432	3,132,684	3,208,359	3,155,636	2,383,524	2,191,649	1,673,982	1,488,503	1,601,110			
Trip Change		14%	16%	1%	23%	11%	27%	16%	7%	6%	-8%	-3%	12%	-2%	-6%	-8%	-21%	-11%	-9%	65%	4%	-19%

Notes  
Academic year runs from 1 July to 30 June  
Campus Connector Dining Shuttle eliminated in Sep 2008 Woodslides eliminated Sep 2011  
Rochester 125X began Feb 2013 7x/day reduced to 4x/day 2016 and ended May 2017  
Route 4 supplemental service began fall 2012

<sup>1</sup> Passenger Vehicle Miles Travelled - NextBus documented at 1.5 mile/trip (2015-2016) and held constant  
<sup>2</sup> Passenger Vehicle Miles Travelled - Next Bus documented at 10.0/mi/trip (8.5 mi/trip for 2015-2016 and 8.8 in 2014-2015)

PEAK YEAR



# Appendix F

TPC 15

Phone	Web	Spring 2016 Total
<b>385</b> <b>F/S only</b> (12% sample)	<b>2,266</b> <b>F/S and Student</b> (12% sample)	<b>2,651</b> <b>Universe</b> (+/- 15% sample)
Random Sample	Self-Respond	Blended
27% faculty 73% staff -	13% faculty 25% staff 62% student	15% faculty 32% staff 53% student
12% Durham res	15% Durham res	40% Durham res

	Student Profile	Faculty-Staff	Universe Profile
Residence?	50% on-campus 20% off campus Durham 32% off campus Other	14% Durham 86% Other	42% Durham 58% Other



## TPC 15 Primary Commute Mode to UNH in a Typical Week

<b><u>Faculty Staff</u> Phone/<u>Web</u></b>	<b>2001</b>	<b>2007</b>	<b>2011</b>	<b>2016</b>
Drive Alone	88%	85%/88%	85%/77%	88%/85%
Carpool 2+	6%	4%/5%	6%/9%	3%/5%
Bike/walk	2%	4%/2%	6%/7%	5%/4%
UNH Transit	2%	2%/3%	3%/7%	3%/4%
Other	1%	5%/2%	0%/0%	2%/2%

Spring 2019

80% of non-Durham students drive solo...  
only 30% Durham off-campus do?!

12-15% non SOV (down slightly from prior survey)

A majority of off-campus students now drive solo to UNH

## Primary Commute Mode to UNH in a Typical Week

<b><u>Off-campus students (Web)</u></b>	<b>2001</b>	<b>2007</b>	<b>2011</b>	<b>2016</b>
Drive Alone	93%	50%	48%	60%
Carpool 2+	2%	8%	11%	5%
Bike/walk	2%	15%	17%	12%
UNH Transit	1%	20%	25%	21%
Other	2%	5%	0%	1%



TPC 15  
**Is there a Wildcat Transit stop within 5 minutes of your home?**

<b>Faculty &amp; Staff (both surveys)</b>	<b>2001</b>	<b>2007</b>	<b>2011</b>	<b>2016</b>
Yes	19%	22/ <b>19%</b>	19/ <b>24%</b>	21/ <b>21%</b>
No	78%	78/ <b>79%</b>	78/ <b>70%</b>	74/ <b>71%</b>
DK	3%	0/ <b>2%</b>	3/ <b>6%</b>	5/ <b>8%</b>

Spring 2019  
Knowledge of UNH transit stop proximity has declined...and so potentially has the percentage of students, faculty, & staff within a 5 minute walk

**Is there a Wildcat Transit/Connector stop within 5 minutes of your home?**

<b>Off-Campus Students (web survey)</b>	<b>2001</b>	<b>2007</b>	<b>2011</b>	<b>2016</b>
Yes	23%	54%	56%	49%
No	70%	46%	40%	46%
DK	7%	--	3%	5%

*Do you feel UNH campus and streets have become more or less walkable and safe in recent years? (Aware 9)*

<b>Faculty/Staff (phone)</b>	<b>2016</b>	<b>Student (web)</b>	<b>2016</b>
<b>More Walkable</b>	19%	<b>More Walkable</b>	12%
Stayed about Same	57%	Stayed about Same	51%
<b>Less Walkable</b>	<b>10%</b>	<b>Less Walkable</b>	<b>10%</b>
Don't Know	13%	Don't Know	28%



# 2016 Web Survey Snippets - Traffic

*How much of a problem do you consider traffic in Durham? (Traf2)*

<b>Fac/Staff (phone) &amp; Non-Durham Student Residents (web)</b>	<b>2016</b>
Serious Problem	4%/5%
Minor Problem	32%/50%
Not A Problem	64%/45%
Don't Know	0%/1%

*What route do you generally take when entering campus? (Traf1)*

<b>Fac/Staff (phone) &amp; Non-Durham Student Residents (web)</b>	<b>2016</b>
Main Street from West	38%/50%
Main Street from East	25%/30%
Madbury-Edgewood-Garrison	21%/15%
Other	15%/5%

*Has traffic Congestion in Durham increased in the past two years(Traf3)*

<b>Fac/Staff (phone) &amp; Non-Durham Student Residents (web)</b>	<b>2016</b>
Increased Significantly	15%/12%
Increased Somewhat	34%/30%
Stayed the Same	40%/23%
Decreased	1%/2%
Don't Know	10%/32%

*Do you feel UNH campus and streets have become more or less walkable and safe in recent years (aware 9)*

<b>Faculty/Staff (phone)</b>	<b>2016</b>	<b>Student (web)</b>	<b>2016</b>
<b>More Walkable</b>	19%	<b>More Walkable</b>	12%
Stayed about Same	57%	Stayed about Same	51%
<b>Less Walkable</b>	<b>10%</b>	<b>Less Walkable</b>	<b>10%</b>
Don't Know	13%	Don't Know	28%



# 2016 Web Survey Snippets

*How important is it for UNH Transportation system to demonstrate best environmental practices relating to emissions and alternative fuel use? (Aware 11a)*

<b>Faculty/Staff (phone)</b>	<b>2007</b>	<b>2011</b>	<b>2016</b>	<b>Student (web)</b>	<b>2007</b>	<b>2011</b>	<b>2016</b>
Very Important	73%	65%	64%	Very Important	69%	59%	53%
Somewhat Important	22%	28%	31%	Somewhat Important	27%	31%	33%
<b>Important (subtotal)</b>	<b>95%</b>	<b>93%</b>	<b>95%</b>	<b>Important (subtotal)</b>	<b>91%</b>	<b>90%</b>	<b>86%</b>
Not Very Important	3%	5%	5%	Not Very Important	4%	7%	6%
Not Important at All	2%	2%	2%	Not Important at All		3%	2%

*How frequently do you use the following modes as primary travel to/from UNH(ALT2a..) Several times...**Monthly/Yearly/Never***

	<b>Amtrak</b>	<b>UNH Transit</b>	<b>Carpool</b>	<b>Bike Skate or Walk</b>	<b>Moped</b>
<b>UNH Community</b>	<b>2%/7%/92%</b>	<b>24%/27%/70%</b>	<b>13%/17%/77%</b>	<b>16%/18%/78%</b>	<b>1%/1%/98%</b>
<b>Faculty/Staff</b>	<b>2%/3%/98%</b>	<b>10%/13%/85%</b>	<b>7%/10%/87%</b>	<b>11%/14%/85%</b>	<b>0%/0%/99%</b>
<b>Students</b>	<b>3%/11%/87%</b>	<b>35%/38%/57%</b>	<b>18%/23%/68%</b>	<b>21%/22%/72%</b>	<b>1%/1%/98%</b>
On-Campus	5%/18%/77%	35%/38%/57%	20%/29%/59%	24%/25%/66%	2%/2%/98%
Off-campus(Durham)	1%/8%92/%	50%/51%45/%	25%/29%/66%	35%/36%/56%	5%/6%/93%



**Move your car during the day while on campus?**

Spring 2019

**Fac/Staff (phone) &  
Students (web)****2001****2007****2011****2016****Park Once  
Campus  
Strategy**

Yes

26%/13  
%

48%/38%

20%/25%

18%/22%

No

74%/87

52%/62%

80%/75%

82%/70%

**How many days per week do you travel to UNH?****Fac/Staff (phone) &  
Off-Campus Students (web)****2001****2007****2011****2016****TDM Impact:**

0-4

20%/69%

16/34%

13/27%

12%/34%

**Student fluctuation –  
due to class changes?**

5

71/24%

72/32%

79/27%

81%/43%

6-7

10%/6%

9/34%

10/46%

7%/22%

Car Access or Ownership	All Students:	UNH Resident Students	Off-Campus Durham resident students	Fac-staff	Universe	
2016	54%	44%	81%	93%	61%	Car Access has declined
2011		65%	92%	98%	86%	
2007		43%	'<<< Do you keep a car in a UNH campus lot			
2001		38%				



## 2016 Awareness Levels of Various Services & Programs

Spring 2019

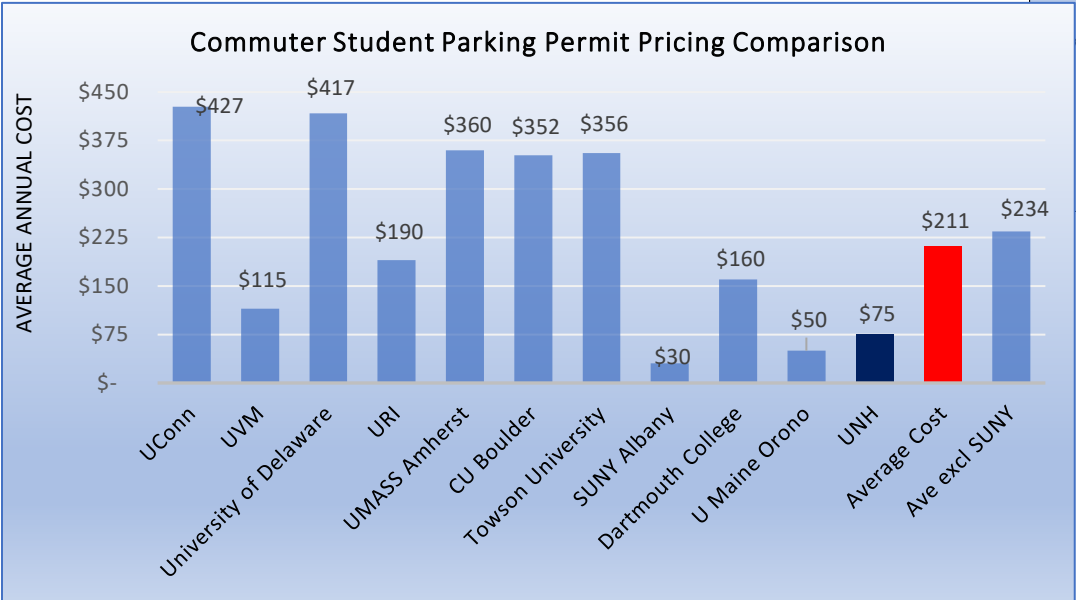
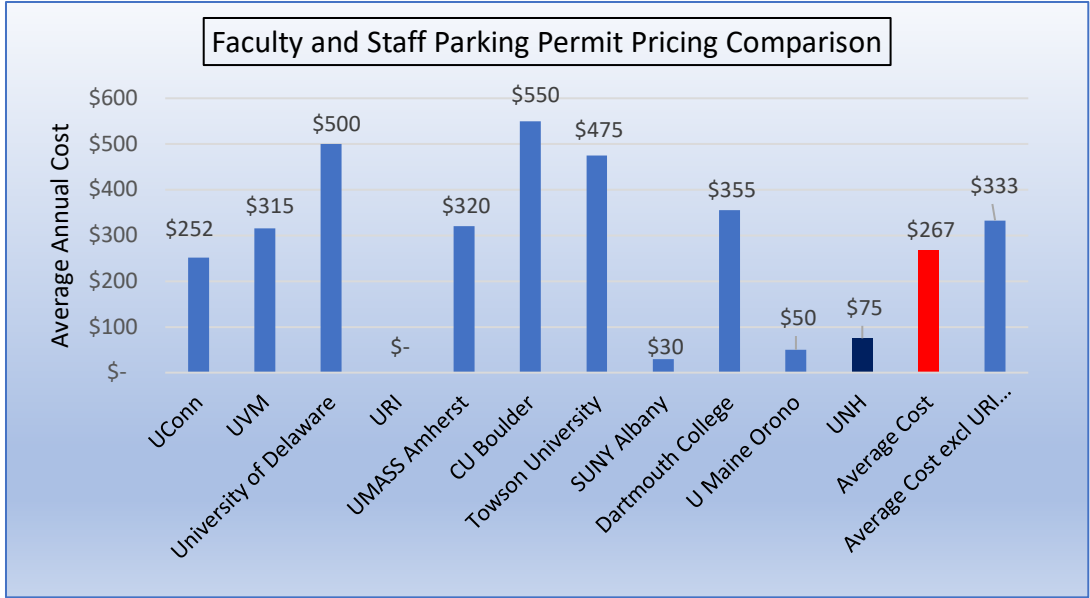
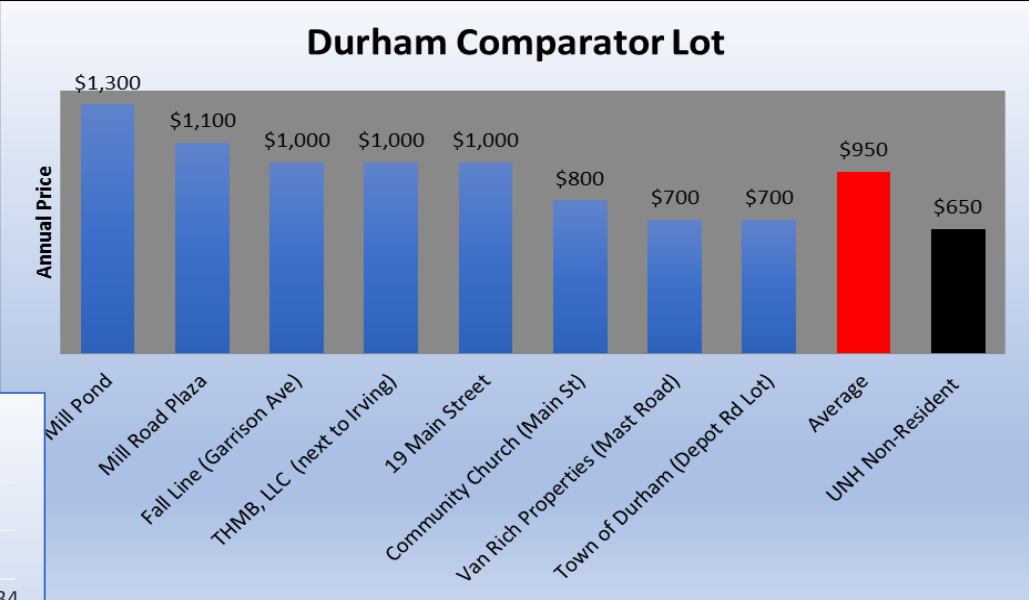
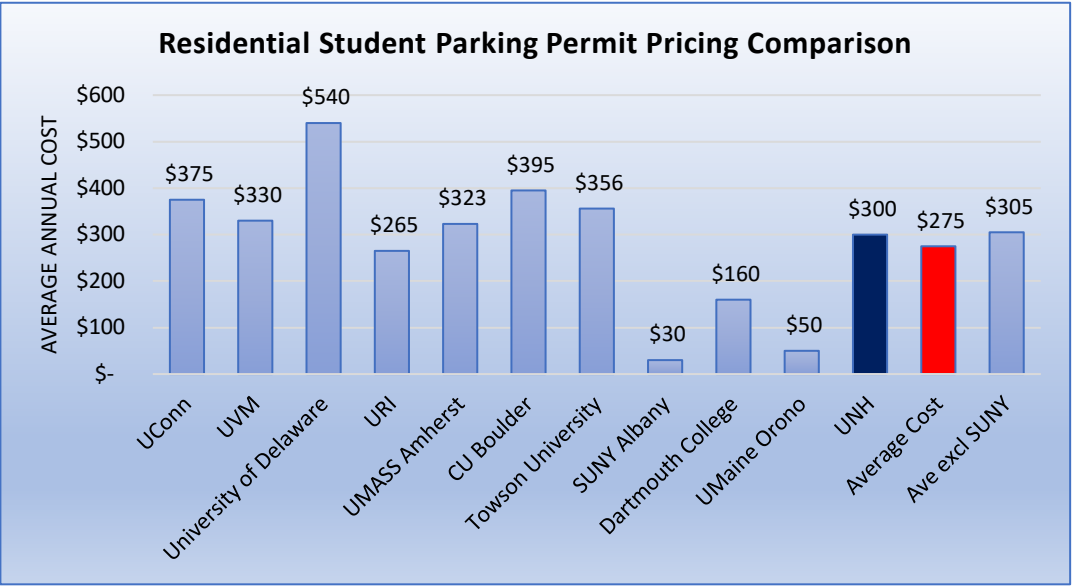
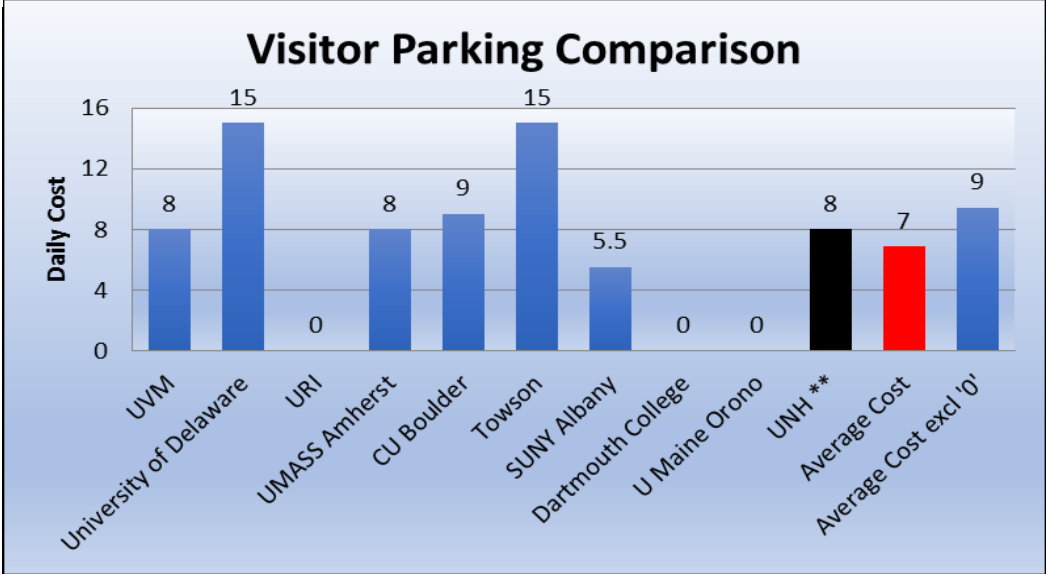
fac/staff (phone) all students (web)	Guaranteed Ride Home	NextBus transit info	Carpool Lot	Zipcar	Amtrak	Master Plan Walking Campus	Alternative Fuel Transit Fleet
Aware and used	2%/3%	21%/46%	Skipped in 2016 survey			62%/15%	87%/57%
Aware and not used	34%/17%	28%/12%					
Not Aware	64%/80%	51%/42%				38/78%	13%/37%

## 2016 Satisfaction Levels Regarding Accommodation/Condition of...

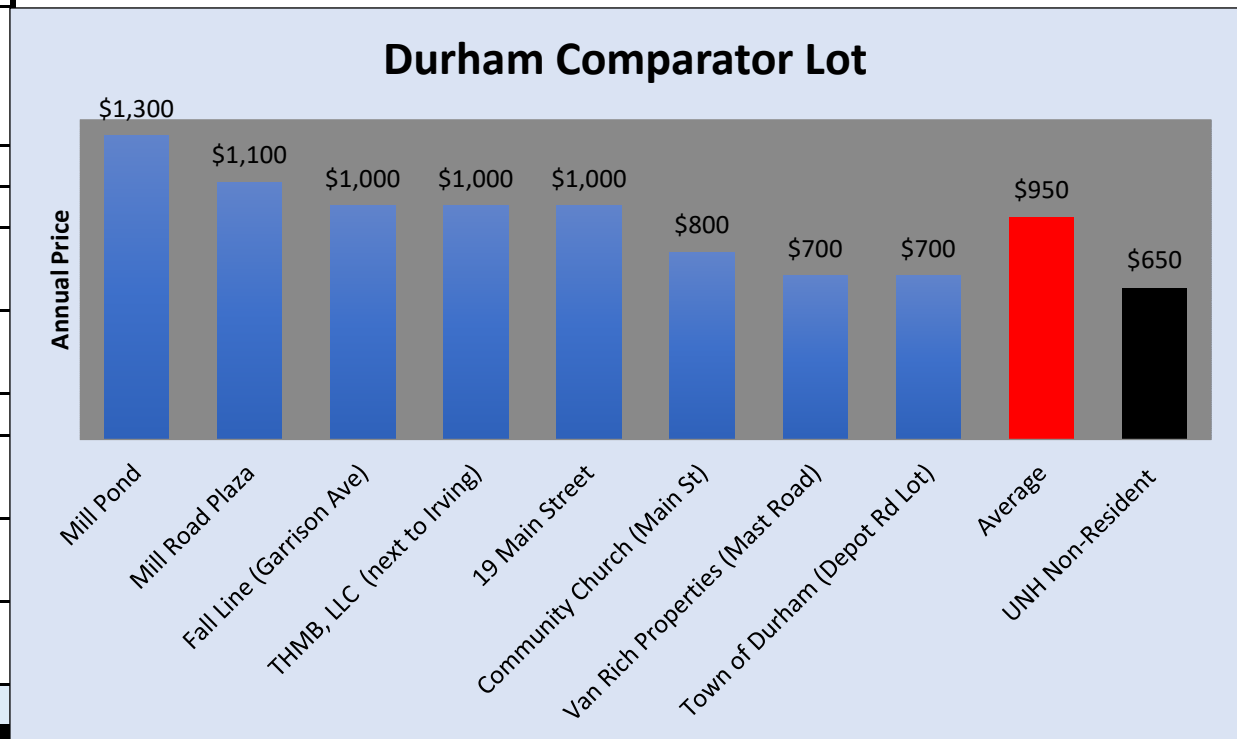
fac/staff (phone) /Students (web)	Sidewalk Condition	Bike conditions	Bike Storage	Parking Lot Conditions	Sidewalk Snow removal	Parking Lot snow removal	Transit Service	Transit Frequency	Signage for cars & Peds.
Excellent	28%/33%	11%/19%	18%/23%	9%/11%	11%/15%	14%/11%	25%/30%	14%/12%	20%/23%
Good	54%/49%	52%/43%	46%/38%	57%/37%	37%/35%	51%/32%	38%/45%	37%/34%	58%/47%
Fair	16%/14%	20%/22%	14%/17%	27%/28%	35%/29%	24%/31%	4%/12%	12%/29%	18%/22%
Poor	2%/3%	4%/5%	3%/4%	7%/19%	16%/19%	9%/18%	0%/2%	2%/15%	4%/6%
DK	0%/1%	13%/11%	19%/18%	1%/5%	1%/3%	1%/8%	34%/10%	34%/11%	1%/2%



Appendix G.1



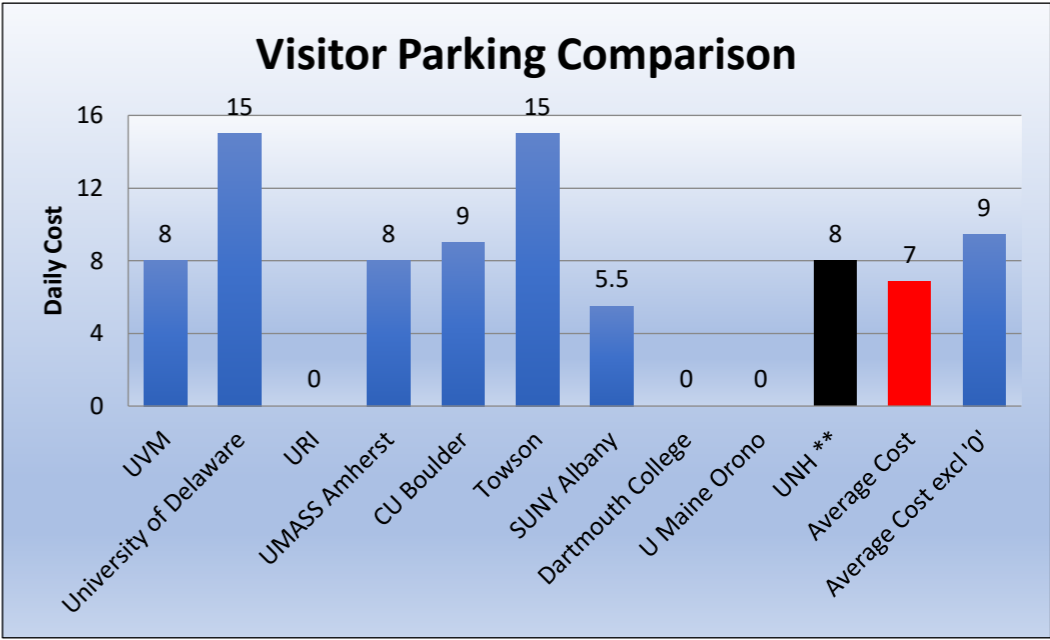
Durham Comparator Lot Pricing (fall 2018 update)			
Vendor	Annual Price	Single Semester	Summer
Mill Pond	\$1,300	\$500	\$350
Mill Road Plaza	\$1,100	\$600	\$250
Fall Line (Garrison Ave)	\$1,000	\$500	<i>not listed</i>
THMB, LLC (next to Irving)	\$1,000	\$500	<i>not listed</i>
19 Main Street	\$1,000	not listed	<i>not listed</i>
Community Church (Main St)	\$800	\$500	\$300
Van Rich Properties (Mast Road)	\$700	not listed	<i>n/c</i>
Town of Durham (Depot Rd Lot)	\$700	\$400	\$150
<b>Average</b>	<b>\$950</b>	<b>\$500</b>	<b>\$263</b>
<b>UNH Non-Resident</b>	<b>\$650</b>	<b>West Edge Lot</b>	



Appendix G.3

Comparative Institutions	Commuter Student (Annual Cost)	Resident Student (Annual Cost)	Faculty & Staff (Annual Cost)	Visitors (Cost per Day)	Motorcycle / Moped (annual cost)
UConn	234-620	279-470	0-504	12	50
UVM	115	330	64-640**	8	-
University of Delaware	164-670	540	193-800	15	104
URI	190	265	0	0	-
UMASS Amherst	360	323	100-542**	8	151
CU Boulder	280-425	365-425	440-660	9	162
Towson	356	356	142-1016**	15	178
SUNY Albany	30	30	30	5.5	30
Dartmouth College	160	160	304-407***	0	5
U Maine Orono	50	50	50	0	30
UNH **	75	225-375	75	8	50
Average Cost	211	275	267	7	89
Average Cost excl '0'				9	

\*\* Visitor - 6 remote/10 core - used average  
\*\* MC/Moped - some are free for F/S permit holders



75.35