



City of Portsmouth, New Hampshire Water and Sewer Rate Study

Water and Sewer
Consumption Analysis
January 15, 2013

Municipal and Financial Services Group - Tighe&Bond

City of Portsmouth, New Hampshire -

Water Usage Analysis based on billable consumption - FY12

TOTAL USAGE BREAKDOWN BY ACCOUNTS

Community	Accounts	CONS	Ave		Average Gallons per Account Per Month	Max vs. Average (Month)	Max vs. Min (Month)
			Annual CONS per Account	CONs per Month			
Residential SF	5,932	386,897	65	5	4,070	1.4	1.8
Residential MF	738	194,707	264	22	16,459	1.1	1.2
Irrigation	231	16,073	70	12	8,706	1.8	1.8
Commercial	879	555,522	632	53	39,394	2.0	2.5
Industrial	80	371,706	4,646	387	289,621	1.2	1.4
Municipal	78	45,317	1,688	22	16,190	1.2	1.4
NC Water Dist	1	24,812	24,812	2,068	1,546,615	1.2	1.5
Rye Water Dist	1	37,259	37,259	3,105	2,322,478	3.7	23.4
TOTAL	7,940	1,632,293	206	17	12,816		

TOTAL USAGE COMPARISON (RATE STUDY VS. CITY FINANCE DATA)

Community	Rate Study	City Finance	Difference	% Difference
	CONS Analysis	Dept CONS		
Residential SF	386,897	0		
Residential MF	194,707	0		
Irrigation	16,073	0		
Residential (Summary)	597,677	620,372		
Commercial	555,522	574,295		
Industrial	371,706	338,876		
Municipal	45,317	40,172		
Other Districts	62,071	62,071		
TOTAL	1,632,293	1,635,787	-3,494	-0.2%

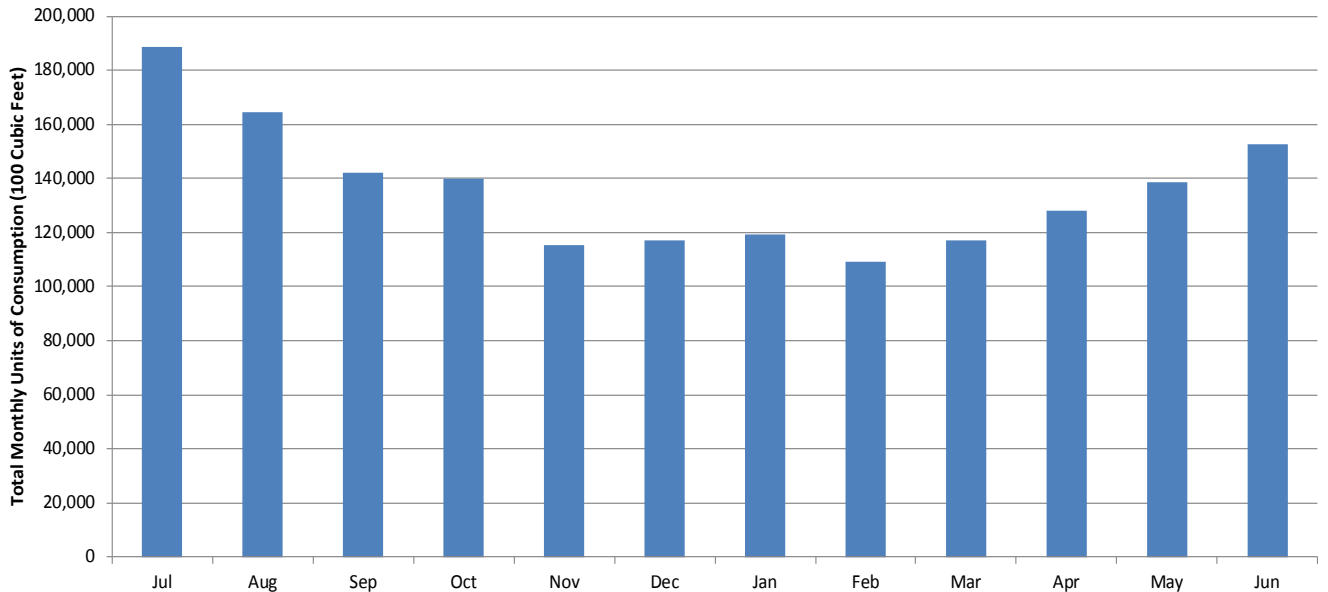


City of Portsmouth, New Hampshire -
Water Usage Analysis based on billable consumption - FY12

City of Portsmouth Annual Water Use - Billed Consumption FY12

	Residential Multi Family	Residential Single Family	Commercial	Industrial	Municipal	Single Family Irrigation	New Castle Water District	Rye Water District	Entire System
Jul	17,830	45,742	70,097	32,552	3,649	4,673	2,534	11,491	188,568
Aug	17,729	39,047	62,901	29,543	3,580	3,908	2,057	5,927	164,692
Sep	16,152	33,755	55,739	24,177	3,839	2,211	1,941	4,220	142,034
Oct	16,672	32,517	44,337	37,918	5,146	439	1,689	970	139,687
Nov	15,538	30,993	32,628	30,414	3,341	0	1,672	923	115,509
Dec	15,829	31,090	34,094	30,968	2,822	0	1,941	518	117,263
Jan	15,915	28,577	36,185	33,315	2,746	0	2,237	491	119,466
Feb	14,596	23,555	34,904	30,221	2,701	0	2,123	1,051	109,151
Mar	16,484	26,288	38,025	30,548	2,849	0	2,142	561	116,897
Apr	15,682	28,762	43,982	27,889	5,689	671	2,039	3,277	127,990
May	15,952	33,130	48,117	31,409	3,277	1,738	2,117	2,669	138,410
Jun	16,328	33,441	54,512	32,754	5,678	2,433	2,320	5,161	152,626
Total	194,707	386,897	555,522	371,706	45,317	16,073	24,812	37,259	1,632,293
Average	16,226	32,241	46,294	30,976	3,776	2,679	2,068	3,105	136,024
Baseline Ave	15,839	28,837	36,696	32,231	3,268		1,967	752	119,662
Max	17,830	45,742	70,097	37,918	5,689	4,673	2,534	11,491	188,568
Min	14,596	23,555	32,628	24,177	2,701		1,672	491	109,151
Max vs. Base	1.1	1.6	1.9	1.2	1.7		1.3	15.3	1.6
Max vs. Ave	1.1	1.4	1.5	1.2	1.5	1.7	1.2	3.7	1.4
Max vs. Min	1.2	1.9	2.1	1.6	2.1		1.5	23.4	1.7

Portsmouth Water System - Monthly Billing Consumption



City of Portsmouth, New Hampshire -

Water Usage Analysis based on billable consumption - FY12

Residential Single Family Home Accounts

Community	Accounts	CONS	Annual CONS per Account	Ave CONS per Account per Month	Average Gallons per Account Per Month
New Castle	197	17,047	87	7	5,396
Newington	255	26,060	102	9	6,374
Portsmouth	4,965	299,585	60	5	3,766
Rye	62	5,794	93	8	5,810
Madbury	1	94	103	9	6,392
Greenland	451	38,247	85	7	5,285
Durham,	1	70	70	6	4,363
TOTAL	5,932	386,897	65	5	4,070

Notes:

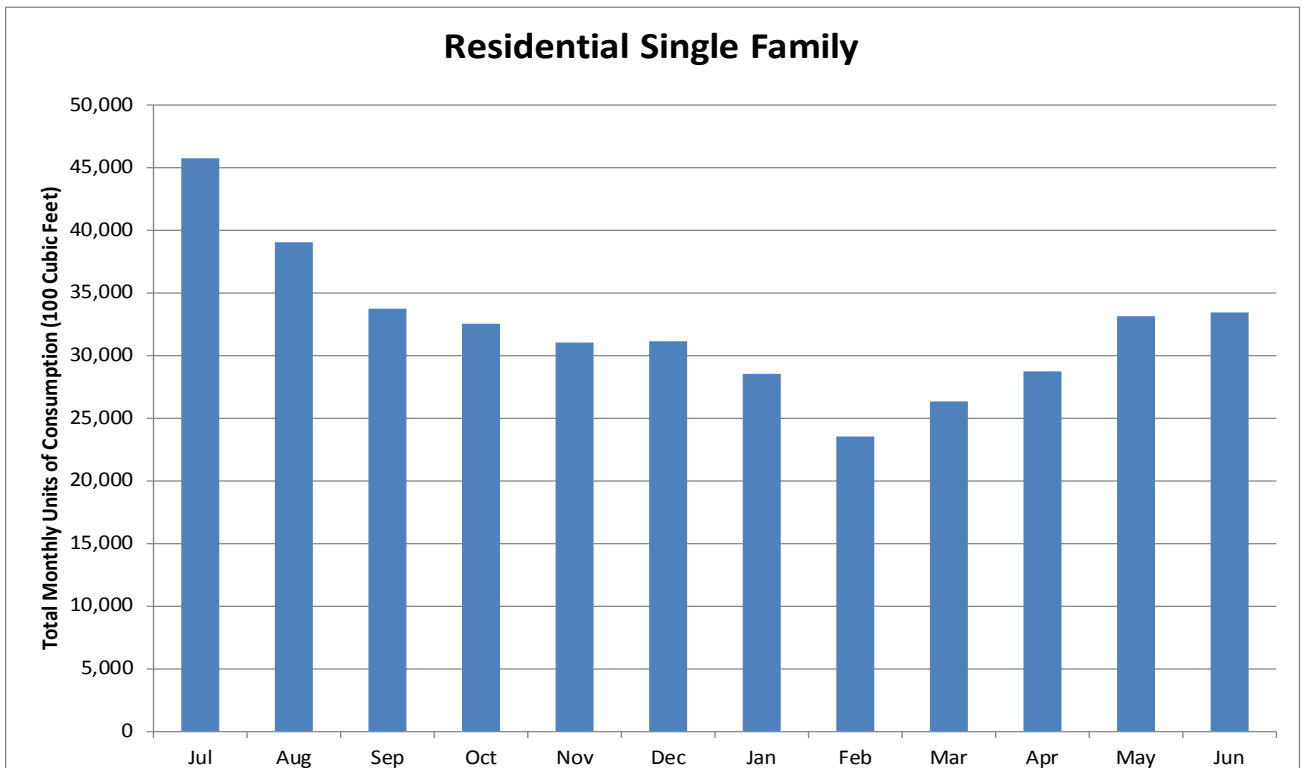
New Castle - Fort Constitution is listed as Residential Single Family.

FY12 billed use for Fort Constitution was 14,408

This account was removed from the residential data set

Residential Single Family Trend

	CONS	Gals	GPD
Jul	45,742	34,214,993	1,103,709
Aug	39,047	29,207,463	942,176
Sep	33,755	25,248,772	841,626
Oct	32,517	24,322,398	784,593
Nov	30,993	23,182,649	772,755
Dec	31,090	23,255,527	750,178
Jan	28,577	21,375,731	689,540
Feb	23,555	17,619,144	629,255
Mar	26,288	19,663,478	634,306
Apr	28,762	21,513,973	717,132
May	33,130	24,781,452	799,402
Jun	33,441	25,013,610	833,787
Total	386,897	289,399,190	
Average	32,241	24,116,599	791,538
Baseline Ave	28,837	21,569,821	707,207
Max	45,742	34,214,993	1,103,709
Min	23,555	17,619,144	629,255
Max vs. Base	1.6		
Max vs. Ave	1.4		
Max vs. Min	1.9		



City of Portsmouth, New Hampshire -

Water Usage Analysis based on billable consumption - FY12

Residential Multi Family Home Account Summary

Community	Accounts	CONS	Annual CONS per Account	Ave CONS per Account per Month	Average Gallons per Account Per Month
New Castle	1	321	321	27	20,009
Newington	1	79	79	7	4,924
Portsmouth	733	187,384	256	21	15,935
Rye	0	0	0	0	0
Madbury	1	6,676	6,676	556	416,137
Greenland	2	247	124	10	7,698
Durham,	0	0	0	0	0
TOTAL	738	194,707	264	22	16,445
DWELLING UNITS	4,377	194,707	44	4	2,773

Notes:

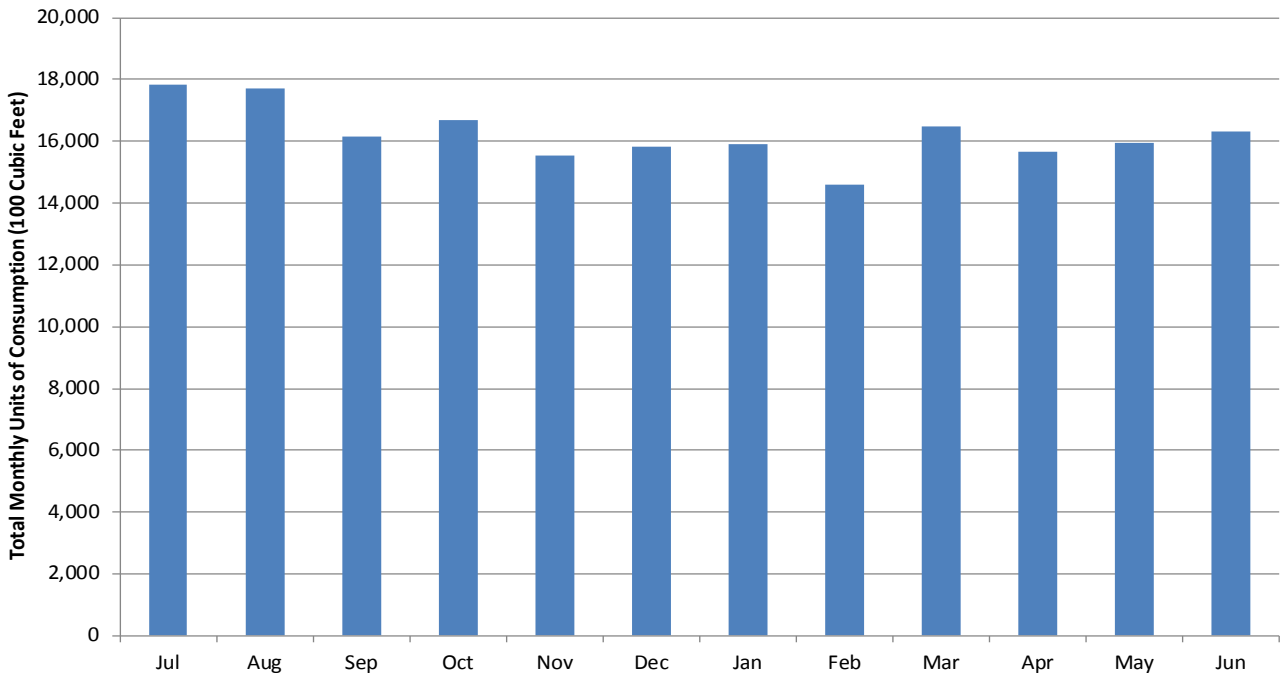
A mix of condos with individual owners, condos that are rentals and apartments with multiple units.

Total Dwelling Units based on assessors data is 4,377

Residential Multi Family Trend

	CONS	Gals	GPD
Jul	17,830	13,336,760	430,218
Aug	17,729	13,261,272	427,783
Sep	16,152	12,081,860	402,729
Oct	16,672	12,470,513	402,275
Nov	15,538	11,622,204	387,407
Dec	15,829	11,840,092	381,938
Jan	15,915	11,904,420	384,014
Feb	14,596	10,918,144	389,934
Mar	16,484	12,330,000	397,742
Apr	15,682	11,729,830	390,994
May	15,952	11,932,378	384,915
Jun	16,328	12,213,404	407,113
Total	194,707	145,640,877	
Average	16,226	12,136,740	398,922
Baseline Ave	15,839	11,847,562	388,445
Max	17,830	13,336,760	430,218
Min	14,596	10,918,144	381,938
Max vs. Base	1.1		
Max vs. Ave	1.1		
Max vs. Min	1.2		

Residential Multi Family



City of Portsmouth, New Hampshire -

Water Usage Analysis based on billable consumption - FY12

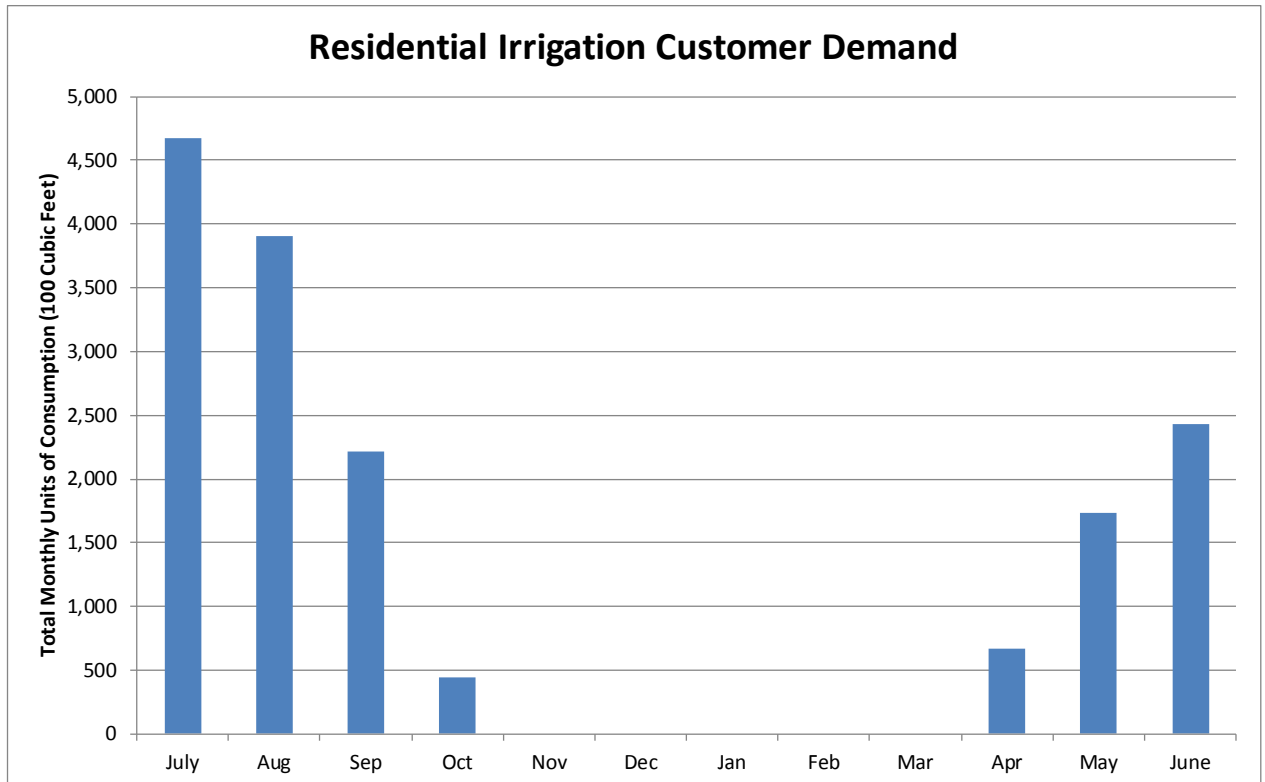
Residential Irrigation Account Summary

Community	Accounts	CONS	Annual CONS per Account	Ave CONS per Account per Month	Average Gallons per Account Per Month
New Castle	38	3,470	91	15	11,384
Newington	0	0	0	0	0
Portsmouth	193	12,603	65	11	8,141
Rye	0	0	0	0	0
Madbury	0	0	0	0	0
Greenland	0	0	0	0	0
Durham,	0	0	0	0	0
TOTAL	231	16,073	70	12	8,674

Monthly Irrigation Totals

Month	Total Month Cons	Total Month Gallons	Services	Gallons per Month per Service
July	4,673	3,495,404	231	15,132
Aug	3,908	2,923,184	231	12,654
Sep	2,211	1,653,828	231	7,159
Oct	439	328,372	231	1,422
Nov	0	0	231	0
Dec	0	0	231	0
Jan	0	0	231	0
Feb	0	0	231	0
Mar	0	0	231	0
Apr	671	501,908	231	2,173
May	1,738	1,300,024	231	5,628
June	2,433	1,819,884	231	7,878
Irrigation Months - Average				8,437
Peak Month Average				15,132
Peak vs. Average				1.8
Non Irrigation Months - Average				237

note: Gallons per month averages the total annual divided by the six months of summer irrigation



City of Portsmouth, New Hampshire -

Water Usage Analysis based on billable consumption - FY12

Commercial Account Summary

Community	Accounts	CONS	Annual CONS per Account	Average Ave CONS per Account per Month	Average Gallons per Account Per Month
New Castle	8	11,229	1,404	117	87,493
Newington	66	109,775	1,663	139	103,676
Portsmouth	767	416,207	543	45	33,825
Rye	7	1,302	186	16	11,594
Madbury	0	0	0	0	0
Greenland	30	16,929	564	47	35,175
Durham	1	80	80	7	4,987
TOTAL	879	555,522	632	53	39,394

Notes:

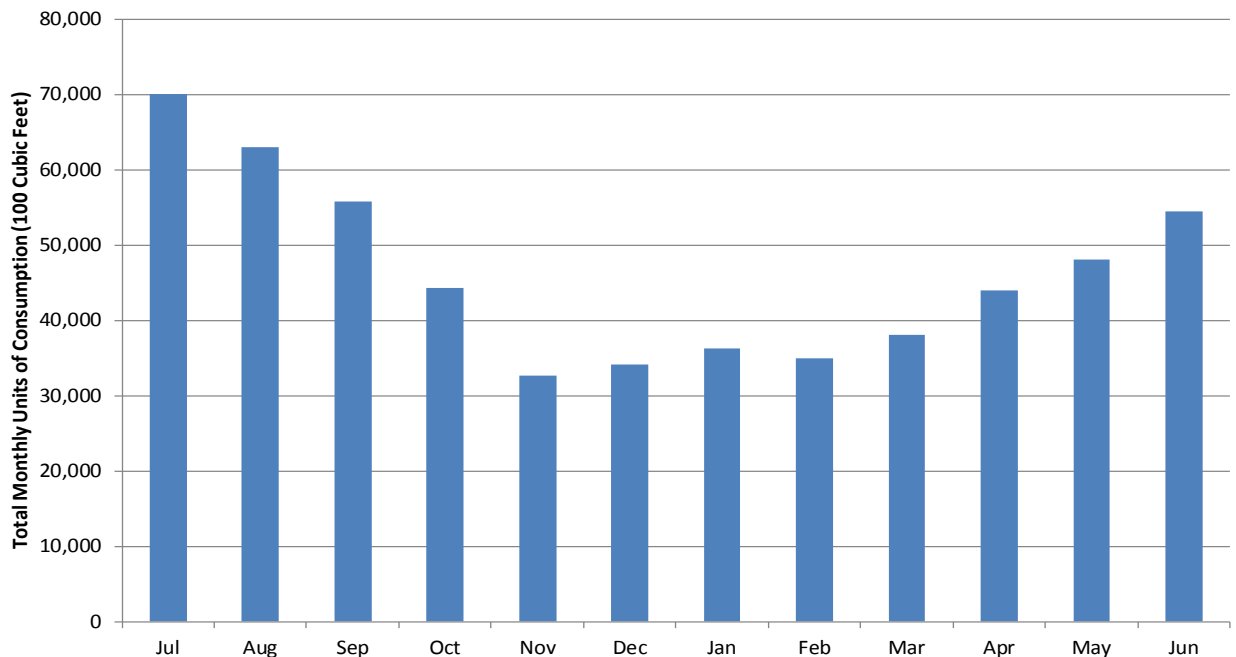
Lonza and HCA Use (Changed from Commercial to Industrial in 2011)

	CONS	
July	12,803	
August	9,812	
Sept	8,171	
	30,786	Deduct from Portsmouth
	416,207	New CONS use total for Portsmouth

Commercial Trend

	CONS	Gals	GPD
Jul	70,097	52,432,824	1,691,381
Aug	62,901	47,050,011	1,517,742
Sep	55,739	41,692,901	1,389,763
Oct	44,337	33,164,188	1,069,813
Nov	32,628	24,405,722	813,524
Dec	34,094	25,502,658	822,666
Jan	36,185	27,066,644	873,118
Feb	34,904	26,108,120	932,433
Mar	38,025	28,442,625	917,504
Apr	43,982	32,898,466	1,096,616
May	48,117	35,991,649	1,161,021
Jun	54,512	40,774,647	1,359,155
Total	555,522	415,530,456	
Average	46,294	34,627,538	1,137,061
Baseline Ave	36,696	27,448,326	899,945
Max	70,097	52,432,824	1,691,381
Min	32,628	24,405,722	813,524
Max vs. Base	1.9		
Max vs. Ave	1.5		
Max vs. Min	2.1		

Commercial



City of Portsmouth, New Hampshire - Water Usage Analysis based on billable consumption - FY12

Industrial Account Summary

Community	Accounts	CONS	Annual CONS per Account	Ave CONS per Account per Month	Average Gallons per Account Per Month
New Castle	0	0	0	0	0
Newington	16	74,109	4,632	386	288,716
Portsmouth	62	296,822	4,787	399	298,418
Rye	0	0	0	0	0
Madbury	0	0	0	0	0
Greenland	2	775	388	32	24,154
Durham	0	0	0	0	0
TOTAL	80	371,706	4,646	387	289,621

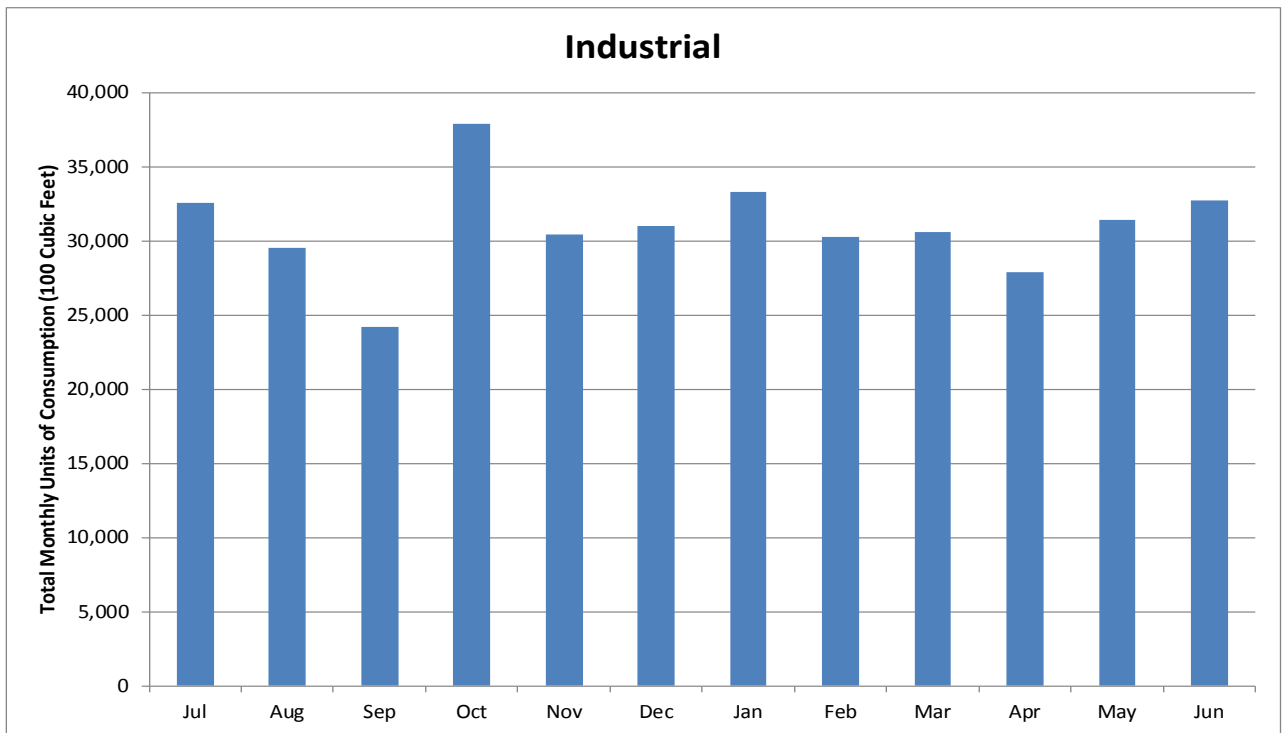
Notes:

Lonza and HCA Use (Changed from Commercial to Industrial in 2011)

	CONS	
July	12,803	
August	9,812	
Sept	8,171	
	30,786	Add to Portsmouth
	327,608	New CONS use total for Portsmouth

Industrial Trend

	CONS	Gals	GPD
Jul	32,552	24,348,606	785,439
Aug	29,543	22,097,904	712,836
Sep	24,177	18,084,273	602,809
Oct	37,918	28,362,436	914,917
Nov	30,414	22,749,807	758,327
Dec	30,968	23,164,037	747,227
Jan	33,315	24,919,476	803,854
Feb	30,221	22,605,013	807,322
Mar	30,548	22,849,819	737,091
Apr	27,889	20,860,769	695,359
May	31,409	23,493,928	757,869
Jun	32,754	24,500,022	816,667
Total	371,706	278,036,088	
Average	30,976	23,169,674	761,643
Baseline Ave	32,231	24,108,431	790,440
Max	37,918	28,362,436	914,917
Min	24,177	18,084,273	602,809
Max vs. Base	1.2		
Max vs. Ave	1.2		
Max vs. Min	1.6		



City of Portsmouth, New Hampshire -

Water Usage Analysis based on billable consumption - FY12

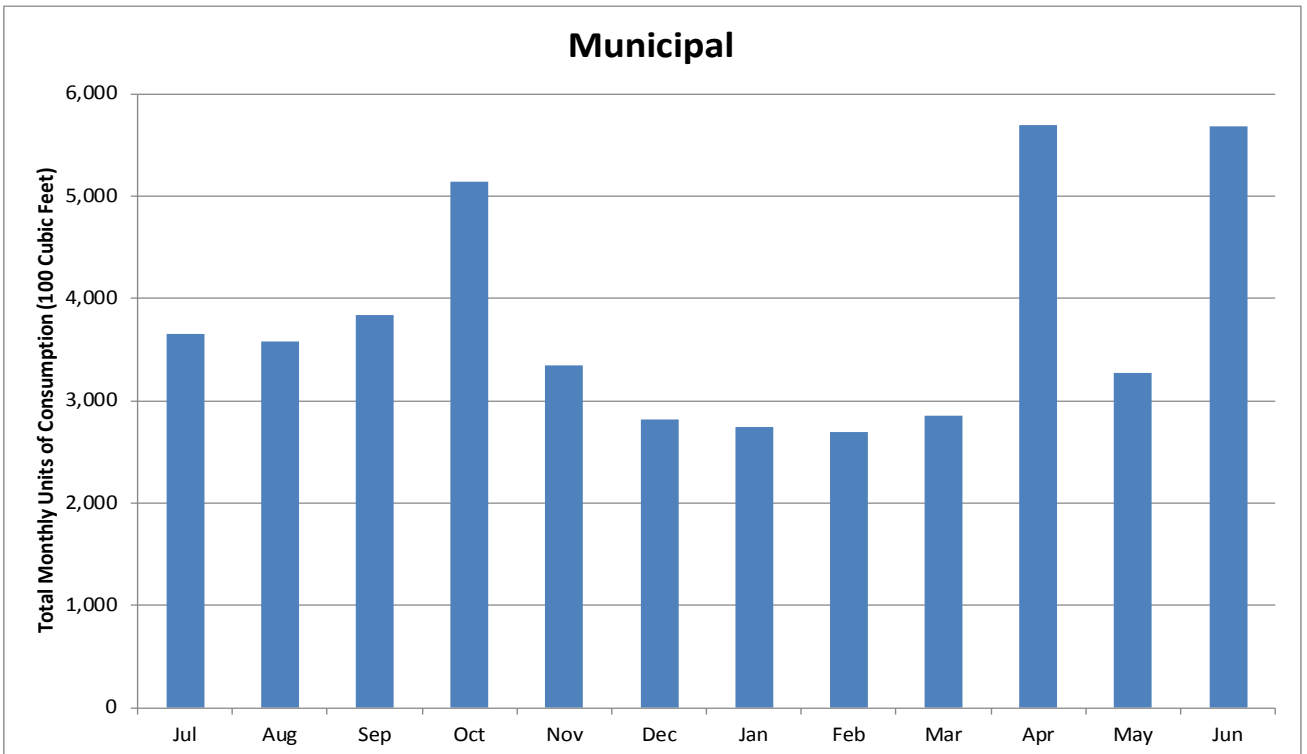
Municipal Account Summary

Community	Accounts	Annual CONS	Annual CONS per Account	Ave CONS per Account per Month	Average Gallons per Account Per Month
New Castle	3	474	158	13	9,849
Newington	3	187	62	5	3,885
Portsmouth	67	41,759	888	74	55,383
Rye	0	0	0	0	0
Madbury	0	0	0	0	0
Greenland	5	2,897	579	48	36,116
Durham	0	0	0	0	0
TOTAL	78	45,317	1,688	22	16,190

Notes:

Municipal Trend

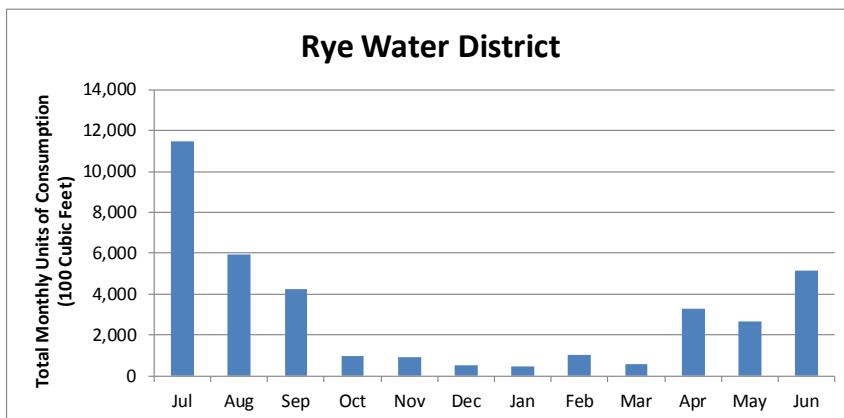
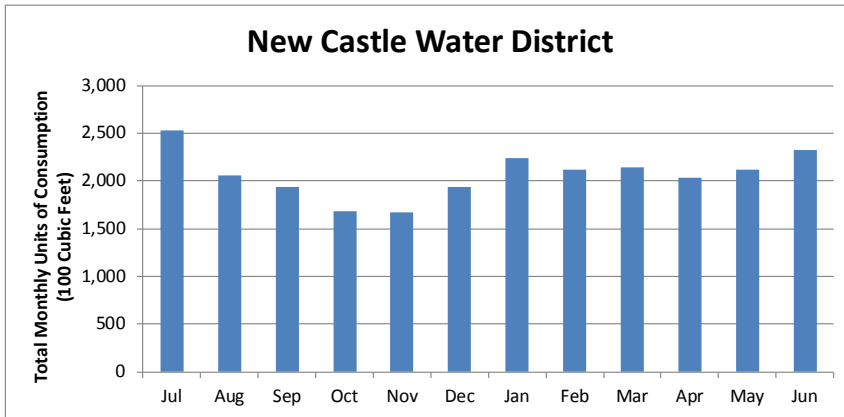
	CONS	Gals	GPD
Jul	3,649	2,729,452	88,047
Aug	3,580	2,677,840	86,382
Sep	3,839	2,871,572	95,719
Oct	5,146	3,849,208	124,168
Nov	3,341	2,499,068	83,302
Dec	2,822	2,110,856	68,092
Jan	2,746	2,054,008	66,258
Feb	2,701	2,020,348	72,155
Mar	2,849	2,131,052	68,744
Apr	5,689	4,255,372	141,846
May	3,277	2,451,196	79,071
Jun	5,678	4,247,144	141,571
Total	45,317	33,897,116	
Average	3,776	2,824,760	92,946
Baseline Ave	3,268	2,444,090	80,134
Max	5,689	4,255,372	141,846
Min	2,701	2,020,348	66,258
Max vs. Base	1.7		
Max vs. Ave	1.5		
Max vs. Min	2.1		



City of Portsmouth, New Hampshire -
Water Usage Analysis based on billable consumption - FY12

New Castle Water District		
	CONS	Gals
Jul	2,534	1,895,432
Aug	2,057	1,538,636
Sep	1,941	1,451,868
Oct	1,689	1,263,372
Nov	1,672	1,250,656
Dec	1,941	1,451,868
Jan	2,237	1,673,276
Feb	2,123	1,588,004
Mar	2,142	1,602,216
Apr	2,039	1,525,172
May	2,117	1,583,516
Jun	2,320	1,735,360
Total	24,812	18,559,376
Average	2,068	1,546,615
Baseline Ave	1,967	
Max	2,534	1,895,432
Min	1,672	1,250,656
Max vs. Base	1.3	
Max vs. Ave	1.2	
Max vs. Min	1.5	

Rye Water District		
	CONS	Gals
Jul	11,491	8,595,268
Aug	5,927	4,433,396
Sep	4,220	3,156,560
Oct	970	725,560
Nov	923	690,404
Dec	518	387,464
Jan	491	367,268
Feb	1,051	786,148
Mar	561	419,628
Apr	3,277	2,451,196
May	2,669	1,996,412
Jun	5,161	3,860,428
Total	37,259	27,869,732
Average	3,105	2,322,478
Baseline Ave	752	
Max	11,491	8,595,268
Min	491	367,268
Max vs. Base	15.3	
Max vs. Ave	3.7	
Max vs. Min	23.4	



City of Portsmouth, New Hampshire - Sewer Usage Analysis based on billable consumption - FY12

TOTAL USAGE BREAKDOWN BY ACCOUNTS

Community	Accounts	CONS	Annual CONS per Account	Ave CONS per Account per Month	Average Gallons per Account Per Month	Max Month vs. Baseline
Residential SF	4,723	272,501	58	5	3,596	1.3
Residential MF	733	195,029	266	22	16,585	1.1
Residential Summary		467,530				
Commercial	828	423,548	512	43	31,885	1.9
Industrial	63	224,562	3,564	297	222,186	1.2
Municipal	41	14,805	361	30	22,508	1.6
Other Dist	1	41,674	41,674	3,473	2,597,679	1.2
TOTAL	6,389	1,172,119	183	15	11,436	

TOTAL USAGE COMPARISON (RATE STUDY VS. CITY FINANCE DATA)

Community	Accounts	City Finance Dept CONS	Difference	% Difference
Residential SF		0		
Residential MF		0		
Residential Summary	5,456	477,629	-10,099	-2.1%
Commercial	828	417,444	6,104	1.5%
Industrial	63	220,025	4,537	2.1%
Municipal	41	16,651	-1,846	-11.1%
Other Dist	1	41,674	0	0.0%
TOTAL	6,389	1,173,423	-1,304	-0.1%

NOTES

- Summary data from City Finance is developed based on total billed revenue that is utilized to calculate CONS. Therefore, this accounts for some of the summary data being different from the metered data for individual categories.
- Total CONS to switch from Commercial to Industrial because accounts were moved in 2011 per Finance Department

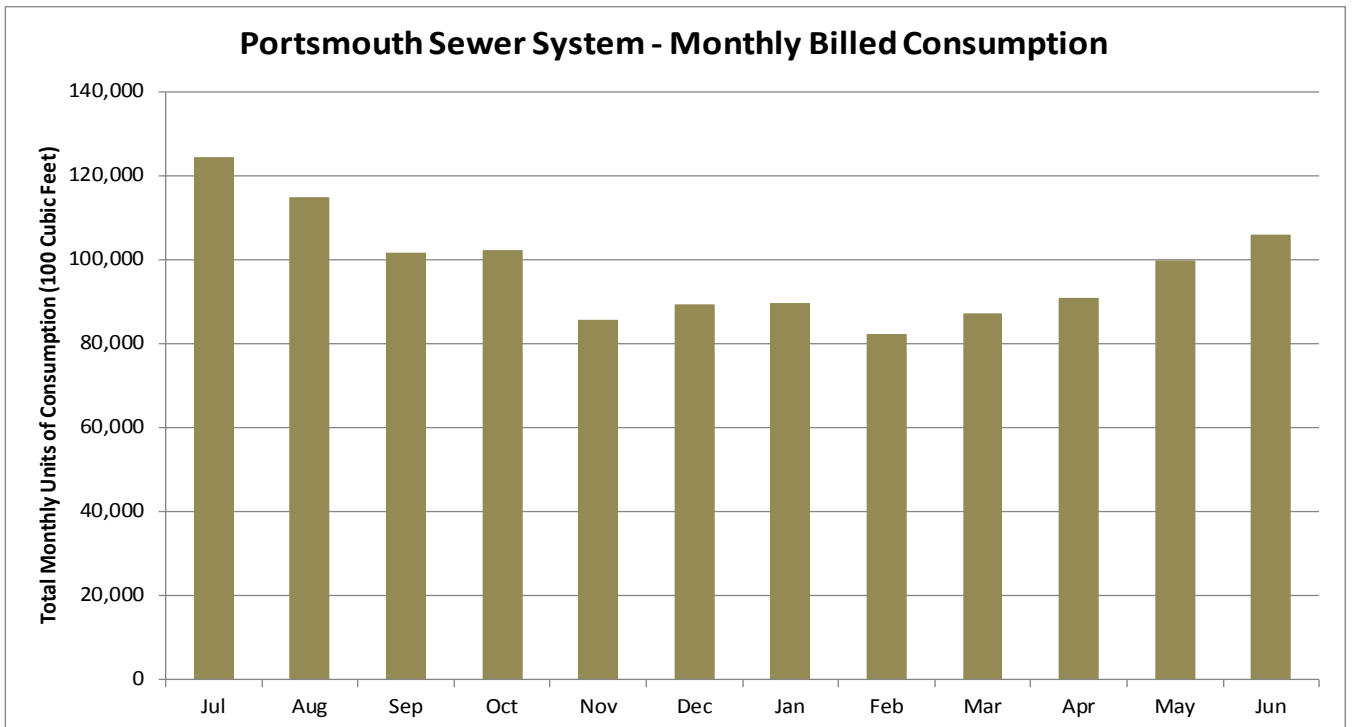
Lonza and HCA Adjustment	30,786
Commercial after adjustment	392,762 Lonza and HCA
Industrial after adjustment	255,348 Lonza and HCA
July Adjustment	12,803
August Adjustment	9,812
Sept Adjustment	8,171
- Rye Sewer Commission is Residential Rate and added to Residential CONS total
- Spinner Way Adult Rec Fieldhouse use 649 Units and is billed in residential, not municipal
- Plains Ballfield Irrigation removed from April CONS for Commercial (2483)



City of Portsmouth, New Hampshire -
Water Usage Analysis based on billable consumption - FY12

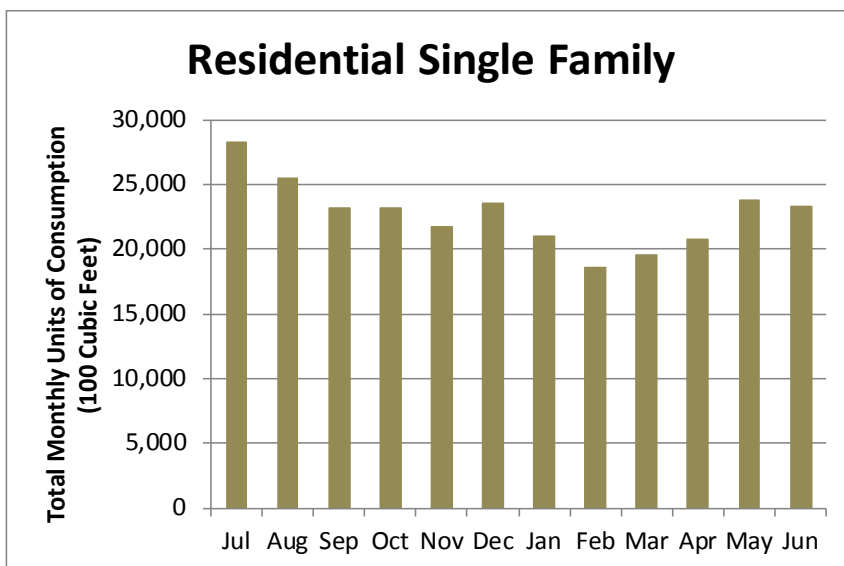
City of Portsmouth Annual Sewer - Billed Consumption FY12

	Residential Single Family	Residential Multi Family	Commercial	Industrial	Municipal	New Castle Sewer District	Entire System
Jul	28,252	17,856	53,443	19,666	1,381	3,646	124,244
Aug	25,505	17,756	47,957	17,848	1,163	4,394	114,622
Sep	23,128	16,179	42,497	14,606	1,328	3,863	101,602
Oct	23,231	16,698	33,805	22,908	1,060	4,502	102,203
Nov	21,748	15,564	24,878	18,374	981	3,866	85,411
Dec	23,518	15,856	25,995	18,709	1,085	4,049	89,212
Jan	21,055	15,943	27,589	20,127	1,048	3,844	89,606
Feb	18,567	14,623	26,612	18,257	1,095	3,074	82,228
Mar	19,589	16,512	28,991	18,455	1,112	2,219	86,878
Apr	20,806	15,708	33,534	16,849	1,448	2,390	90,735
May	23,842	15,979	36,686	18,975	1,370	2,788	99,641
Jun	23,260	16,355	41,561	19,788	1,734	3,038	105,736
Total	272,501	195,029	423,548	224,562	14,805	41,674	1,172,119
Average	22,708	16,252	35,296	18,714	1,234	3,473	97,677
Baseline Ave	21,285	15,866	27,978	19,472	1,064	3,592	89,257
Max	28,252	17,856	53,443	22,908	1,734	4,502	124,244
Min	18,567	14,623	24,878	14,606	981	2,219	82,228
Max vs. Base	1.3	1.1	1.9	1.2	1.6	1.3	1.4
Max vs. Ave	1.2	1.1	1.5	1.2	1.4	1.3	1.3
Max vs. Min	1.5	1.2	2.1	1.6	1.8	2.0	1.5



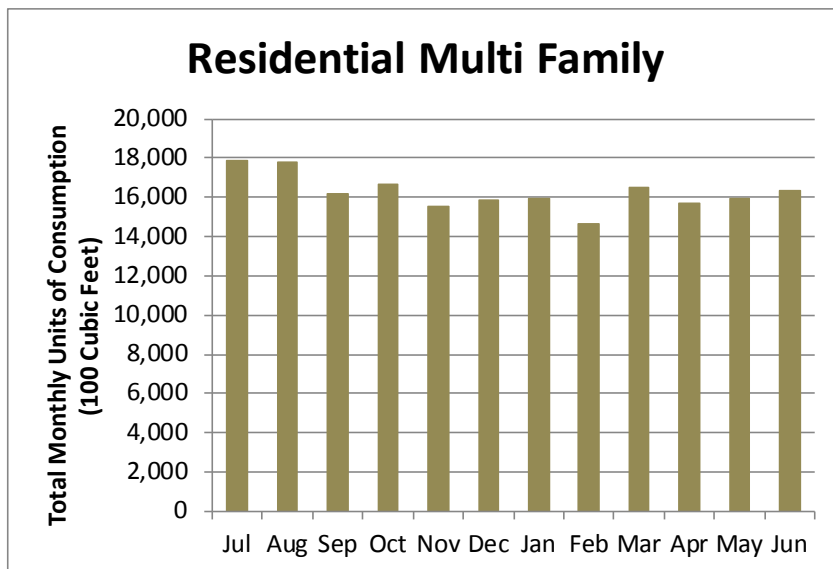
City of Portsmouth, New Hampshire - Sewer Usage Analysis based on billable consumption - FY12

Residential Single Family Trend			
	CONS	Gals	GPD
Jul	28,252	21,132,496	681,693
Aug	25,505	19,077,740	615,411
Sep	23,128	17,299,744	576,658
Oct	23,231	17,376,788	560,542
Nov	21,748	16,267,504	542,250
Dec	23,518	17,591,464	567,467
Jan	21,055	15,749,140	508,037
Feb	18,567	13,888,116	478,901
Mar	19,589	14,652,572	472,664
Apr	20,806	15,562,888	518,763
May	23,842	17,833,816	575,284
Jun	23,260	17,398,480	579,949
Total	272,501	203,830,748	
Average	22,708	16,985,896	556,468
Baseline Ave	21,285	15,920,931	521,998
Max	28,252	21,132,496	681,693
Min	18,567	13,888,116	478,901
Max vs. Base	1.3		
Max vs. Ave	1.2		
Max vs. Min	1.5		



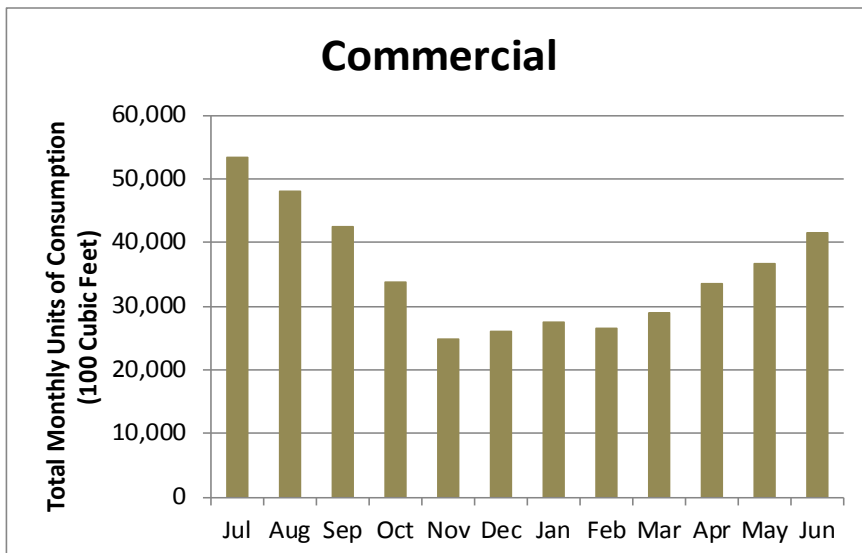
City of Portsmouth, New Hampshire - Sewer Usage Analysis based on billable consumption - FY12

Residential Multi Family Trend			
	CONS	Gals	GPD
Jul	17,856	13,356,288	430,848
Aug	17,756	13,281,488	428,435
Sep	16,179	12,101,892	403,396
Oct	16,698	12,490,104	402,907
Nov	15,564	11,641,872	388,062
Dec	15,856	11,860,288	382,590
Jan	15,943	11,925,364	384,689
Feb	14,623	10,938,004	377,173
Mar	16,512	12,350,976	398,419
Apr	15,708	11,749,584	391,653
May	15,979	11,952,292	385,558
Jun	16,355	12,233,540	407,785
Total	195,029	145,881,692	
Average	16,252	12,156,808	398,459
Baseline Ave	15,866	11,867,768	389,107
Max	17,856	13,356,288	430,848
Min	14,623	10,938,004	382,590
Max vs. Base	1.1		
Max vs. Ave	1.1		
Max vs. Min	1.2		



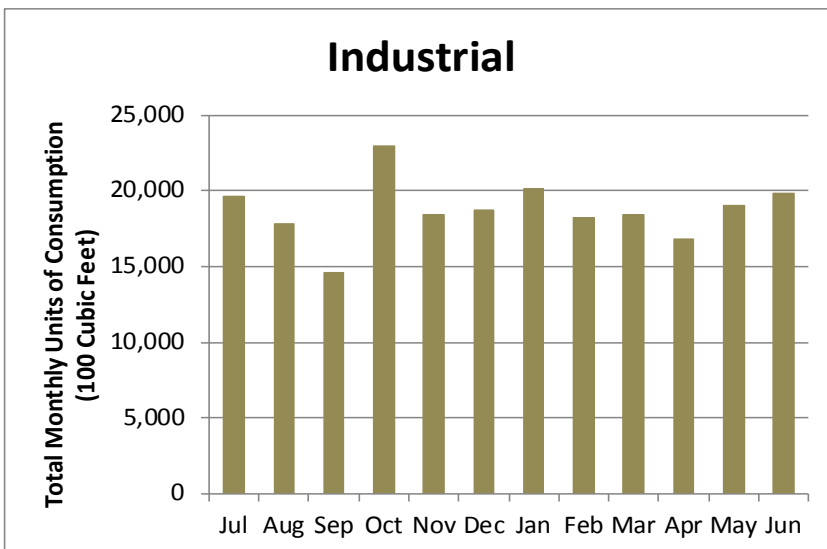
City of Portsmouth, New Hampshire - Sewer Usage Analysis based on billable consumption - FY12

Commercial Trend			
	CONS	Gals	GPD
Jul	53,443	39,975,364	1,289,528
Aug	47,957	35,871,836	1,157,156
Sep	42,497	31,787,756	1,059,592
Oct	33,805	25,286,140	815,682
Nov	24,878	18,608,744	620,291
Dec	25,995	19,444,260	627,234
Jan	27,589	20,636,572	665,696
Feb	26,612	19,905,776	710,921
Mar	28,991	21,685,268	699,525
Apr	33,534	25,083,432	836,114
May	36,686	27,441,128	885,198
Jun	41,561	31,087,628	1,036,254
Total	423,548	316,813,904	
Average	35,296	26,401,159	866,933
Baseline Ave	27,978	20,927,793	686,157
Max	53,443	39,975,364	1,289,528
Min	24,878	18,608,744	620,291
Max vs. Base	1.9		
Max vs. Ave	1.5		
Max vs. Min	2.1		



City of Portsmouth, New Hampshire - Sewer Usage Analysis based on billable consumption - FY12

Industrial Trend			
	CONS	Gals	GPD
Jul	19,666	14,709,943	474,514
Aug	17,848	13,350,205	430,652
Sep	14,606	10,925,414	364,180
Oct	22,908	17,134,854	552,737
Nov	18,374	13,744,046	458,135
Dec	18,709	13,994,298	451,429
Jan	20,127	15,054,827	485,640
Feb	18,257	13,656,570	487,735
Mar	18,455	13,804,467	445,305
Apr	16,849	12,602,804	420,093
May	18,975	14,193,598	457,858
Jun	19,788	14,801,419	493,381
Total	224,562	167,972,444	
Average	18,714	13,997,704	460,138
Baseline Ave	19,472	14,564,844	477,536
Max	22,908	17,134,854	552,737
Min	14,606	10,925,414	364,180
Max vs. Base	1.2		
Max vs. Ave	1.2		
Max vs. Min	1.6		

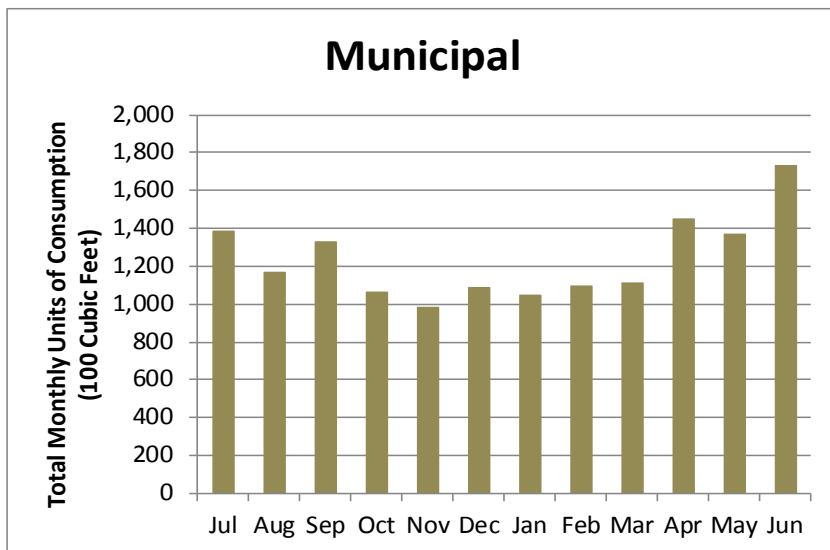


City of Portsmouth, New Hampshire - Sewer Usage Analysis based on billable consumption - FY12

Municipal Trend			
	CONS	Gals	GPD
Jul	1,381	1,032,988	33,322
Aug	1,163	869,924	28,062
Sep	1,328	993,344	33,111
Oct	1,060	792,880	25,577
Nov	981	733,788	24,460
Dec	1,085	811,580	26,180
Jan	1,048	783,904	25,287
Feb	1,095	819,060	29,252
Mar	1,112	831,776	26,831
Apr	1,448	1,083,104	36,103
May	1,370	1,024,760	33,057
Jun	1,734	1,297,032	43,234
Total	14,805	11,074,140	
Average	1,234	922,845	30,257
Baseline Ave	1,064	795,498	26,082
Max	1,734	1,297,032	43,234
Min	981	733,788	24,460
Max vs. Base	1.6		
Max vs. Ave	1.4		
Max vs. Min	1.8		

Plains Ballfield Irrigation removed from this table for April CONS

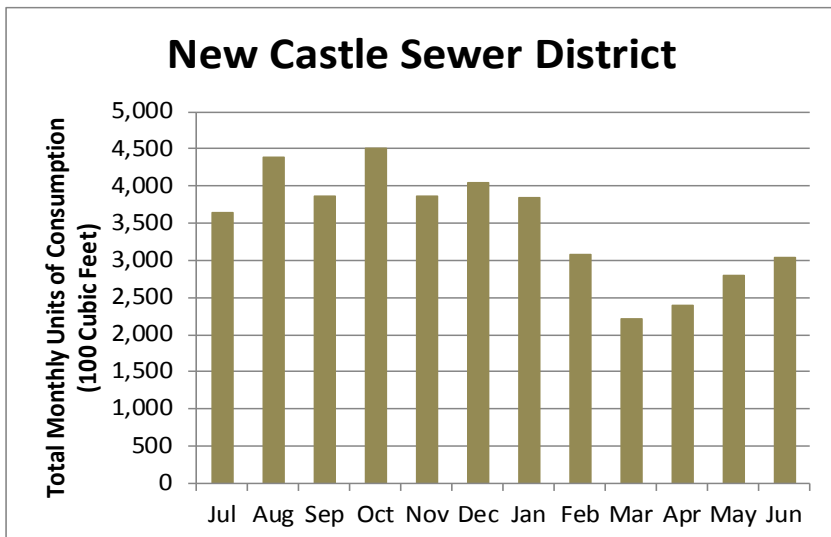
CONS for this site was 2483 in April



City of Portsmouth, New Hampshire -

Sewer Usage Analysis based on billable consumption - FY12

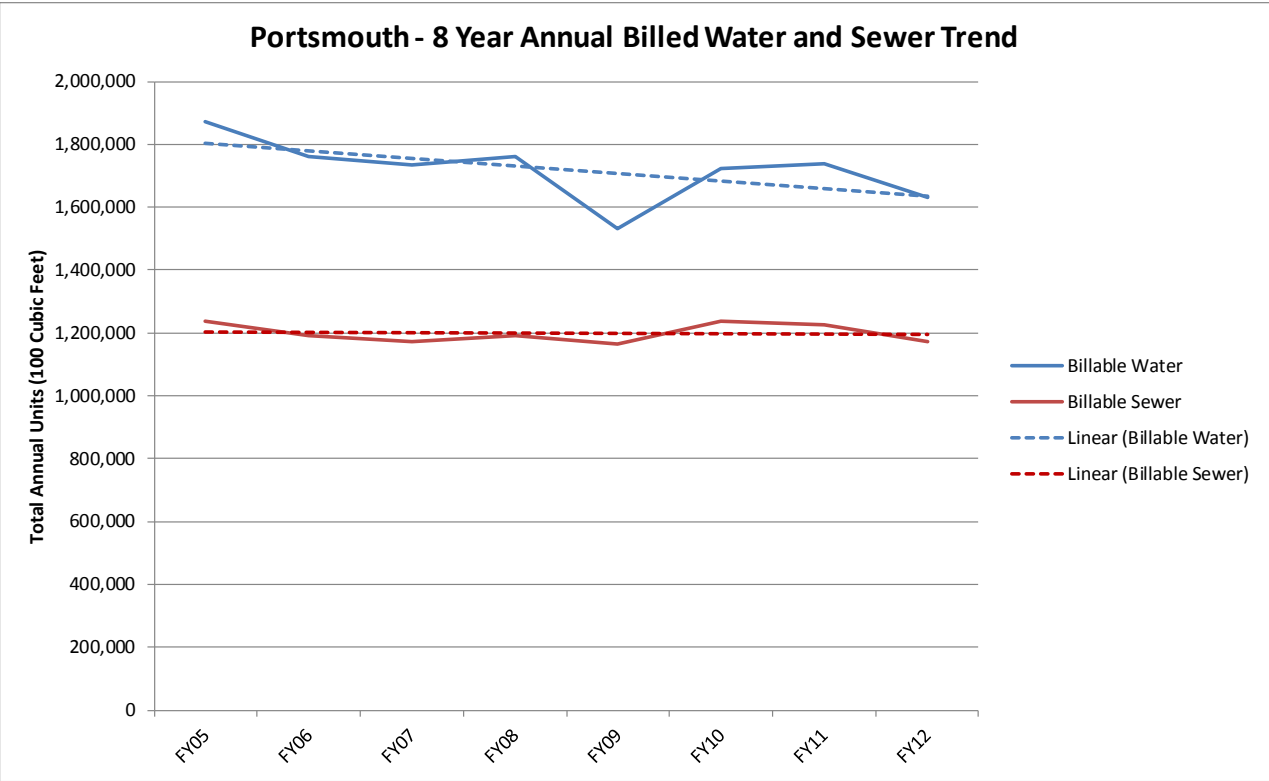
New Castle Sewer District			
	CONS	Gals	GPD
Jul	3,646	2,727,212	87,975
Aug	4,394	3,286,396	106,013
Sep	3,863	2,889,797	96,327
Oct	4,502	3,367,348	108,624
Nov	3,866	2,891,838	96,395
Dec	4,049	3,028,572	97,696
Jan	3,844	2,875,511	92,758
Feb	3,074	2,299,320	82,119
Mar	2,219	1,659,864	53,544
Apr	2,390	1,787,756	59,592
May	2,788	2,085,715	67,281
Jun	3,038	2,272,790	75,760
Total	41,674	31,172,118	
Average	3,473	2,597,677	85,170
Baseline Ave	3,592	2,687,076	88,101
Max	4,502	3,367,348	108,624
Min	2,219	1,659,864	53,544
Max vs. Base	1.3		
Max vs. Ave	1.3		
Max vs. Min	2.0		



City of Portsmouth, New Hampshire -
Water Usage Analysis based on billable consumption - FY12

Portsmouth Billable Water and Sewer History
8 Year Trend

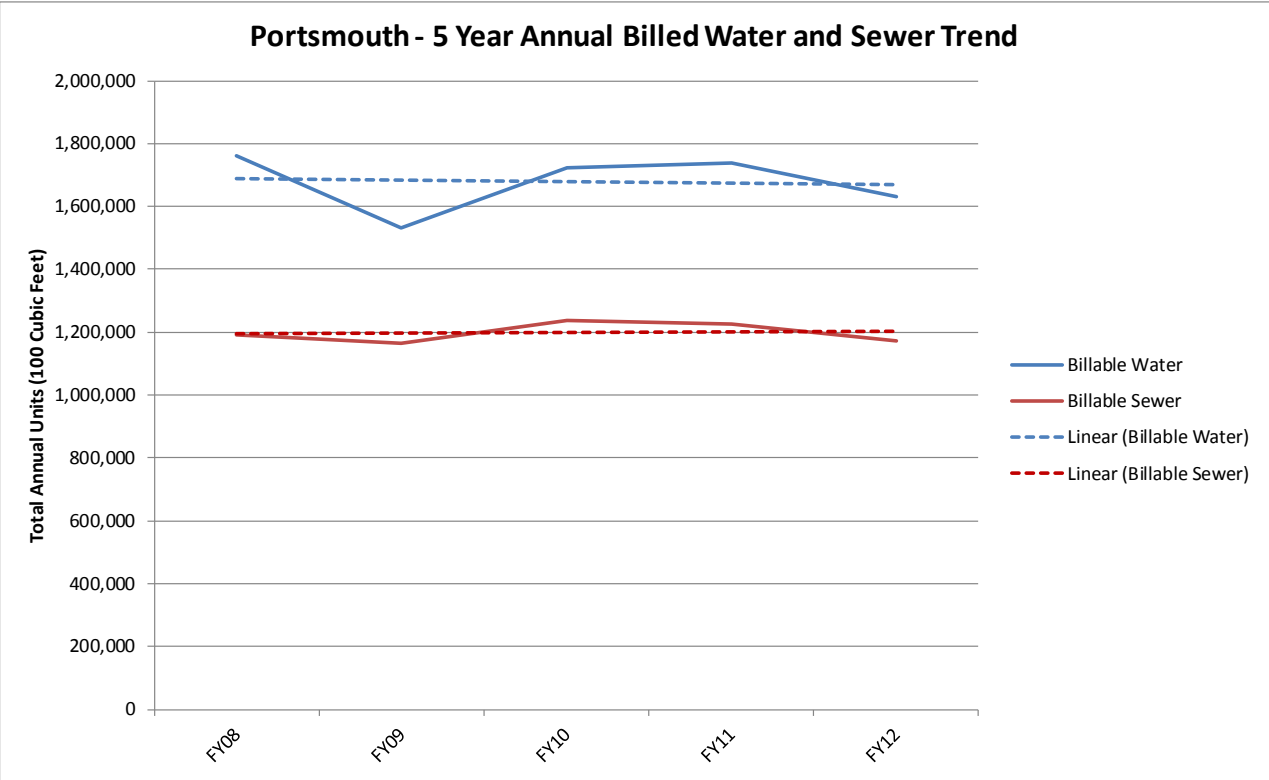
	Water	Sewer
FY05	1,873,447	1,237,182
FY06	1,760,466	1,190,312
FY07	1,733,405	1,172,364
FY08	1,761,976	1,190,312
FY09	1,530,872	1,165,799
FY10	1,724,237	1,238,243
FY11	1,739,351	1,225,509
FY12	1,632,510	1,173,423



City of Portsmouth, New Hampshire - Water Usage Analysis based on billable consumption - FY12

**Portsmouth Billable Water and Sewer History
5 Year Trend**

	Water	Sewer
FY08	1,761,976	1,190,312
FY09	1,530,872	1,165,799
FY10	1,724,237	1,238,243
FY11	1,739,351	1,225,509
FY12	1,632,510	1,173,423



City of Portsmouth, New Hampshire - Water Usage Analysis based on billable consumption - FY12

TOTAL USAGE BREAKDOWN BY TOWN

Community	Accounts	CONS	Ave CONS Month	% of overall CONS	Annual Gallons of CONS	Average Gallons per Day
New Castle	248	57,353	4,779	3.5%	42,900,044	117,213
Newington	341	210,210	17,518	12.9%	157,237,080	429,610
Portsmouth	6,787	1,254,360	104,548	76.8%	938,423,596	2,563,999
Rye	70	44,355	3,696	2.7%	33,177,540	90,649
Madbury	2	6,770	564	0.4%	5,063,960	13,836
Greenland	490	59,095	4,925	3.6%	44,203,060	120,773
Durham	2	150	13	0.0%	112,200	307
TOTAL	7,940	1,632,293	136,043		1,221,117,480	3,336,387

