

2015 Reported Water Use South Carolina

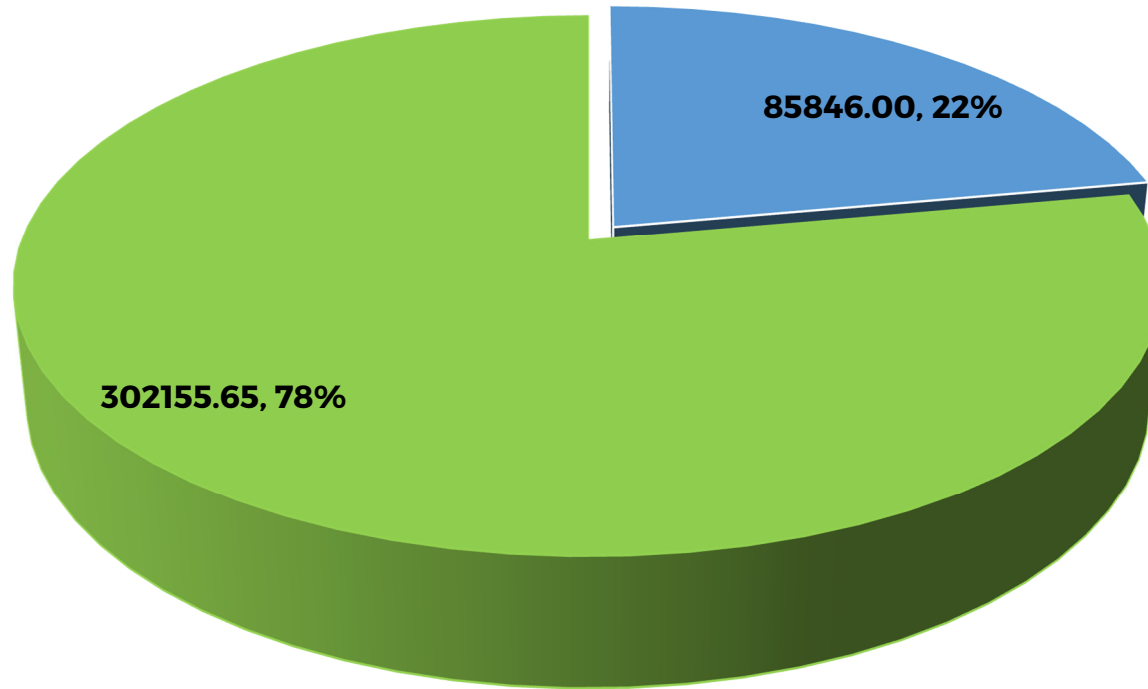
Water Quantity Permitting Section
Division of Water Monitoring, Assessment &
Protection
Bureau of Water

Published November 3, 2016

Revised May 31, 2017



**Reported Groundwater Use Versus Surface Water Use, 2015
(Million Gallons Per Year)***



■ Groundwater ■ Surface Water

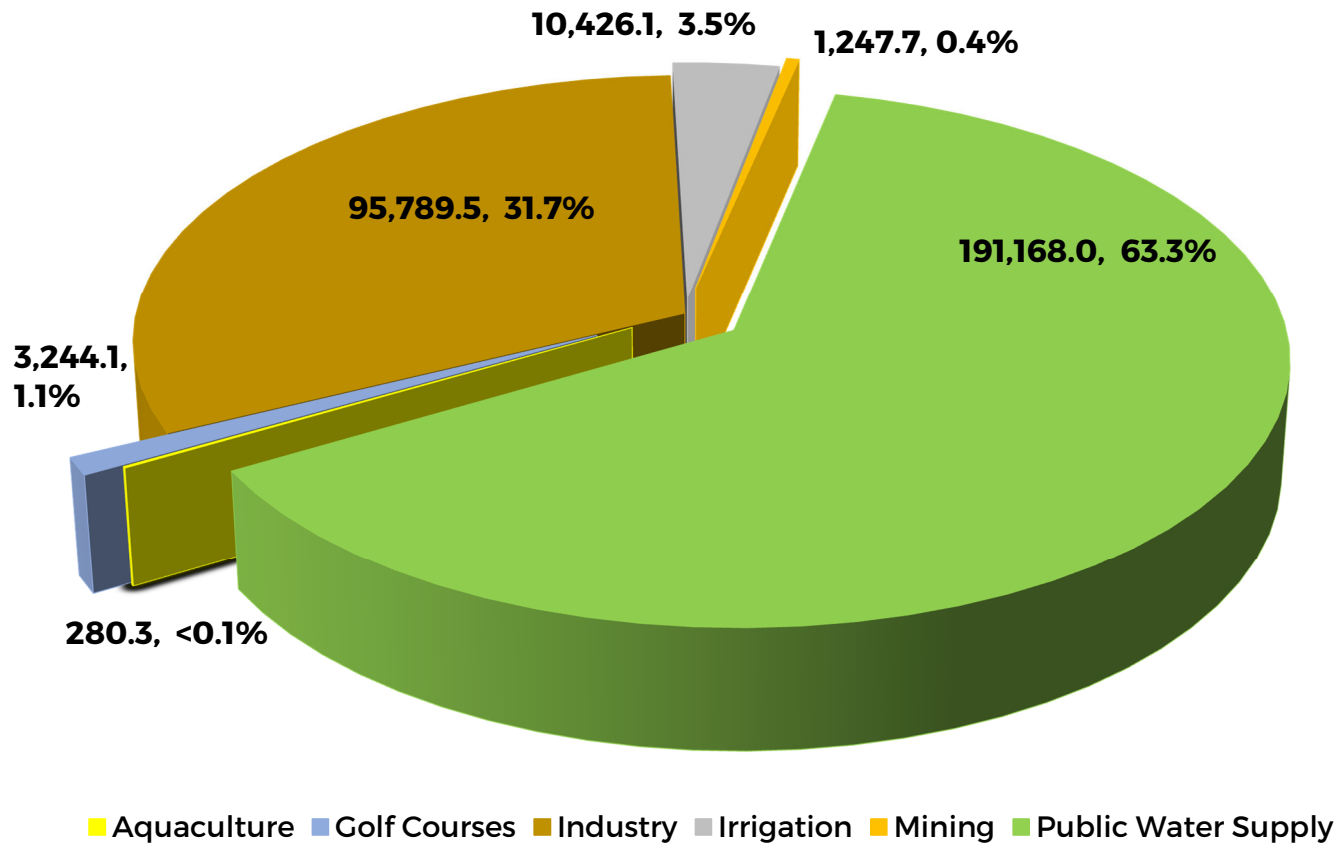
**Not including power use*

<i>Reported Use By Category For Surface and Groundwater, 2015</i>	
Category of Use	Use (Million Gallons Per Year)
Aquaculture	440.95
Golf Course	5616.78
Industry	104640.78
Irrigation	42085.65
Mining	4849.24
Other	56.07
Power Hydro	16866072.95
Power Nuclear	1457592.36
Power Thermal	255745.012
Public Water Supply	230312.19

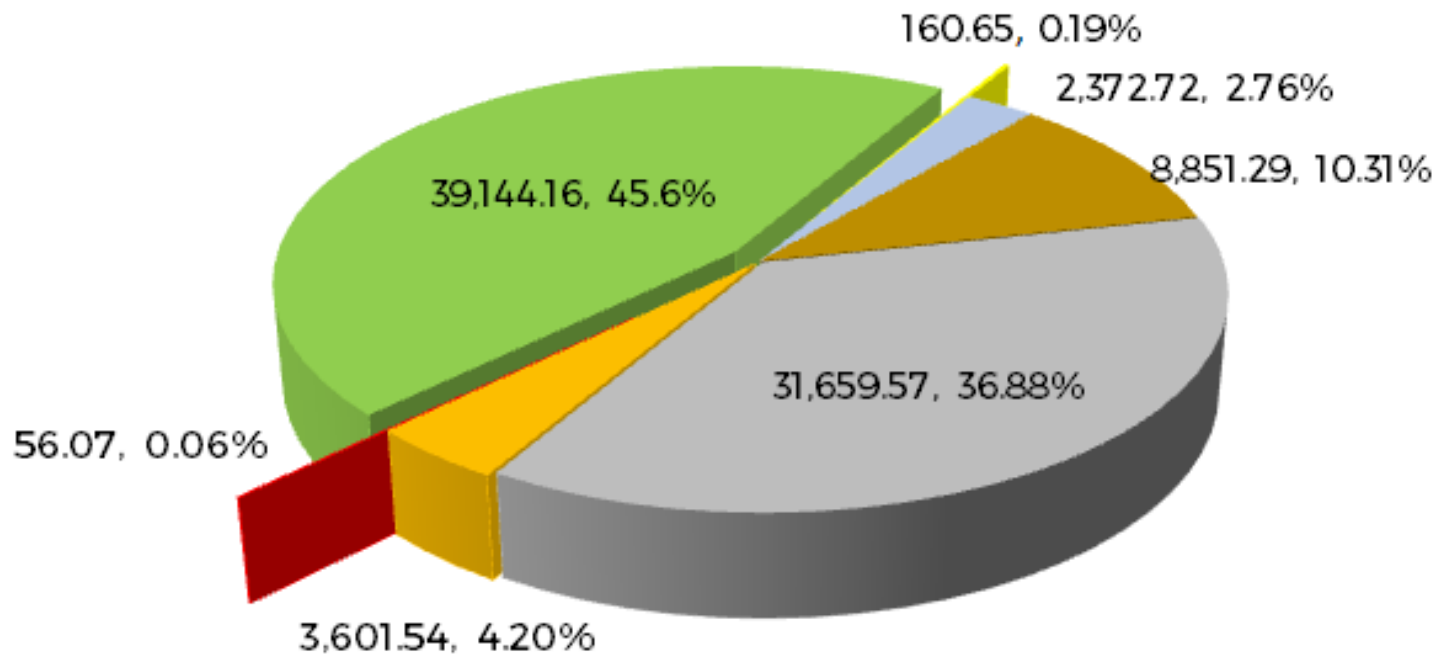
<i>Number of Facilities Reporting Groundwater Use, 2015</i>		
Groundwater Use Category	Number of Facilities	Number of Wells
Aquaculture	4	7
Golf Courses	104	246
Industry	64	250
Irrigation	277	937
Mining	6	12
Other	4	25
Power Nuclear	1	10
Power Thermal	6	11
Public Water Supply	179	795
Totals	645	2293

<i>Number of Facilities Reporting Surface Water Use, 2015</i>		
Surface Water Use Category	Number of Facilities	Number of Intakes
Aquaculture	2	3
Golf Courses	81	97
Industry	35	42
Irrigation	95	194
Mining	9	11
Power Hydro	34	38
Power Nuclear	4	9
Power Thermal	12	17
Public Water Supply	62	86
Totals	334	497

Reported Surface Water Use (Million Gallons), 2015



Reported Groundwater Use (Million Gallons), 2015



■ Aquaculture ■ Golf Courses ■ Industry ■ Irrigation ■ Mining ■ Other ■ Public Water Supply

Surface Water Basin	Reported Surface Water Use (Million Gallons), 2015*	Percentage
Broad	23651.62	7.83%
Catawba	41935.64	13.88%
Edisto	21060.74	6.97%
Pee Dee	51840.53	17.16%
Salkehatchie	1769.80	0.59%
Saluda	82904.93	27.44%
Santee	30756.04	10.17%
Savannah	48236.35	15.96%
Total	302155.65	100.00%

**Not including power*

<i>Surface Water Basin</i>	<i>Surface Water Category of Use</i>	<i>Reported Use (Million Gallons), 2015</i>
Broad	Golf Course	353.919
Broad	Industry	1183.329
Broad	Irrigation	4.25
Broad	Mining	26.309
Broad	Power Nuclear	6.789
Broad	Public Water Supply	22083.812
Catawba	Golf Course	222.879
Catawba	Industry	22670.276
Catawba	Irrigation	443.19
Catawba	Mining	398.02
Catawba	Power Nuclear	31448.077
Catawba	Public Water Supply	18201.274
Edisto	Golf Course	11
Edisto	Industry	23.631
Edisto	Irrigation	6457.466
Edisto	Power Thermal	0
Edisto	Public Water Supply	14568.647
Pee Dee	Golf Course	1421.4032
Pee Dee	Industry	28276.142
Pee Dee	Irrigation	1056.008
Pee Dee	Mining	451.696
Pee Dee	Public Water Supply	20635.281
Salkehatchie	Aquaculture	221.6
Salkehatchie	Golf Course	258.972
Salkehatchie	Irrigation	1289.223
Saluda	Aquaculture	58.7
Saluda	Golf Course	299.0639
Saluda	Industry	29360.001
Saluda	Irrigation	984.29
Saluda	Mining	0
Saluda	Public Water Supply	52202.8766
Santee	Golf Course	20.7

<i>Surface Water Basin</i>	<i>Surface Water Category of Use</i>	<i>Reported Use (2015, (Million Gallons)</i>
Santee	Industry	4468.913
Santee	Irrigation	116.548
Santee	Mining	244.08
Santee	Public Water Supply	25905.8
Savannah	Golf Course	656.118153
Savannah	Industry	9807.196
Savannah	Irrigation	75.1
Savannah	Mining	127.6
Savannah	Power Nuclear	0
Savannah	Power Thermal	773.592
Savannah	Public Water Supply	37570.33897

<i>COUNTY</i>	<i>Groundwater Use Category</i>	<i>Reported Groundwater Use (Million Gallons), 2015</i>
ABBEVILLE	Public Water Supply	0
AIKEN	Golf Courses	30.45
AIKEN	Industry	784.571
AIKEN	Irrigation	588.105
AIKEN	Public Water Supply	5177.5582
ALLENDALE	Industry	693.5
ALLENDALE	Irrigation	1791.769
ALLENDALE	Power Thermal	135.4418
ALLENDALE	Public Water Supply	439.105
ANDERSON	Industry	0
BAMBERG	Irrigation	1046.174
BAMBERG	Public Water Supply	336.5073
BARNWELL	Irrigation	1263.8515
BARNWELL	Public Water Supply	536.02
BEAUFORT	Aquaculture	34.047
BEAUFORT	Golf Courses	729.0049
BEAUFORT	Industry	32.008

<i>COUNTY</i>	<i>Groundwater Use Category</i>	<i>Reported Groundwater Use (Million Gallons), 2015</i>
BEAUFORT	Irrigation	565.66
BEAUFORT	Other	26.44
BEAUFORT	Public Water Supply	4520.7078
BERKELEY	Golf Courses	3.66
BERKELEY	Industry	1092.439
BERKELEY	Power Thermal	5.824
BERKELEY	Public Water Supply	71.4635
CALHOUN	Golf Courses	10.7
CALHOUN	Industry	3.57
CALHOUN	Irrigation	3989.425
CALHOUN	Public Water Supply	405.477
CHARLESTON	Golf Courses	412.378
CHARLESTON	Industry	53.014536
CHARLESTON	Public Water Supply	1590.116
CHEROKEE	Power Thermal	0
CHEROKEE	Public Water Supply	23.65
CHESTER	Golf Courses	30
CHESTER	Industry	4.988
CHESTERFIELD	Irrigation	406.758
CHESTERFIELD	Public Water Supply	994.8628
CLARENDON	Aquaculture	5
CLARENDON	Golf Courses	40.072
CLARENDON	Irrigation	1221.203
CLARENDON	Public Water Supply	742.08
COLLETON	Golf Courses	34.7
COLLETON	Irrigation	2215.599
COLLETON	Other	20.548
COLLETON	Public Water Supply	732.02
DARLINGTON	Golf Courses	4.6447
DARLINGTON	Industry	1709.001
DARLINGTON	Irrigation	947.42
DARLINGTON	Power Nuclear	367.492

<i>COUNTY</i>	<i>Groundwater Use Category</i>	<i>Reported Groundwater Use (Million Gallons), 2015</i>
DARLINGTON	Public Water Supply	2338.094
DILLON	Irrigation	326.473
DILLON	Public Water Supply	1620.236
DORCHESTER	Golf Courses	13.4
DORCHESTER	Industry	399.2789
DORCHESTER	Irrigation	279.07
DORCHESTER	Power Thermal	139.7126
DORCHESTER	Public Water Supply	443.1431
EDGEFIELD	Golf Courses	84.5
EDGEFIELD	Irrigation	43.785
FAIRFIELD	Public Water Supply	64.224
FLORENCE	Golf Courses	64.55
FLORENCE	Industry	1464.678
FLORENCE	Irrigation	278.31105
FLORENCE	Other	0.001
FLORENCE	Public Water Supply	4137.203
GEORGETOWN	Golf Courses	45.05
GEORGETOWN	Industry	99.662
GEORGETOWN	Irrigation	9
GEORGETOWN	Public Water Supply	1267.511
GREENVILLE	Golf Courses	3.1174
GREENVILLE	Industry	63.268
GREENVILLE	Public Water Supply	51.2774
GREENWOOD	Industry	4.181
GREENWOOD	Irrigation	3.198
HAMPTON	Aquaculture	108.2
HAMPTON	Golf Courses	16.56
HAMPTON	Industry	51.2
HAMPTON	Irrigation	2129.941
HAMPTON	Public Water Supply	399.421
HORRY	Golf Courses	384.094
HORRY	Industry	2.5868

COUNTY	Groundwater Use Category	Reported Groundwater Use (Million Gallons), 2015
HORRY	Irrigation	209.264
HORRY	Other	9.076
HORRY	Public Water Supply	2094.151185
JASPER	Golf Courses	23.211
JASPER	Irrigation	278.193
JASPER	Public Water Supply	294.179
KERSHAW	Golf Courses	27
KERSHAW	Industry	330.9089
KERSHAW	Irrigation	39
KERSHAW	Public Water Supply	544.625
LANCASTER	Golf Courses	32.976
LEE	Irrigation	1276.133
LEE	Public Water Supply	470.737
LEXINGTON	Golf Courses	26.9
LEXINGTON	Industry	372.911
LEXINGTON	Irrigation	3223.5166
LEXINGTON	Mining	656.579617
LEXINGTON	Public Water Supply	503.246
MARION	Golf Courses	14.146
MARION	Irrigation	349.1
MARION	Public Water Supply	1243.583
MARLBORO	Industry	68.87
MARLBORO	Irrigation	458.962
MARLBORO	Public Water Supply	1182.5115
NEWBERRY	Irrigation	47.95
NEWBERRY	Public Water Supply	4.498
OCONEE	Public Water Supply	29.99
ORANGEBURG	Golf Courses	124.555
ORANGEBURG	Industry	306.037
ORANGEBURG	Irrigation	5199.117
ORANGEBURG	Mining	2722.08
ORANGEBURG	Power Thermal	1307.454

<i>COUNTY</i>	<i>Groundwater Use Category</i>	<i>Reported Groundwater Use (Million Gallons), 2015</i>
ORANGEBURG	Public Water Supply	458.526
RICHLAND	Aquaculture	13.4
RICHLAND	Golf Courses	48.787
RICHLAND	Industry	682.688
RICHLAND	Irrigation	3.6
RICHLAND	Mining	94.36
RICHLAND	Public Water Supply	303.787
SALUDA	Public Water Supply	31.23
SPARTANBURG	Golf Courses	21.1847
SPARTANBURG	Public Water Supply	24.794
SUMTER	Golf Courses	72.33
SUMTER	Industry	253.1516
SUMTER	Irrigation	3317.492
SUMTER	Public Water Supply	5070.7735
UNION	Industry	2.544
WILLIAMSBURG	Industry	371.938
WILLIAMSBURG	Irrigation	151.5
WILLIAMSBURG	Public Water Supply	996.855
YORK	Golf Courses	74.75
YORK	Industry	4.299
YORK	Mining	128.52
YORK	Public Water Supply	0

COUNTY	Reported Groundwater Use (Million Gallons), 2015*	Percentage
ABBEVILLE	0	0.00%
AIKEN	6580.68	7.49%
ALLENDALE	3059.82	3.48%
ANDERSON	0	0.00%
BAMBERG	1382.68	1.57%
BARNWELL	1799.87	2.05%
BEAUFORT	5907.87	6.73%
BERKELEY	1173.39	1.34%
CALHOUN	4409.17	5.02%
CHARLESTON	2055.51	2.34%
CHEROKEE	23.65	0.03%
CHESTER	34.99	0.04%
CHESTERFIELD	1401.62	1.60%
CLARENDON	2008.36	2.29%
COLLETON	3002.87	3.42%
DARLINGTON	5366.65	6.11%
DILLON	1946.71	2.22%
DORCHESTER	1274.60	1.45%
EDGEFIELD	128.29	0.15%
FAIRFIELD	64.22	0.07%
FLORENCE	5944.74	6.77%
GEORGETOWN	1421.22	1.62%
GREENVILLE	117.66	0.13%
GREENWOOD	7.38	0.01%
HAMPTON	2705.32	3.08%
HORRY	2699.17	3.07%
JASPER	595.58	0.68%
KERSHAW	941.53	1.07%
LANCASTER	32.98	0.04%
LEE	1746.87	1.99%
LEXINGTON	4783.15	5.45%

COUNTY	Reported Groundwater Use (Million Gallons), 2015*	Percentage
MARION	1606.83	1.83%
MARLBORO	1710.34	1.95%
NEWBERRY	52.45	0.06%
OCONEE	29.99	0.03%
ORANGEBURG	10117.77	11.52%
RICHLAND	1146.62	1.31%
SALUDA	31.23	0.04%
SPARTANBURG	45.98	0.05%
SUMTER	8713.73	9.92%
UNION	2.54	0.00%
WILLIAMSBURG	1520.29	1.73%
YORK	207.57	0.24%
Total	87801.92	100.00%

** Not Including power*