



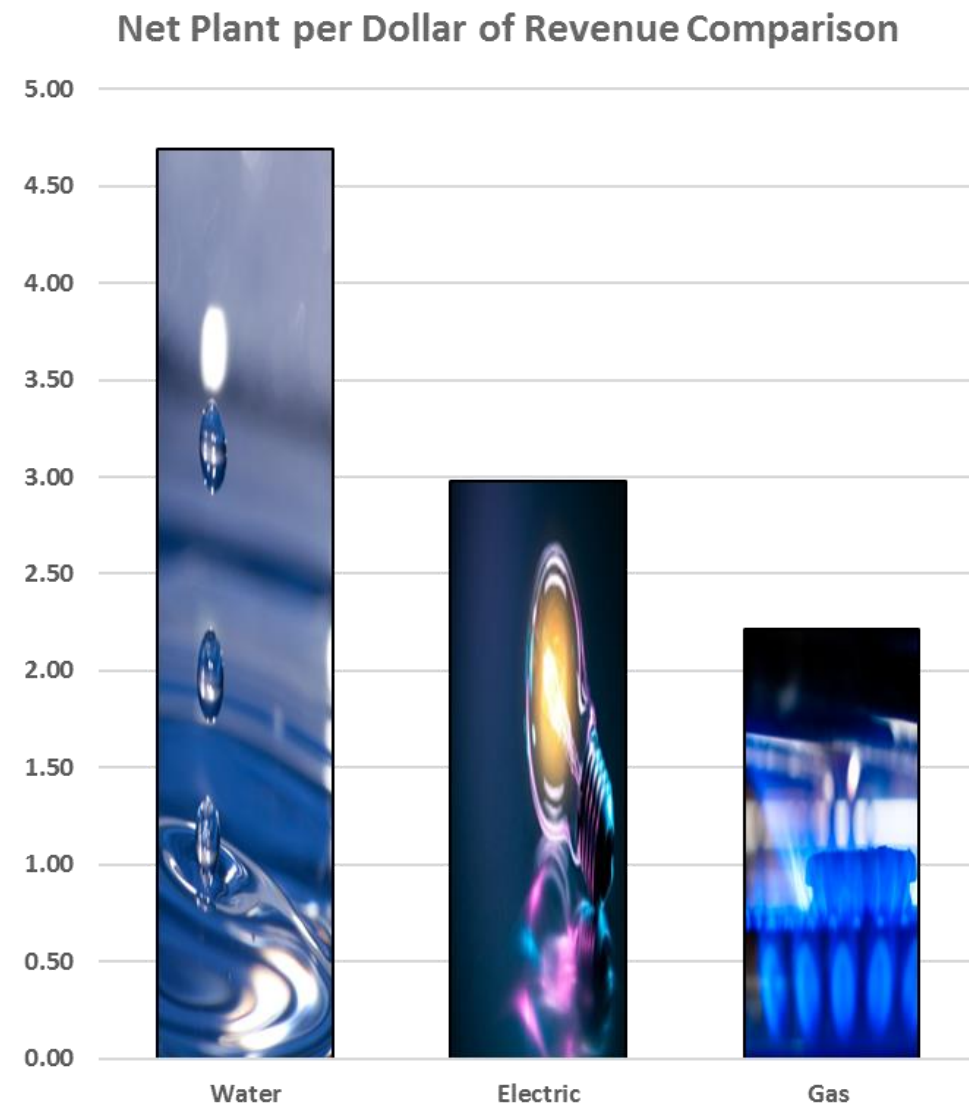
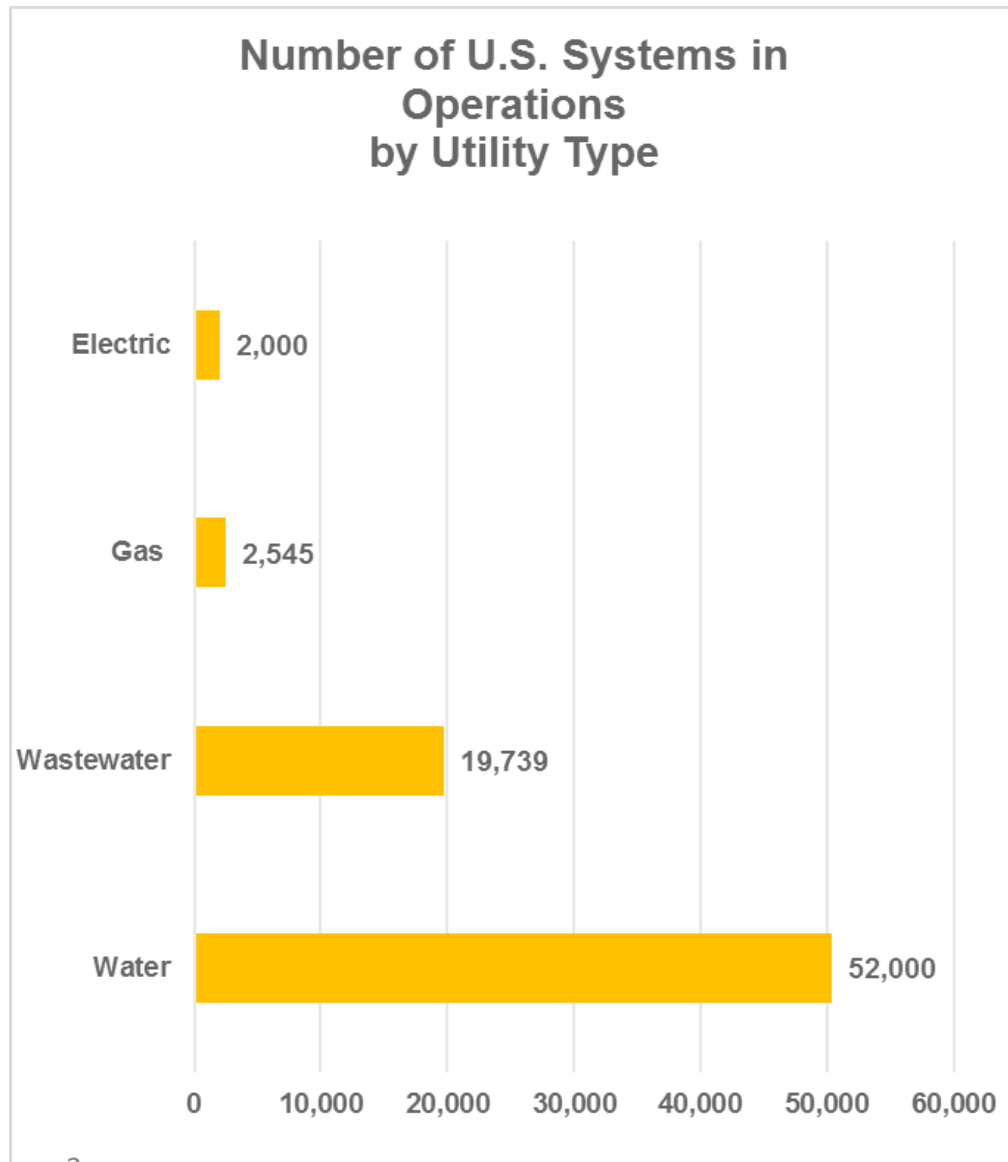
AMERICAN WATER

Asset Management Best Practices and Water Quality Accountability

NARUC Summer Policy Summit
July 22, 2019

We keep life *flowing*[®]

Capital Intensity and Fragmented Industry



FOOTPRINT

Regulated Business

3.4 million customers

16 states

1,600 communities

302 water systems

157 wastewater systems

American Water's Regulated Presence



ASSETS

as of December 31, 2018

51,000 miles of pipe

235,000 pieces of production equipment

81 surface water treatment plants

530 groundwater treatment plants

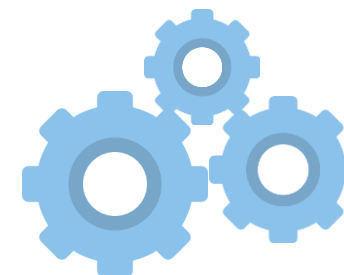
1,000 groundwater wells

1,300 water storage facilities

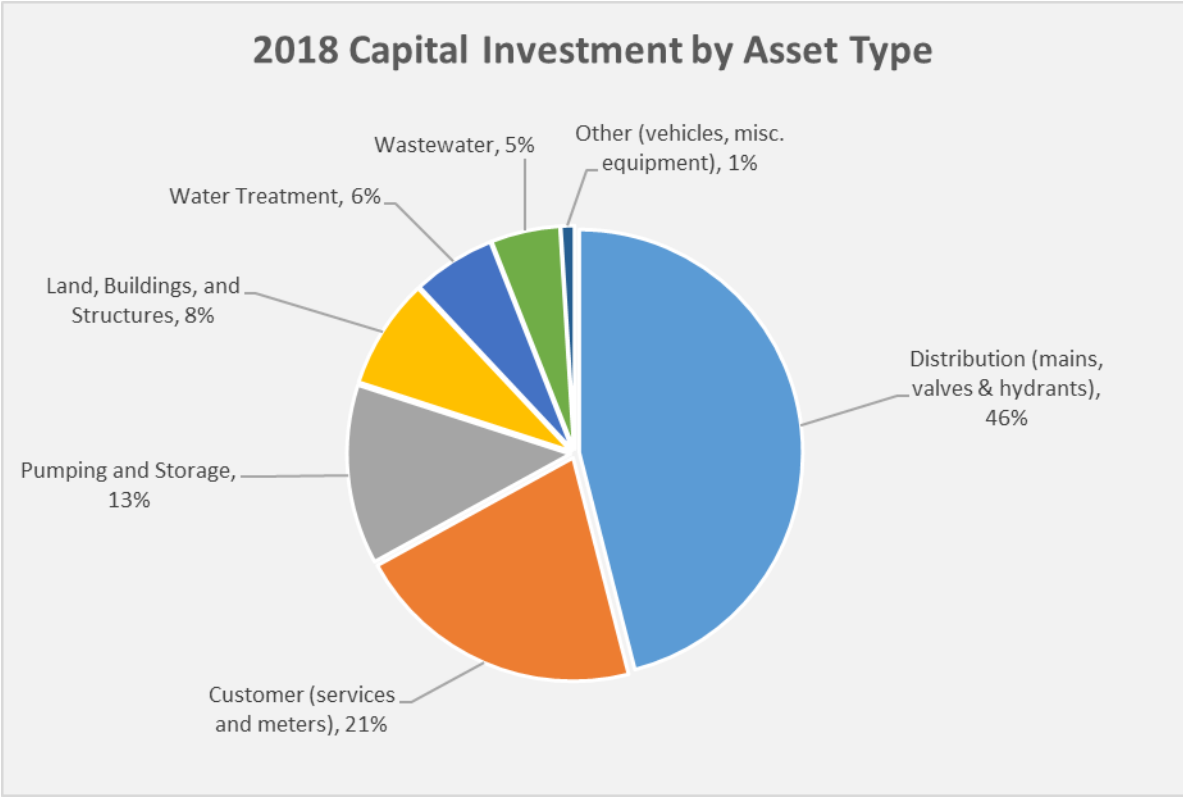
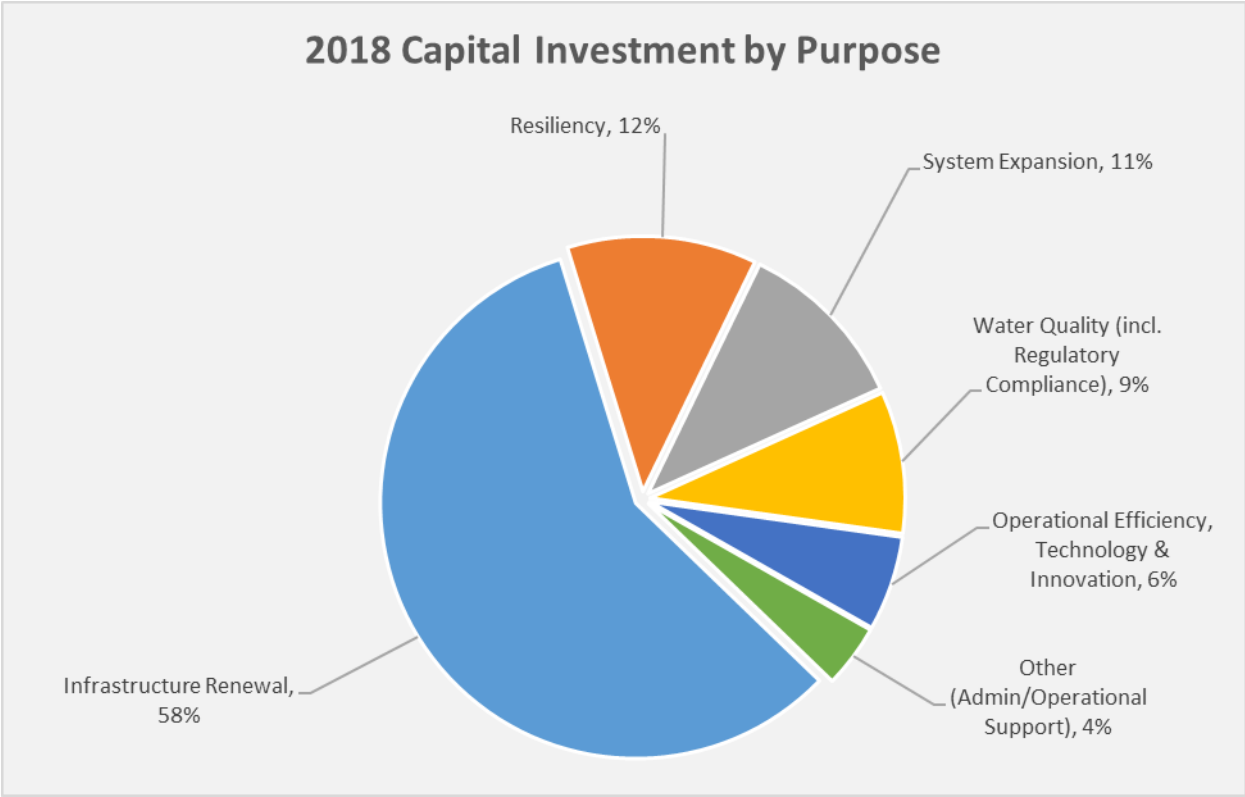
1,400 pumping stations

130 wastewater plants

80 dams



2018 Regulated Capital Investment



In 2018, we invested \$1.5 billion in capital investment in our Regulated Businesses, the majority for infrastructure improvements and replacements, particularly in our distribution systems.

Water Filtration Plant



South Lift Station



North Lift Station



North Lift Station Replacement



Before



After

South Lift Station Replacement



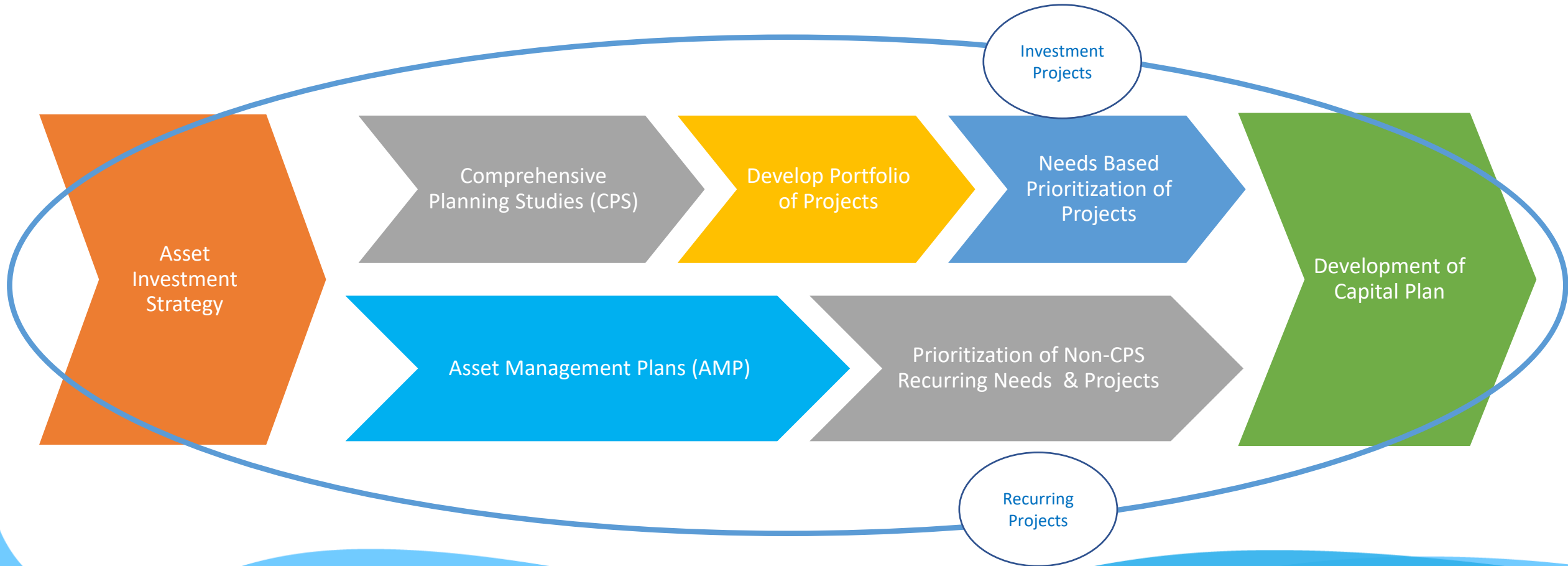
Before



**odor
adsorption
filter**

After

AW's Capital Planning and



Joplin, MO (May, 2011)



Coastal NJ (Oct, 2012)



Discussion



Asset Management Best Practices and Water Quality Accountability



Evan Kirk
UNC School of Government



Justin Kauffman
Aqua America



David Rubin
Aclara



Jim Chelius
American Water



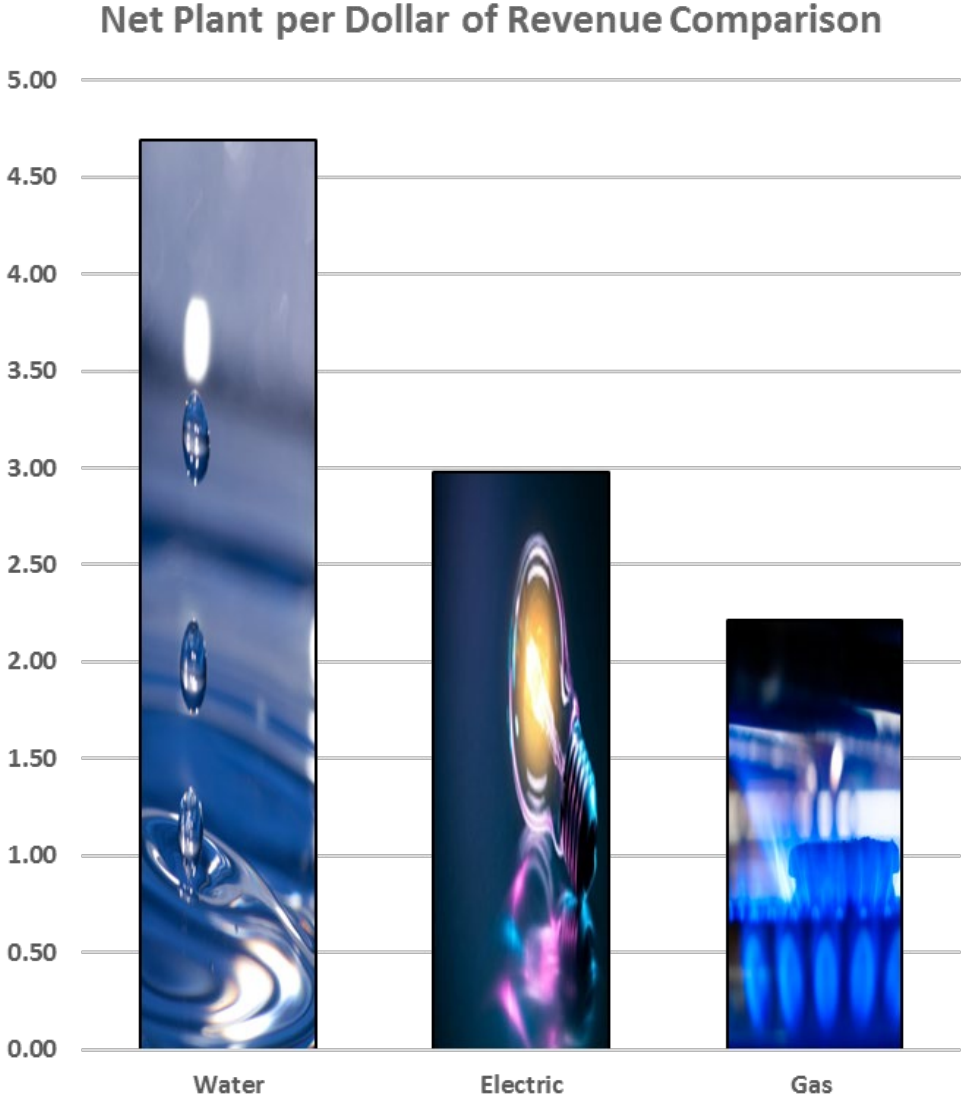
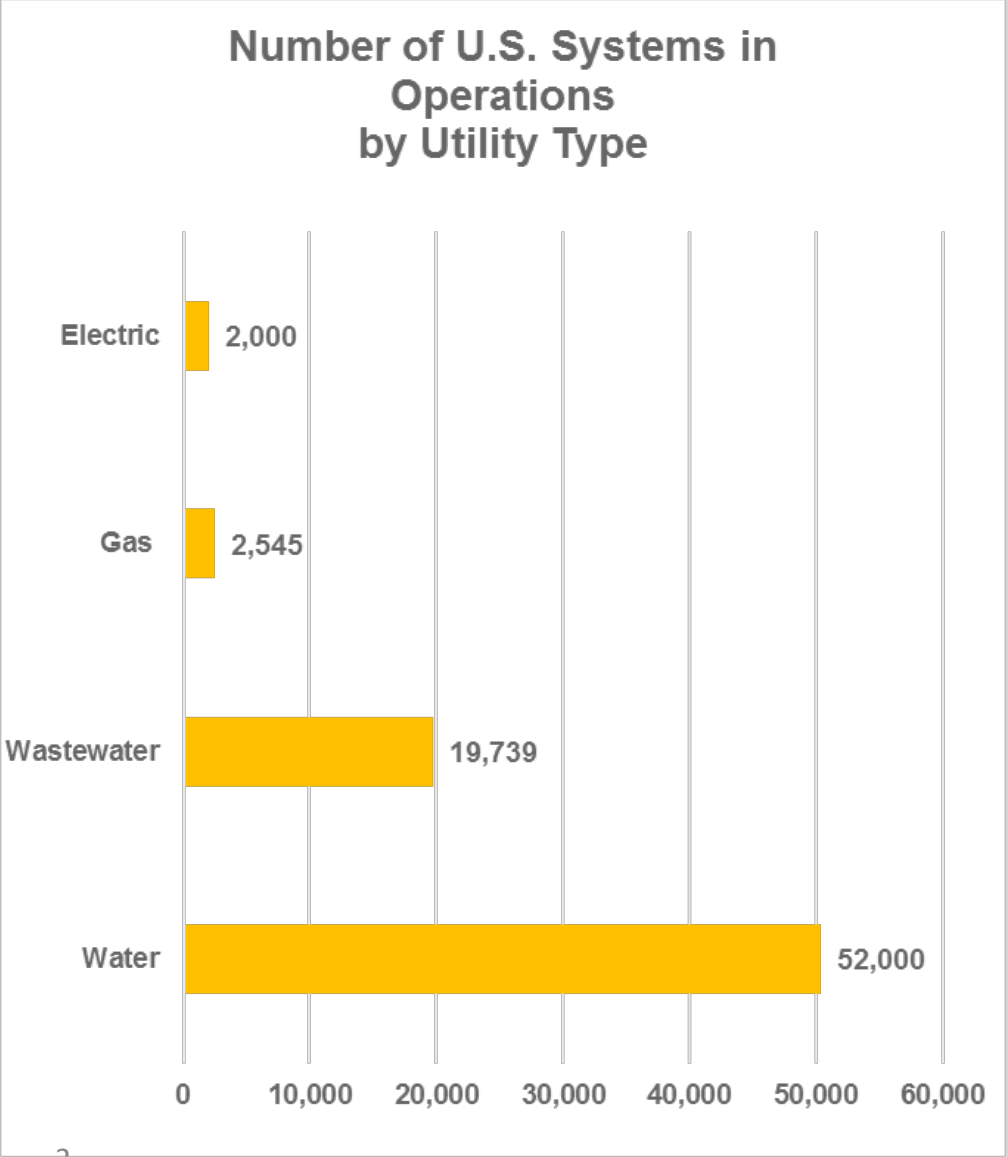
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Capital Intensity and Fragmented Industry



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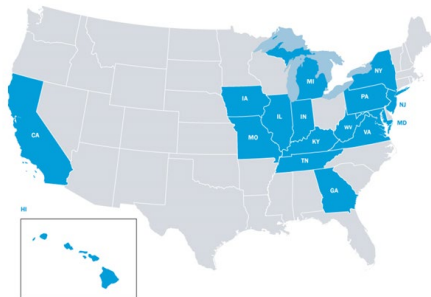
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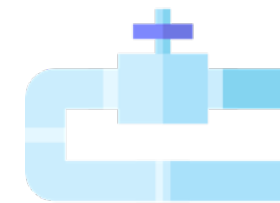
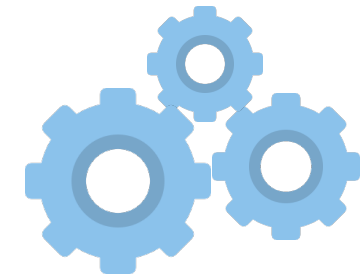
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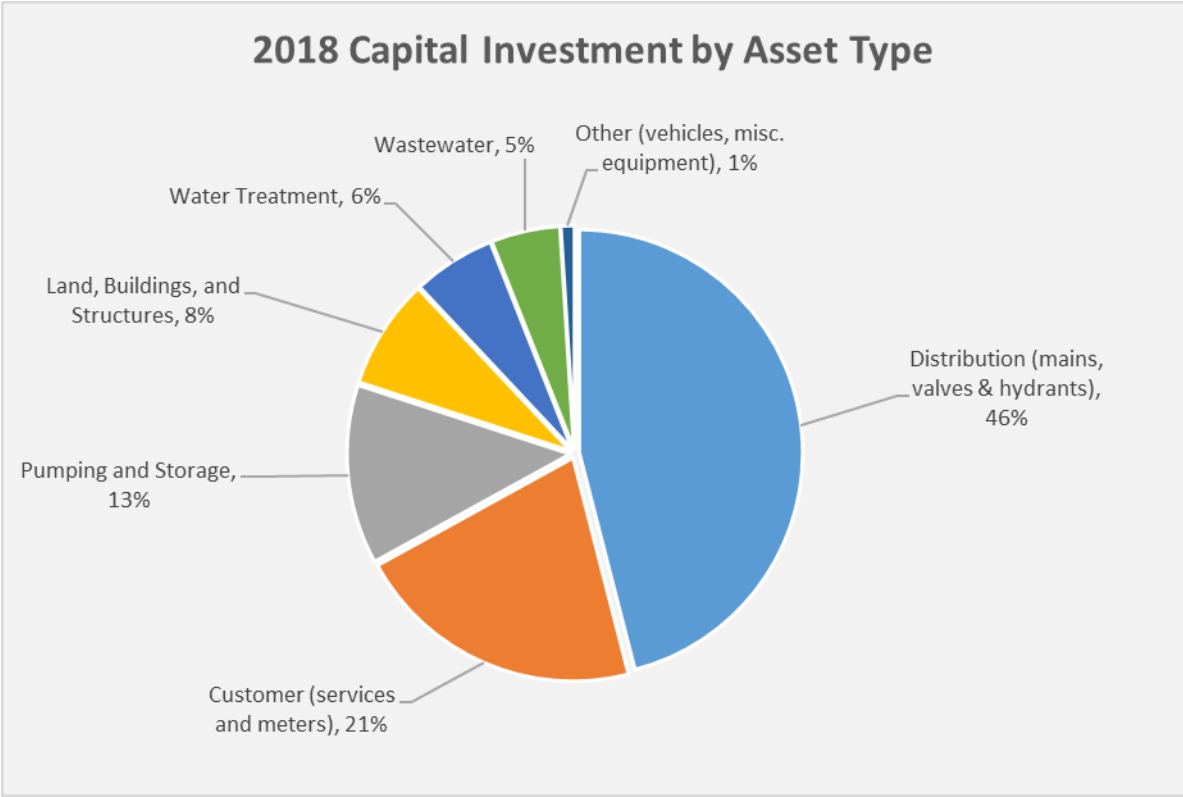
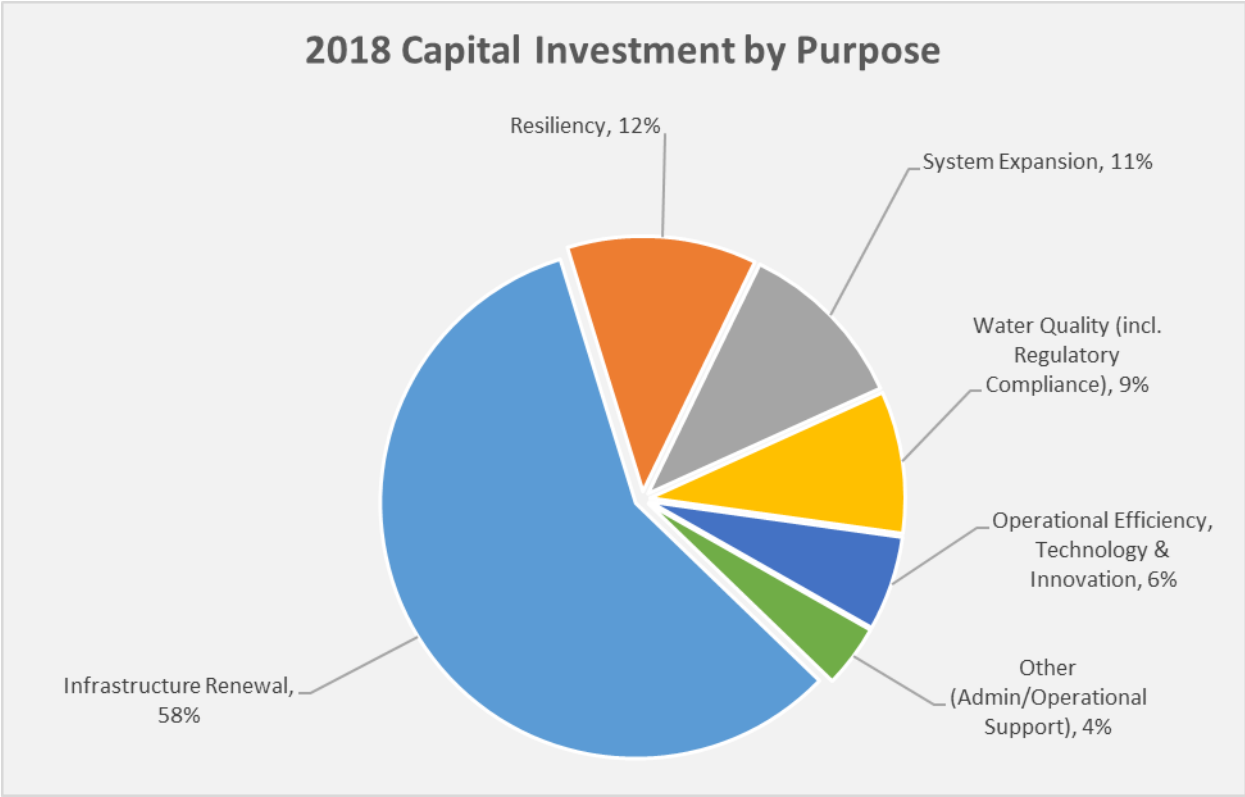
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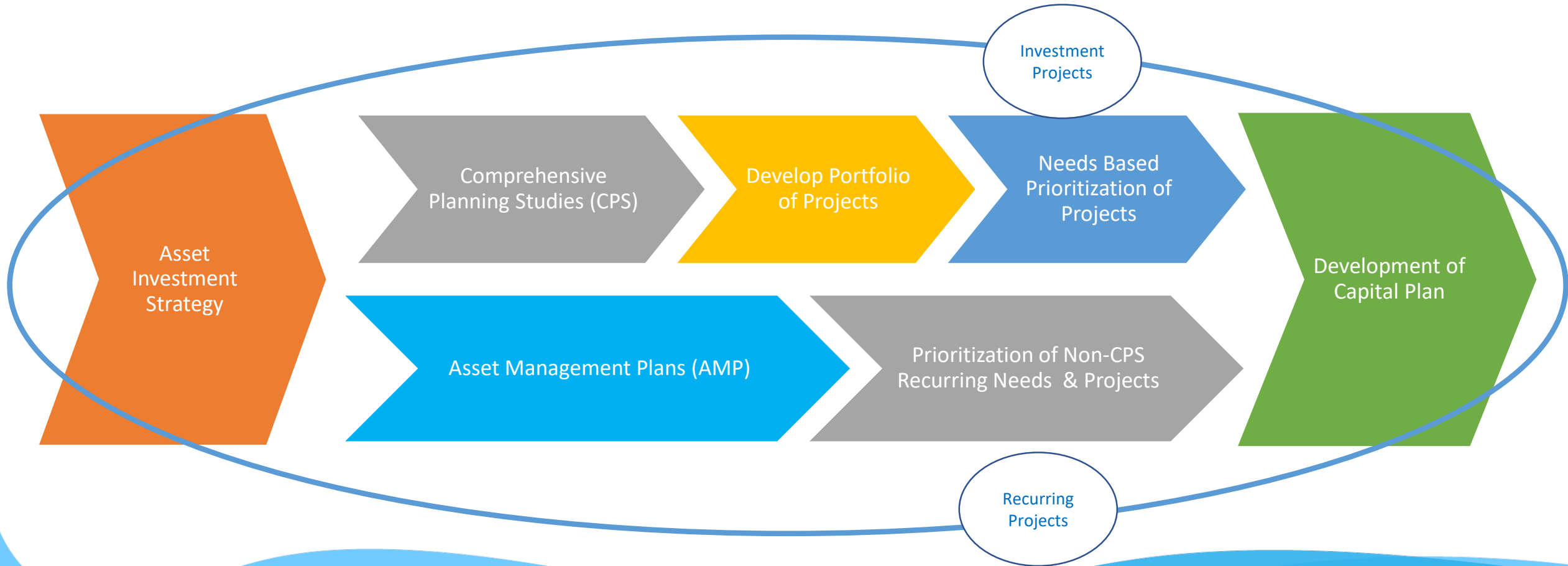
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