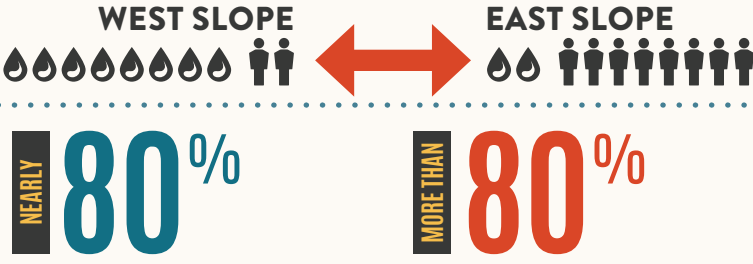


Water Facts

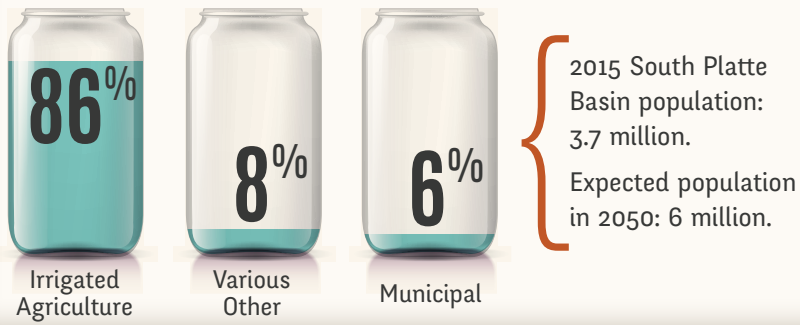
SOUTH PLATTE RIVER BASIN

GEOGRAPHIC PRECIPITATION IMBALANCE

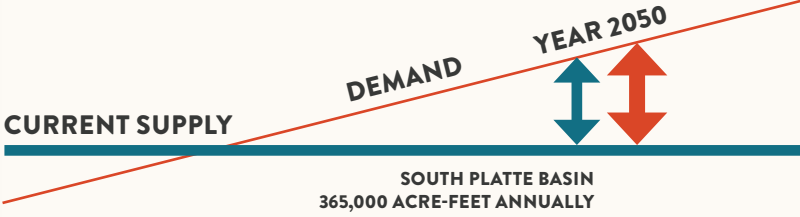


of the water is on the West Slope. of Colorado's population and irrigation water demands are on the East Slope.

HOW THE SOUTH PLATTE BASIN USES WATER



COLORADO'S MUNICIPAL WATER SUPPLY GAP



STRATEGIES FOR CLOSING THE MUNICIPAL GAP INCLUDE:

1. IPP's (including multipurpose water projects)
2. Conservation and reuse
3. Agricultural Transfers
4. Preservation of Colorado River basin supplies

Continually address added storage, environmental and recreational components

WATER WHAT?

ACRE-FOOT – 326,000 gallons or enough water to cover a football field 12 inches deep.

COLORADO-BIG THOMPSON PROJECT (CBT) – The largest transbasin diversion in the state delivers over 200,000 acre-feet per year from the Colorado River to the northern front range.

GROUNDWATER – Water held underground in the pores and crevices of sand and gravel.

RETURN FLOW – The unconsumed portion of water that is returned to the stream.

REUSE – Converting wastewater into water that can be reused for other purposes.

TRANSBASIN – Water delivered from one water basin to another, usually from the West Slope.

WATER RIGHT – Right to use water.

GREEN IS GREEN



Agriculture contributes **\$5.7 BILLION** to the economy of the South Platte River Basin.

HABITAT PROTECTION



The **Platte River Recovery Implementation Program** is a partnership of Colorado, Wyoming, Nebraska, the Department of Interior, water users, and NGOs that was created to conserve endangered species in Nebraska and to provide Endangered Species Act compliance for water development in Colorado.

SOUTHPLATTEBASIN.COM

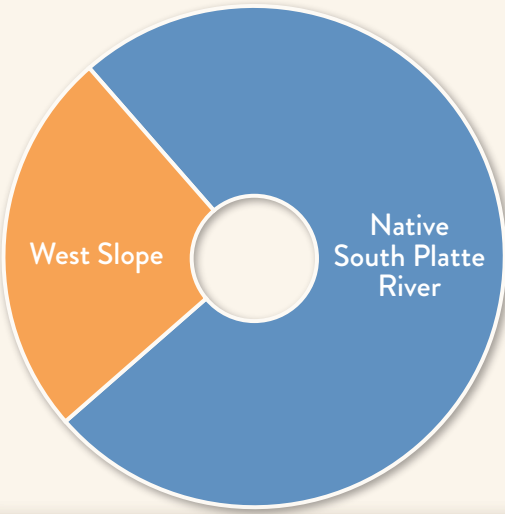
Water Facts

SOUTH PLATTE RIVER BASIN

WHERE YOUR WATER COMES FROM

Annual South Platte River Basin Supplies **1,122,000 ACRE-FEET PER YEAR (AFY)**

379,000 AFY of water from the West Slope is imported to the South Platte River Basin



Many Front Range water suppliers import a portion of their supply from the West Slope.

Rural residents and small communities rely on wells in the Denver Basin and other groundwater sources.

WATER AT YOUR HOUSE

1/3 ACRE-FOOT is delivered to a typical home annually.

Rainfall on roofs and pavement flows directly to streams.

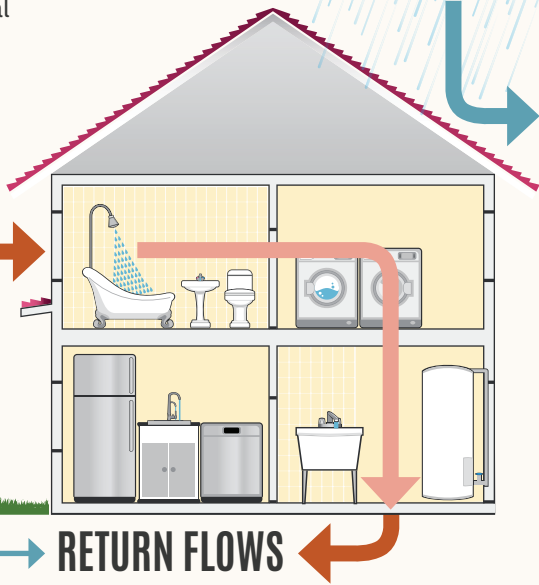
HOME WATER USAGE

60% INSIDE

40% OUTSIDE



A small fraction of water used outside returns to the stream eventually.



RETURN FLOWS

95%

of water used inside returns to the stream through the treatment system.

WHERE YOUR WATER GOES

RETURN FLOW REUSE

On average, South Platte River Basin Water is reused **AT LEAST 7 TIMES**

Aurora Water's Prairie Waters Project is the largest water reuse system for drinking water in Colorado. Prairie Waters recaptures water in the South Platte River used for washing, laundry and showering and treats it for reuse, providing Aurora an additional 3.3 billion gallons of water per year.

Arapaho people called the river Niinéniiinicíhéhe – early Spanish explorers called it Rio Chato (calm river).



SOURCES: DWR and USGS

SOUTHPLATTEBASIN.COM