Land Use Types:

Landscape types for metro-Phoenix cities are mostly Moderate (partially desert with small amounts of turf) or Sparse (mostly desert). Less than 7% of homes are classified as predominantly turf properties.

Landscape Types

- Sparse: 24%
- Moderate: 64%
- Arid: 5%
- Turf-Extensive: 7%

Half of the property area is covered by hardscape (driveway, patio, house, shed, swimming pools, etc.).

STUDY FINDINGS

Water End Uses for Metro-Phoenix Single-Family Homes

- Overall average daily water use varies little between cities; differences are due to lower or higher percentages of water intensive landscape types.
- Summer water use increases about 30% and winter water use decreases about 30% from average annual water use.
- Indoor daily water use for appliances and fixtures (e.g., toilets, showers, clotheswashers, dishwashers, etc.) varies little between metro-Phoenix cities.
- Fixture and appliance efficiencies are very similar regardless of age or size of home.
- Landscape types are mostly Moderate (partially desert with small amounts of turf) or Sparse (mostly desert).
- Turf is more prevalent at older homes.
- Less than 7% of homes have turf covering more than 35% of the property area.
- 39% of homes do not have a swimming pool.
- Desert adapted landscape types (Arid, Sparse, and Moderate) use a lot less water than lush landscape types (Extensive and Turf).

The information herein was based upon a larger study jointly funded by the Arizona Department of Water Resources (ADWR), City of Phoenix, City of Glendale, and Town of Gilbert (co-sponsors) which can be found on the ADWR website.
OUTDOOR WATER USE

Overall average daily water use varies little between metro-Phoenix cities; with summer use increasing by approximately 30% and winter use decreasing by approximately 30% from the annual average.

Indoor daily water use for appliances and fixtures (e.g., toilets, showers, clotheswashers, dishwashers, etc.) varies little between metro-Phoenix cities.

INDOOR WATER USE

39% of homes have no turf at all.

Almost 50% of indoor water use is for toilets and clotheswashers.

In the summer the 3 municipalities studied showed very similar water use amounts; with 2/3 of water used outdoors and 1/3 of water used indoors.

In the summer the 3 municipalities studied showed very similar water use amounts; with 2/3 of water used outdoors and 1/3 of water used indoors.

OVERALL WATER USE

Overall average daily water use varies little between metro-Phoenix cities; with summer use increasing by approximately 30% and winter use decreasing by approximately 30% from the annual average.

63% of homes do NOT have a swimming pool.

In the summer the 3 municipalities studied showed very similar water use amounts; with 2/3 of water used outdoors and 1/3 of water used indoors.

Homes With and Without Turf

- No Turf: 39%
- Some Turf: 61%

Pool Ownership

- City A: 68% Pools, 32% No Pools
- City B: 62% Pools, 38% No Pools
- City C: 61% Pools, 39% No Pools