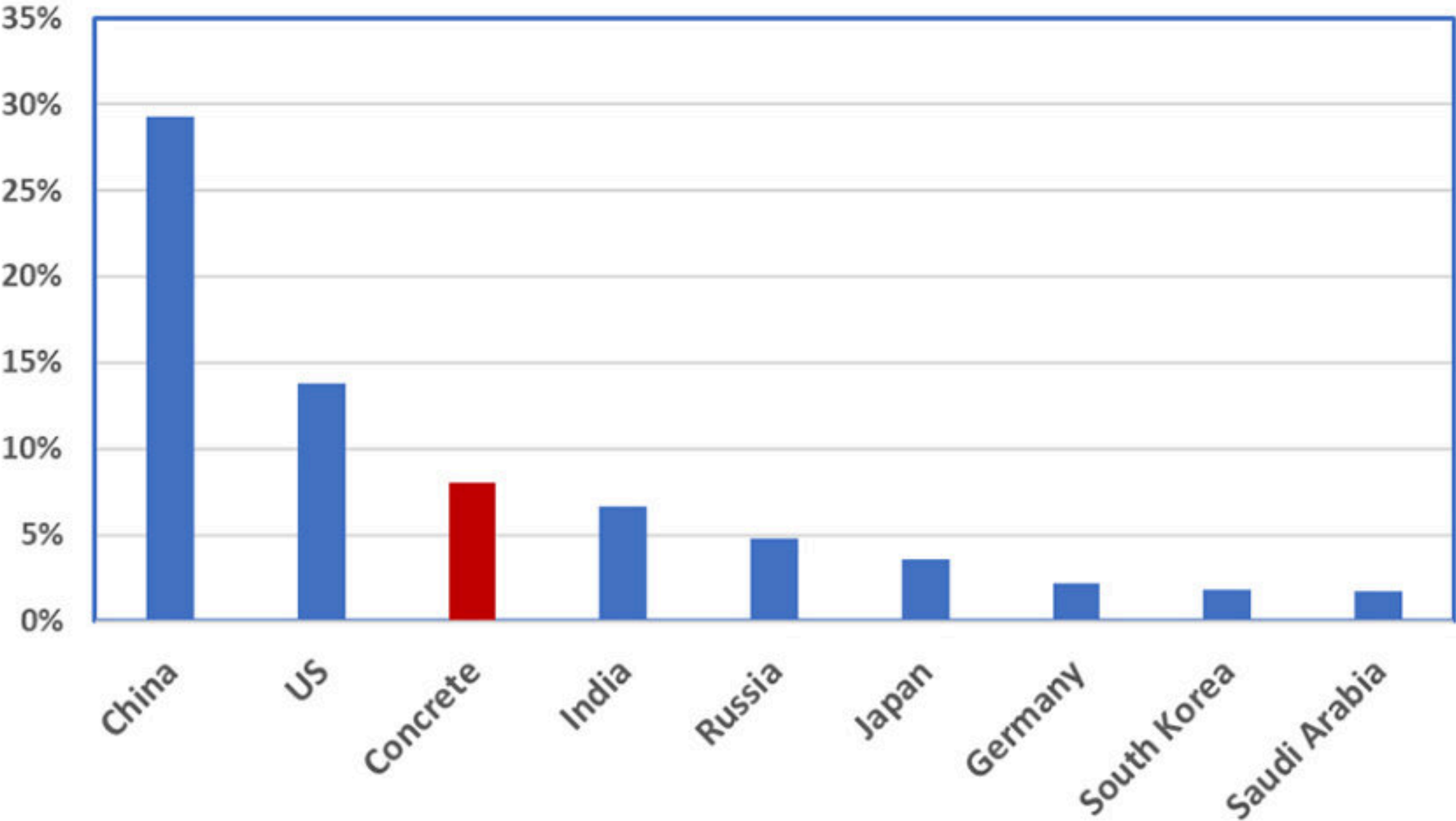




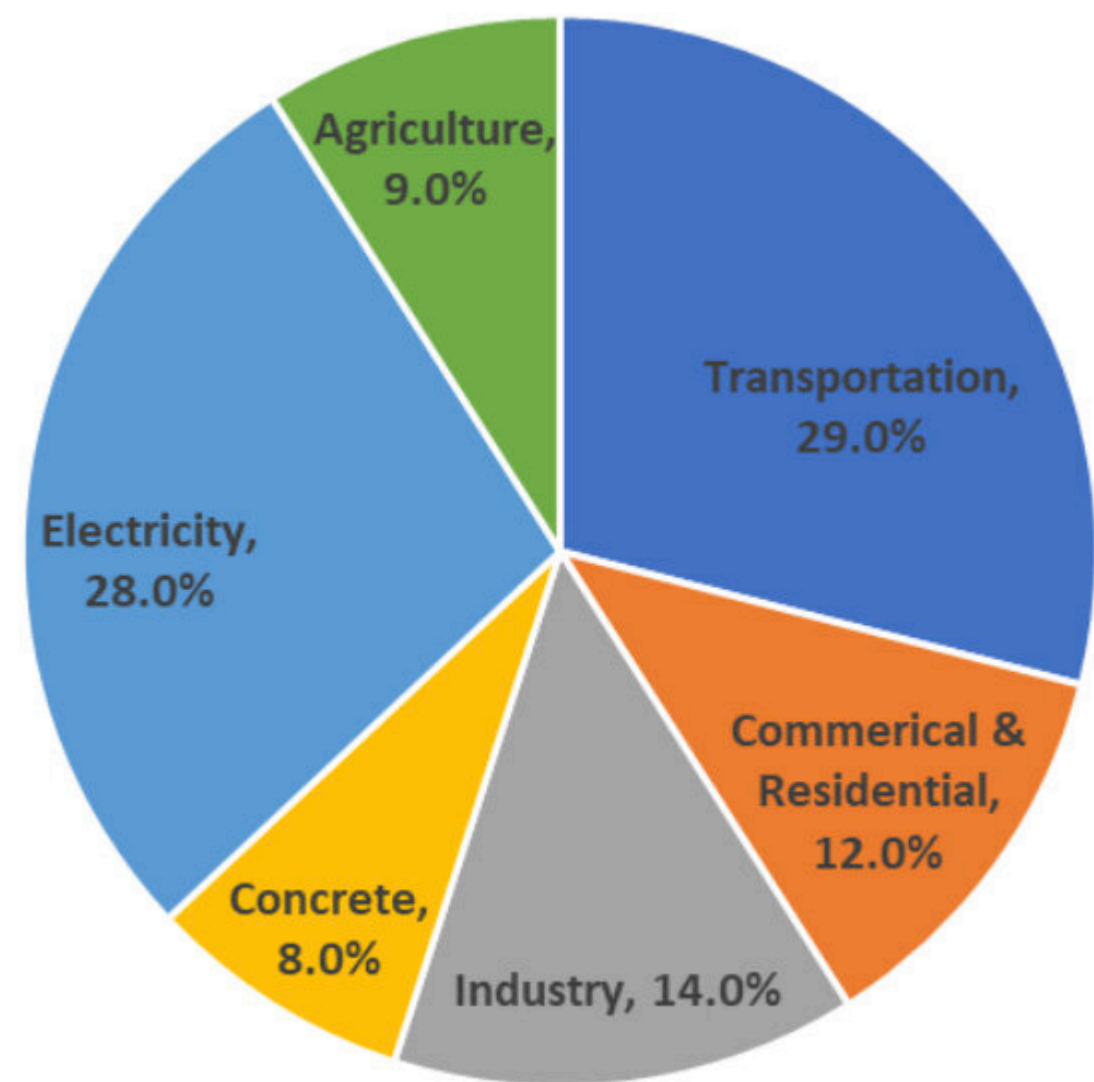
TrickyWater
Listen • Think • Do

If Concrete Was A Country



<https://www.ecori.org/climate-change/2019/10/4/global-warming-has-a-co2ncrete-problem>

We Have a Measurable Concrete Problem



<https://www.ecori.org/climate-change/2019/10/4/global-warming-has-a-co2ncrete-problem>

The Pandemic Should Give The Construction Industry Pause

- Pause new construction as much as possible
- Stop building new and repurpose structures
- The cost of building a 4,000 sq. ft. restaurant from scratch is over \$1.1M



Ruby Tuesday has quietly closed over 150 restaurants since late January. Here's the list of closures.

Irene Jiang Jul 8, 2020, 1:52 PM



- A 4,000 sq. ft. restaurant requires about 15,000 cubic feet of concrete
 - 1 cubic foot of = 150 pounds of concrete
 - 1 lb of concrete = 0.97 pounds of CO₂ emissions

1 New Restaurant = 14,550 pounds of CO₂ emissions

- Case Study Example
 - **150** Ruby Tuesday's Restaurants closed in 2020
 - Demolishing and rebuilding those locations could result in at least **2.2 million pounds of CO2 emissions**
 - Smart redesign could make the platforms reusable and ready to be social distance and safe restaurants











