

# UMass Chan Medical School

Total sustainability impact and cost savings for **1,925** products purchased in 2022

COST SAVINGS IN THE AMOUNT OF **\$ 32,347**

## ENVIRONMENTAL IMPACT REDUCTION

## EQUIVALENT TO

### GHG Reduction

**173,414**

kilograms of CO<sub>2</sub> equivalents



Taking **37** average US passenger cars off the road for a year



### Energy Savings

**769,302**

KwH



The annual electricity consumption of **63** average US households



### Hazardous Waste

**33**

kilograms



The weight of **0** refrigerators



### Solid Waste

**17,157**

kilograms



Annual waste generation of **9** average US households



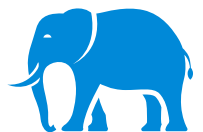
### Primary Materials

**7,911**

kilograms



The weight of **2** elephants



### Water Consumption

**1,712,601**

liters of H<sub>2</sub>O



Fluid volume of **0.7** olympic sized swimming pools



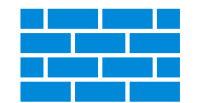
### Toxics

**104**

kilograms



The weight of **46** bricks



### Material Conservation

**630**

kilograms



The weight of **0.02** 18-wheelers



Smog Formation Potential

**8,180**

kg O<sub>3</sub> equivalent



Water Emissions

**36**

kilograms



Eutrophication Potential

**22**

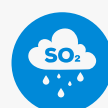
kg N equivalent



Air Emissions

**15,522**

kilograms



Acidification Potential

**868**

kg of SO<sub>2</sub> equivalent