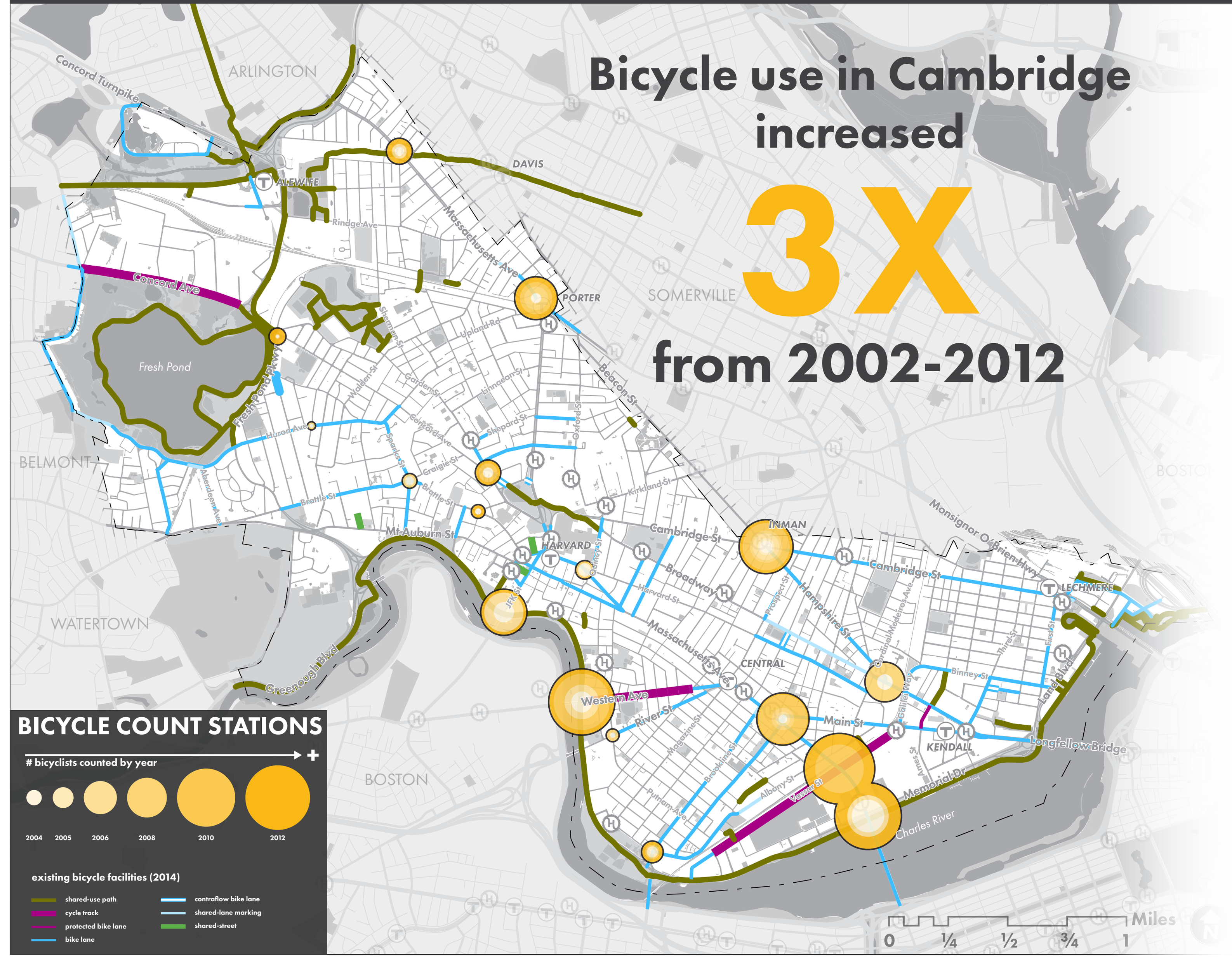
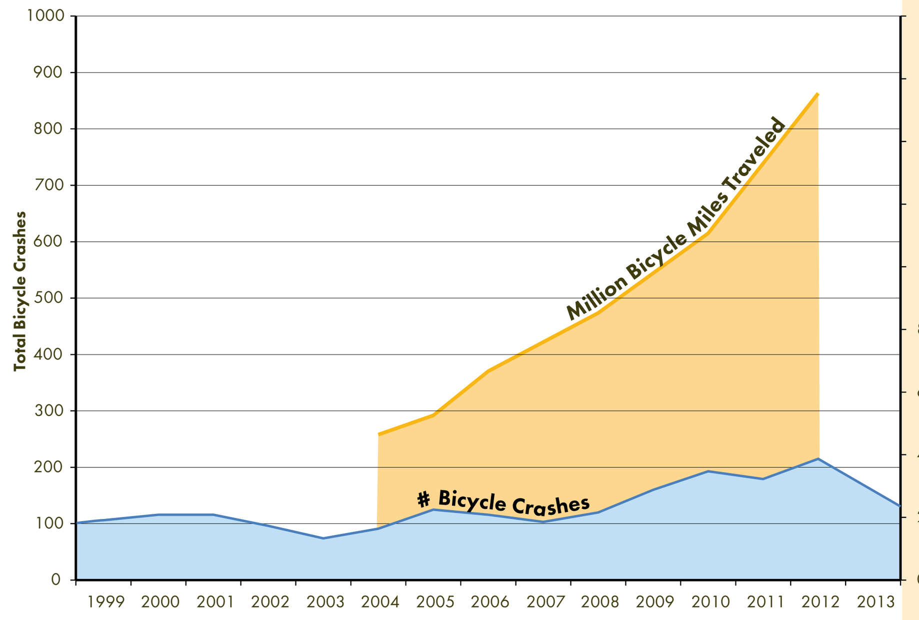
BICYCLE CRASH TYPES AND TRENDS

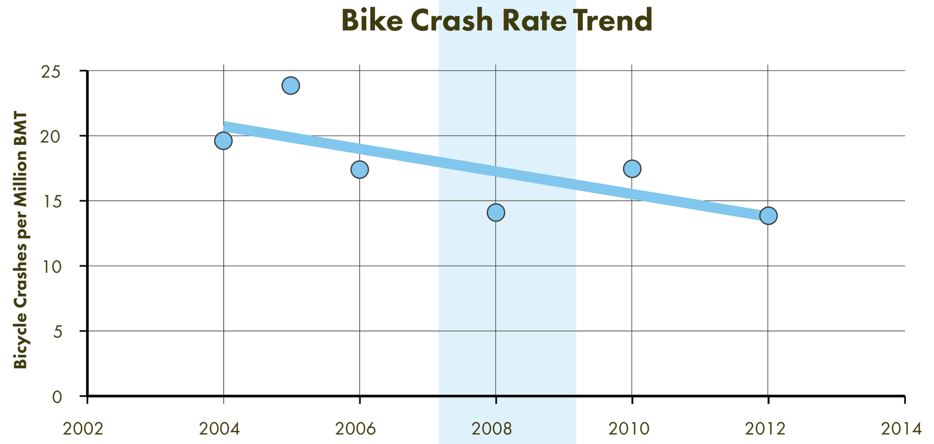
JUNE 2014

Bicycle use in Cambridge increased **3X** from 2002-2012



Bicycle miles traveled in Cambridge increased by **235%** in less than a decade

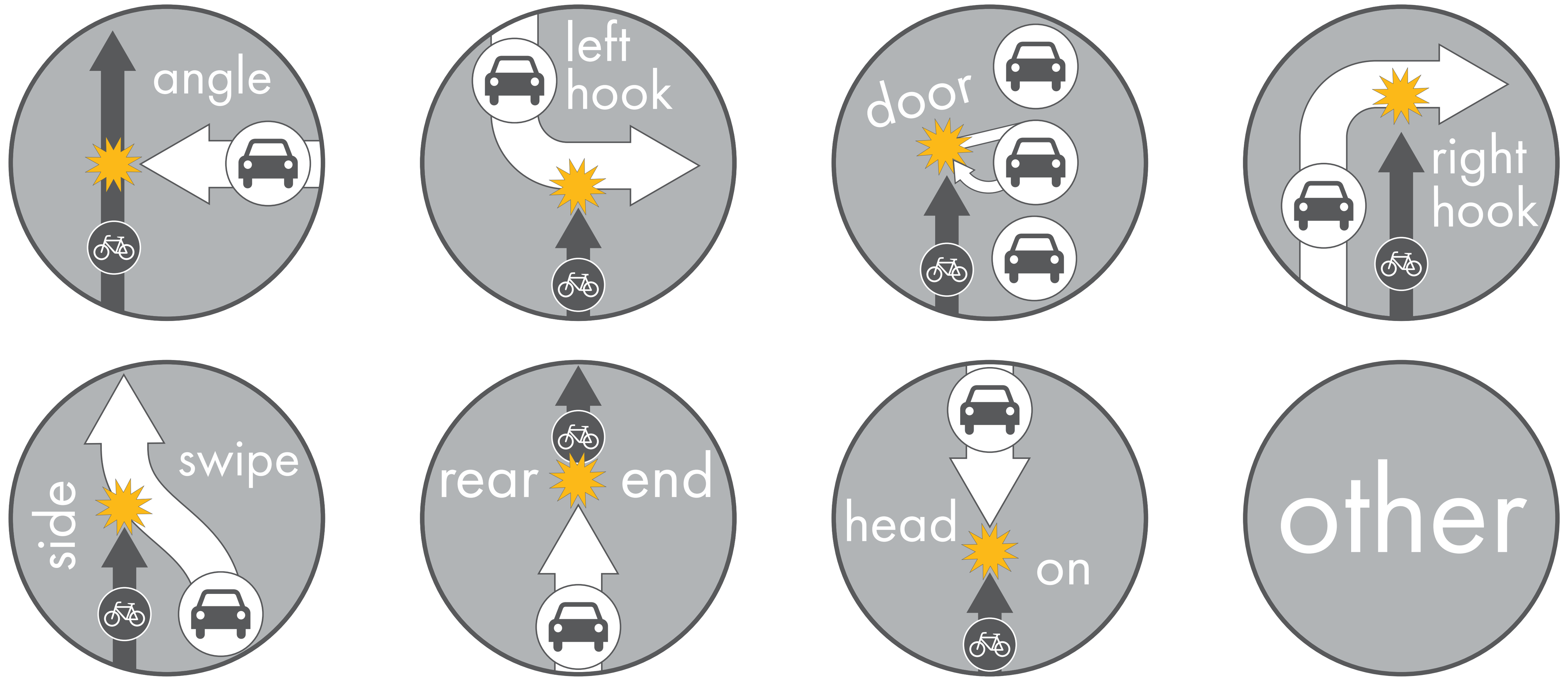




Bicycle crash rates have decreased in Cambridge by **29%** in the same time period

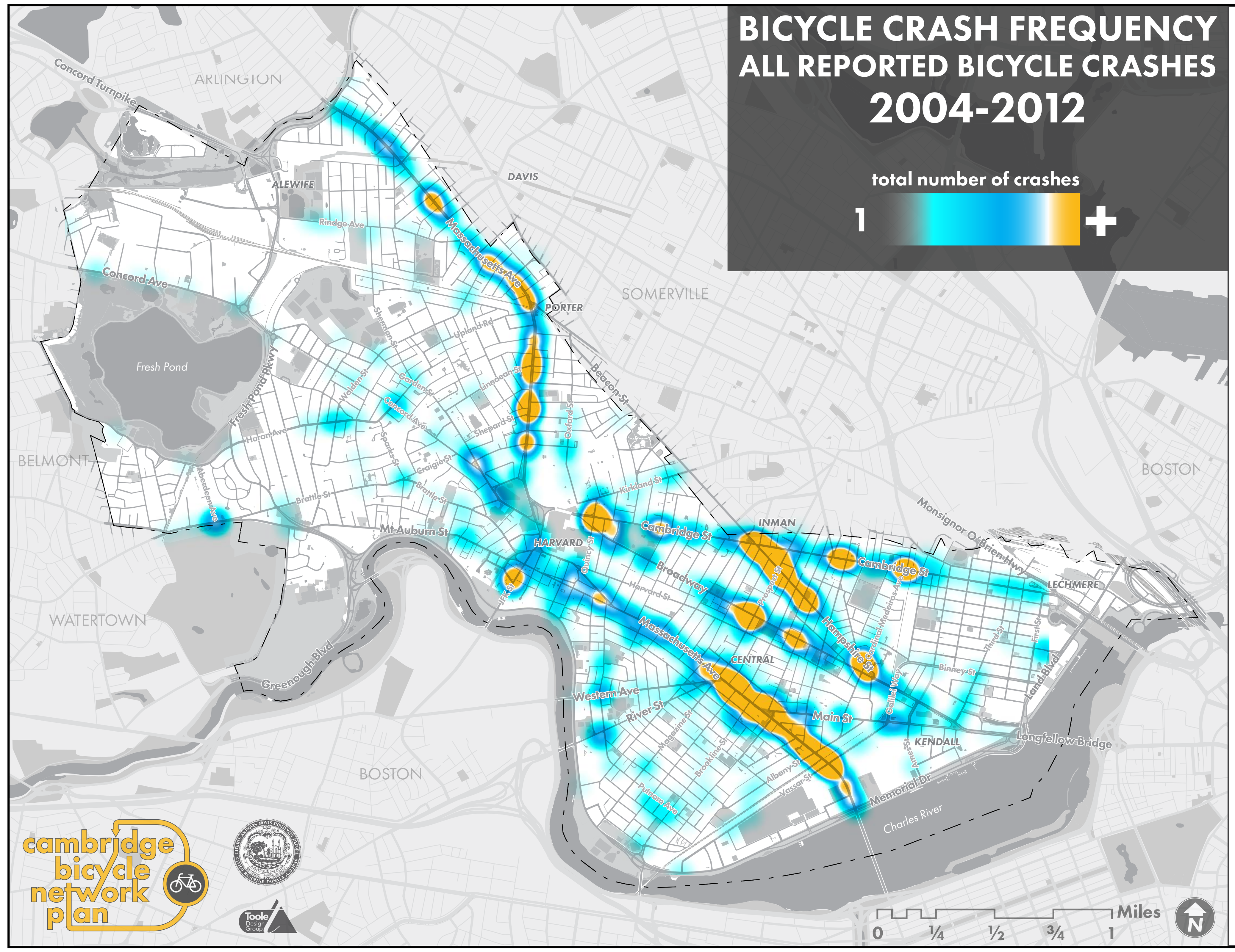
Bicycle Miles Traveled (BMT) is an adaptation of the traditional traffic planning tool Vehicle Miles Traveled (VMT). It is an estimate of overall usage during a specific timeframe and is useful for calculating exposure to crashes. The BMT along these corridors is derived by applying national standards for estimating usage to the bicycle counts recorded throughout the city.

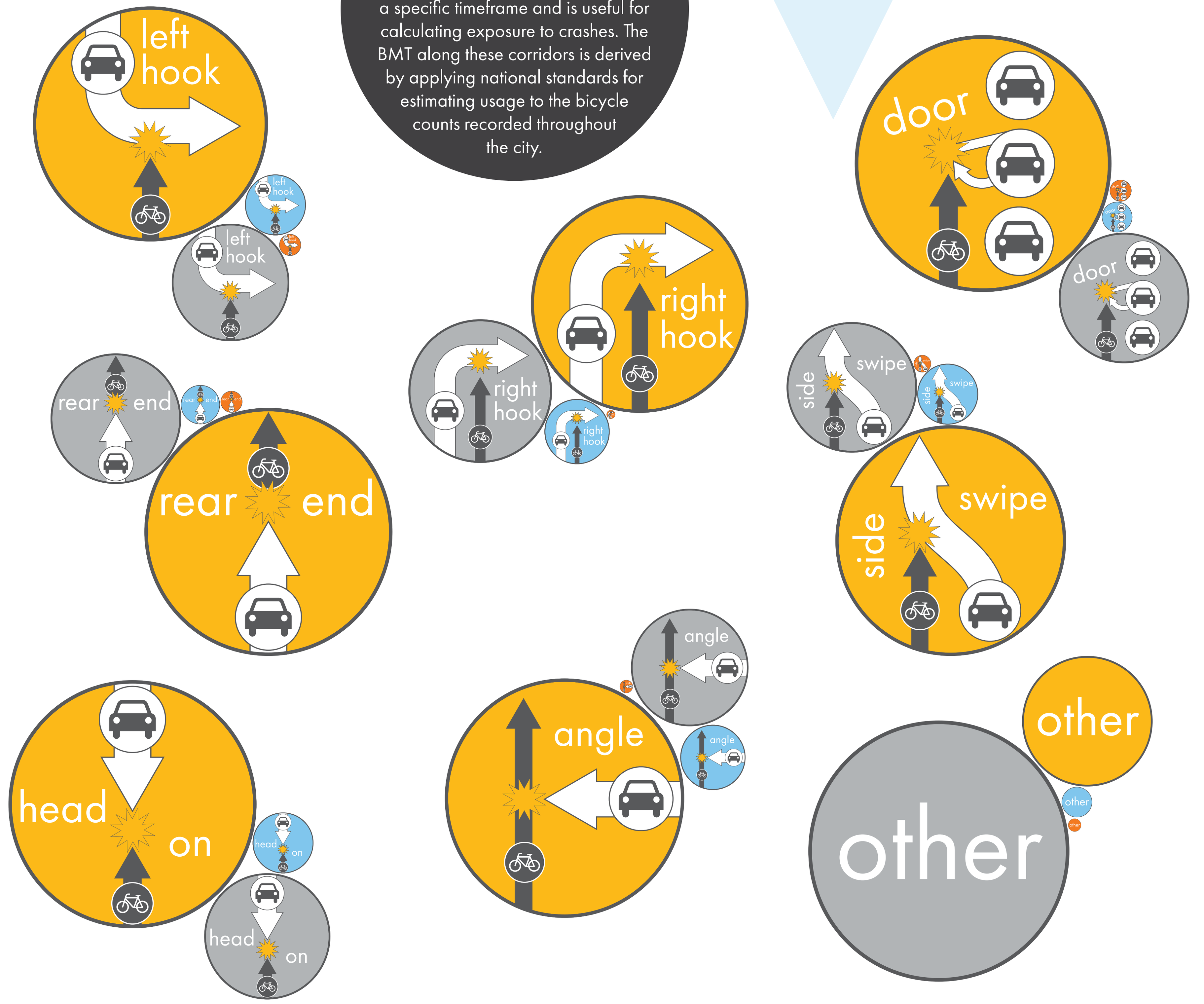
PRIMARY CRASH TYPES



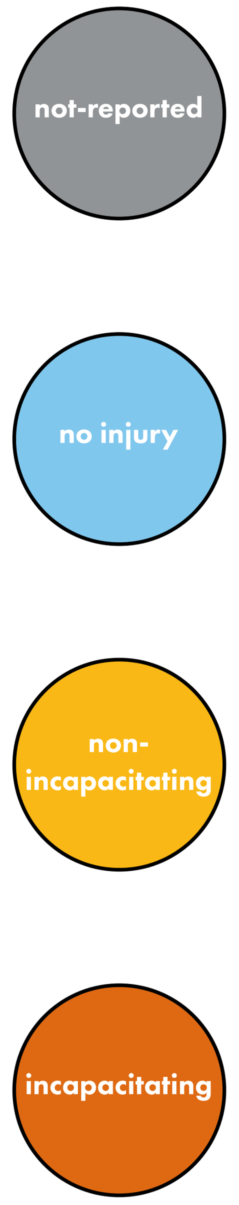
BICYCLE CRASH FREQUENCY
ALL REPORTED BICYCLE CRASHES 2004-2012

total number of crashes
1
+





BICYCLE CRASH SEVERITY BY PROPORTION OF CRASH TYPE 2004-2012



BICYCLE CRASH ANALYSIS
BICYCLE CRASHES PER MILLON BICYCLE MILES TRAVELED (BMT) AND PREVALENT CRASH TYPES BY CORRIDOR 2004-2012

Crashes per Million BMT
Prevalent Crash Types

Note: Crash rates are only calculated for those roads which have sufficient bicycle count and crash data available to make a statistically significant estimate.