



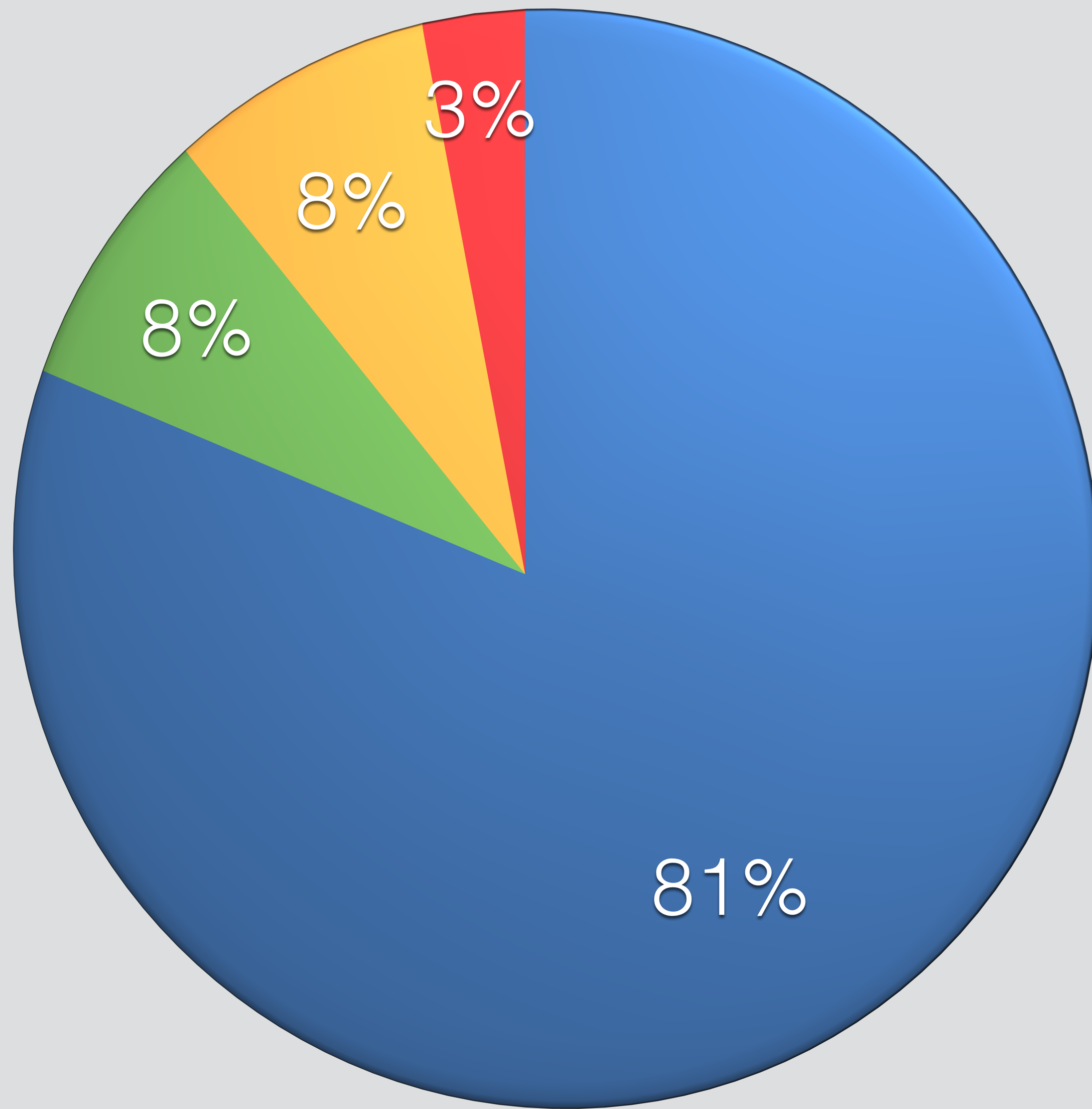
R E N E W A B L E S

I N I S L A N D R E S O R T S



MVR 8.1 BILLION

MALDIVES 2014 FUEL BILL



- Diesel
- Jet fuel
- Petrol
- Propane


O F D I E S E L

I N 2 0 1 4

GREENHOUSE EMISSIONS

MALDIVES 2009 emissions was 1.3 million tCO₂eq

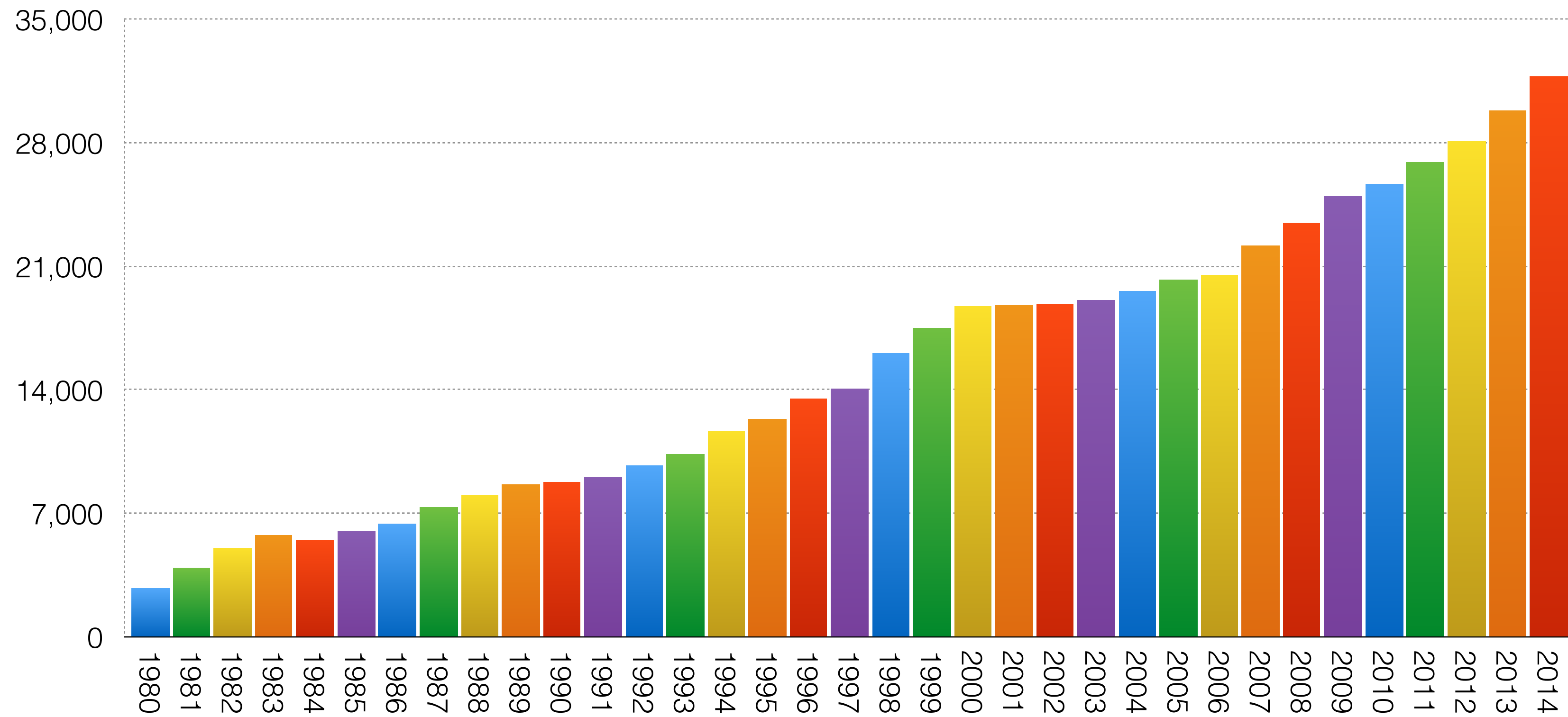
- India 1.7 tCO₂eq/person/year
- Maldives 4.0 tCO₂eq/person/year
- China 5.5 tCO₂eq/person/year
- France 9.0 tCO₂eq/person/year
- USA 23.5 tCO₂eq/person/year

A photograph of a modern resort building with a large infinity pool. The building features a white facade with large glass windows and wooden accents. The pool is filled with clear blue water and has a tiled bottom. In the background, there are several palm trees and a thatched-roof structure. The sky is blue with some clouds.

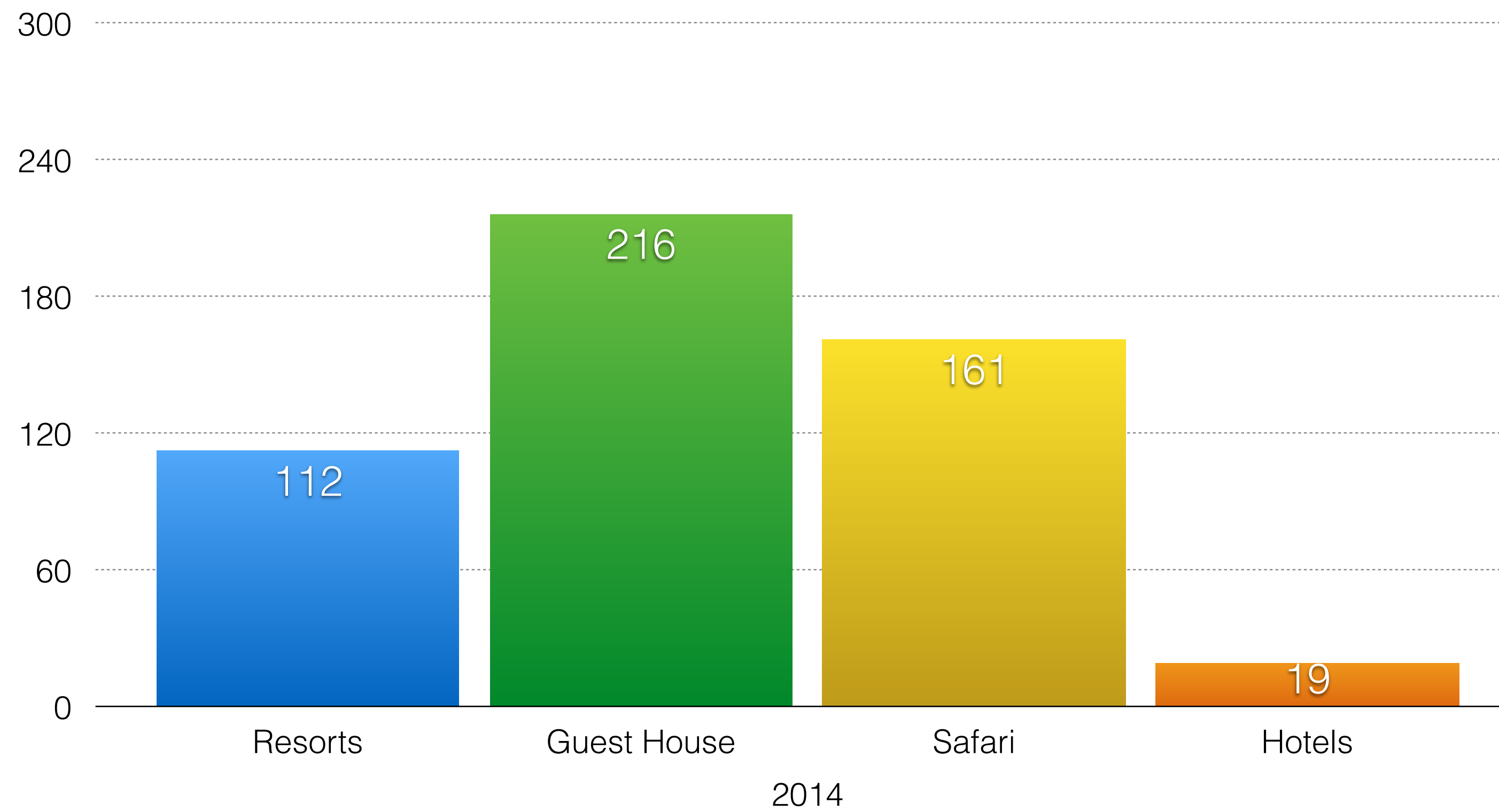
32.49%
RESORTS

91,226 TOE

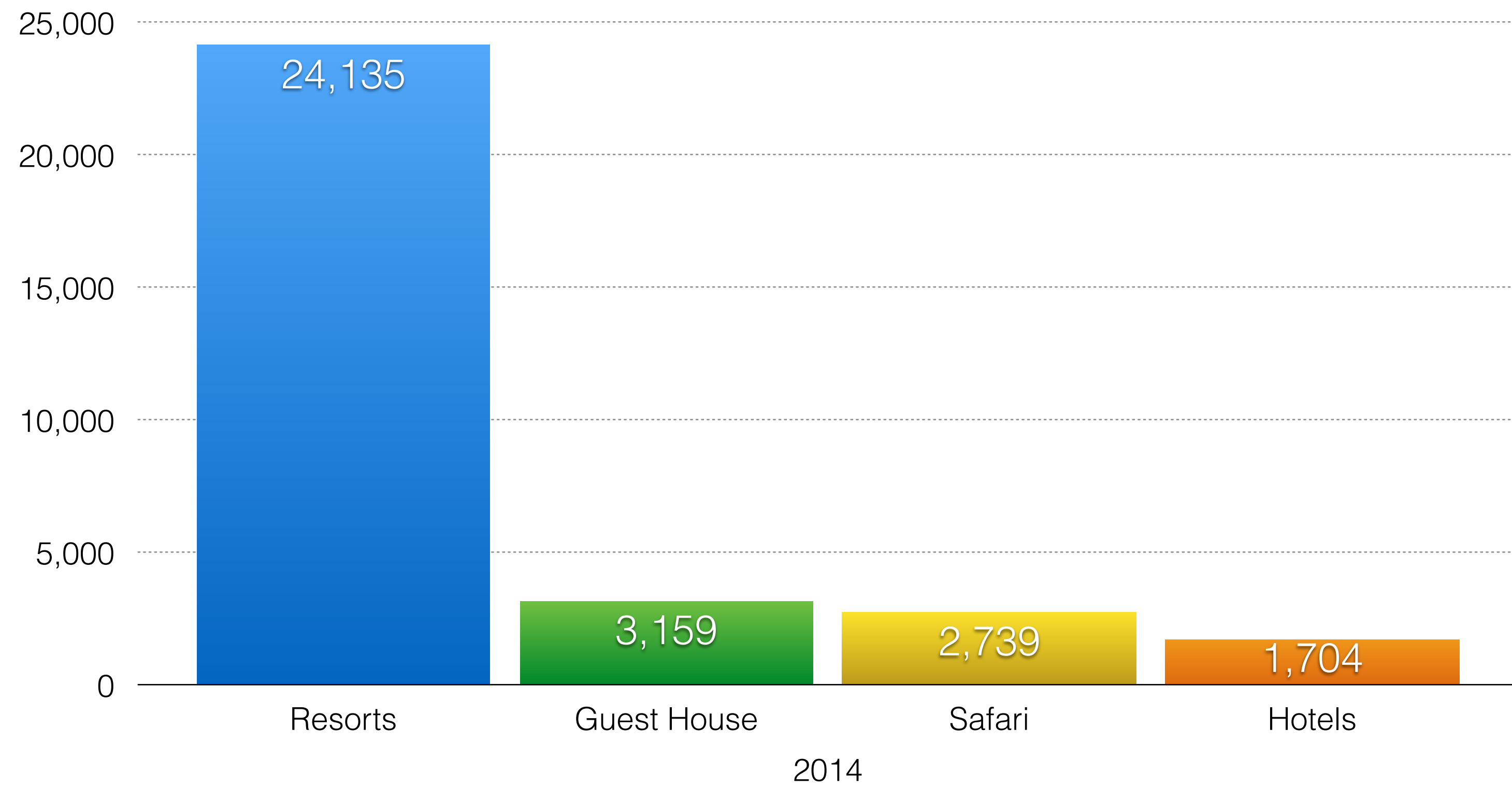
31,737 registered beds



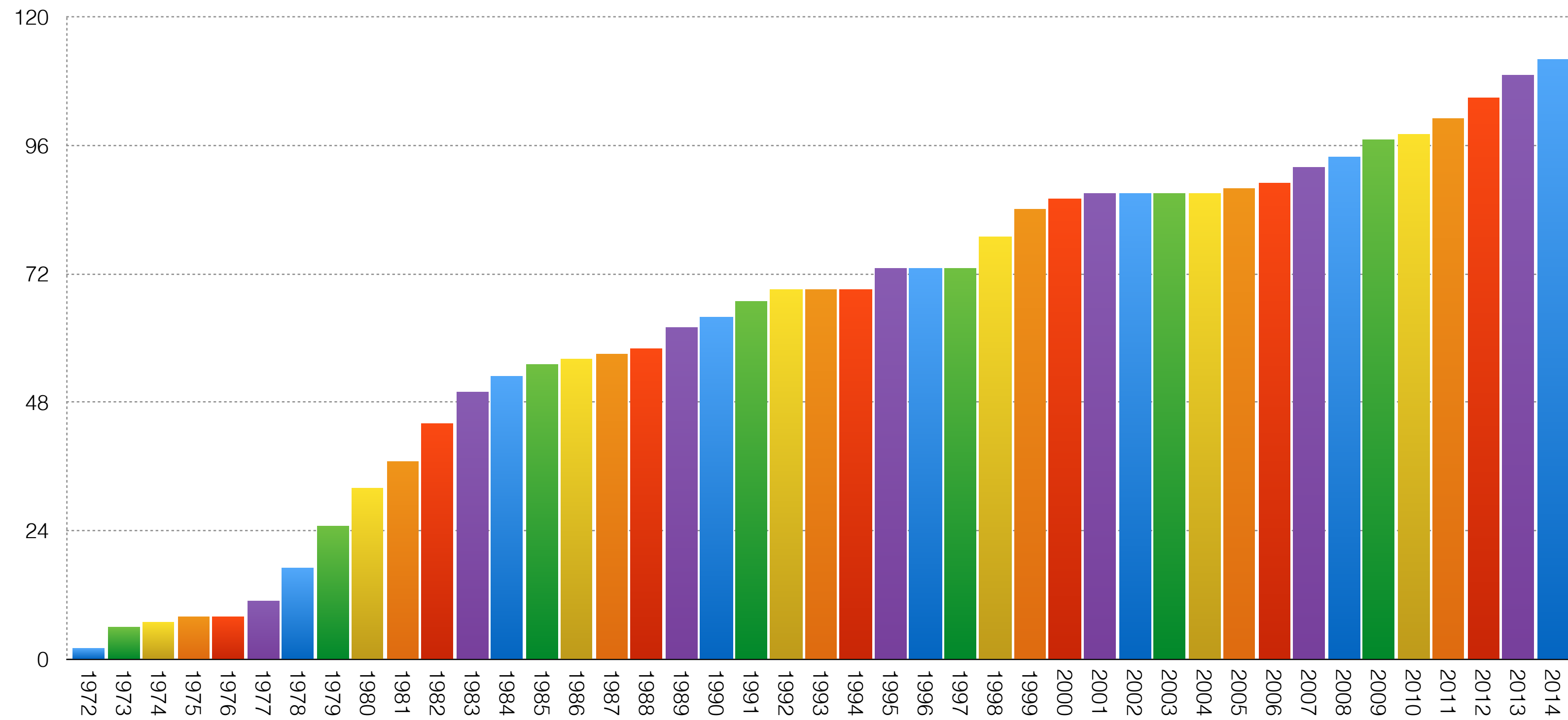
508 registered establishments



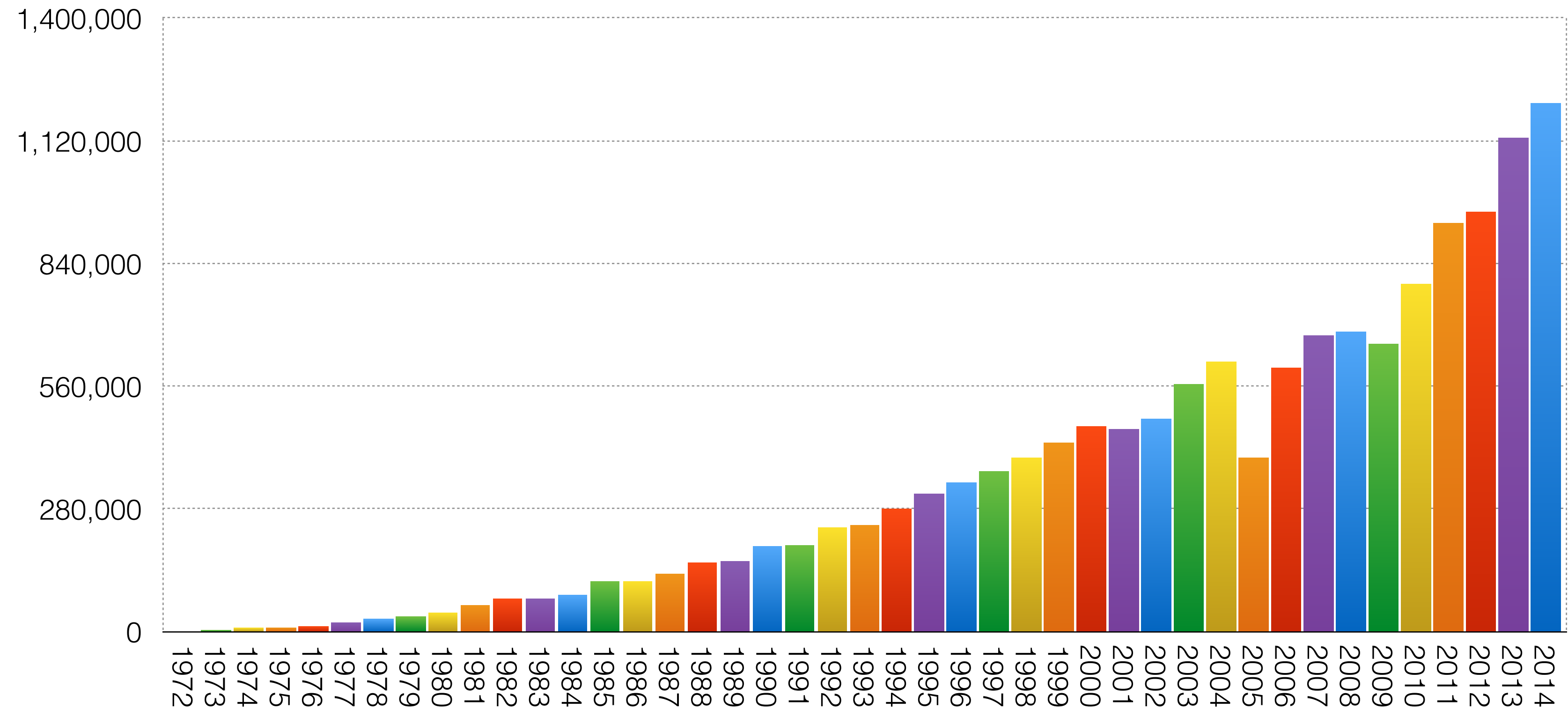
76% of registered beds are in resorts



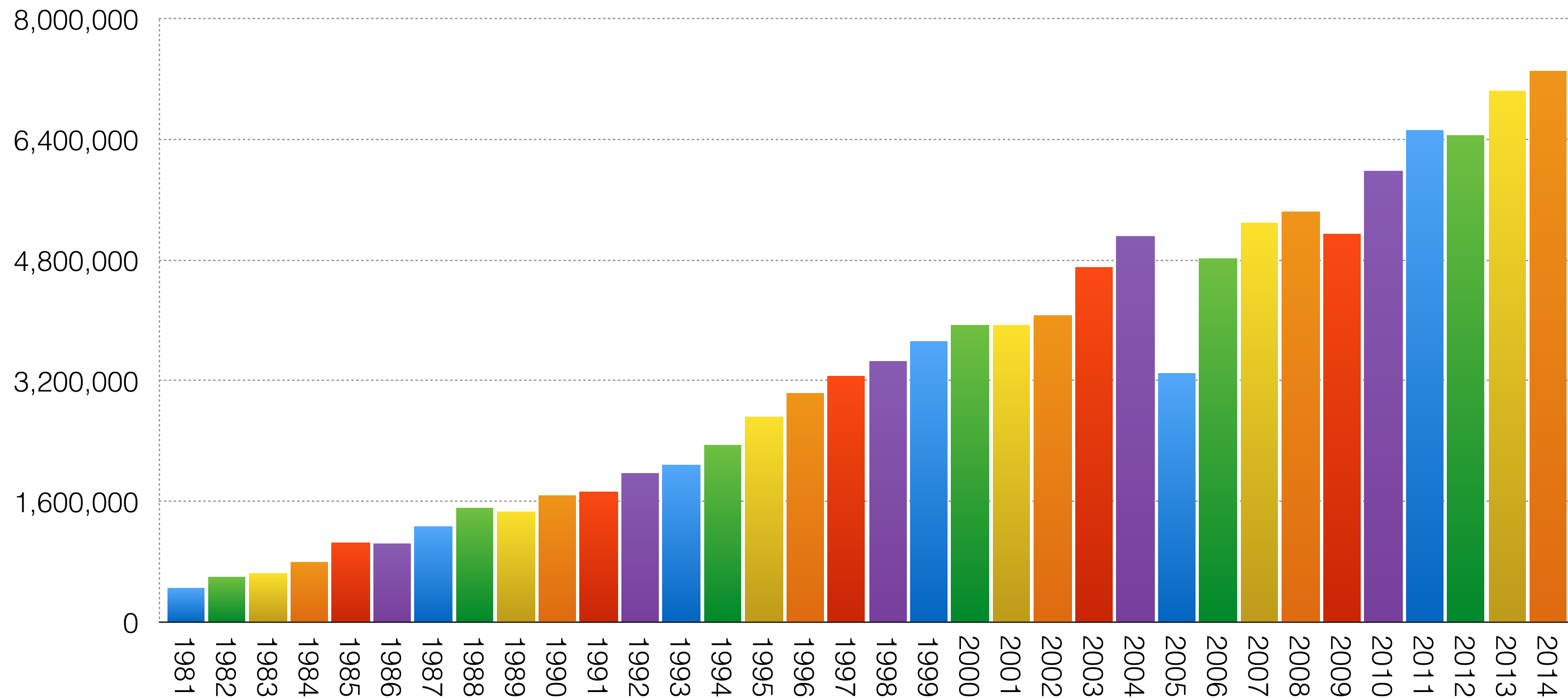
112 tourist resorts

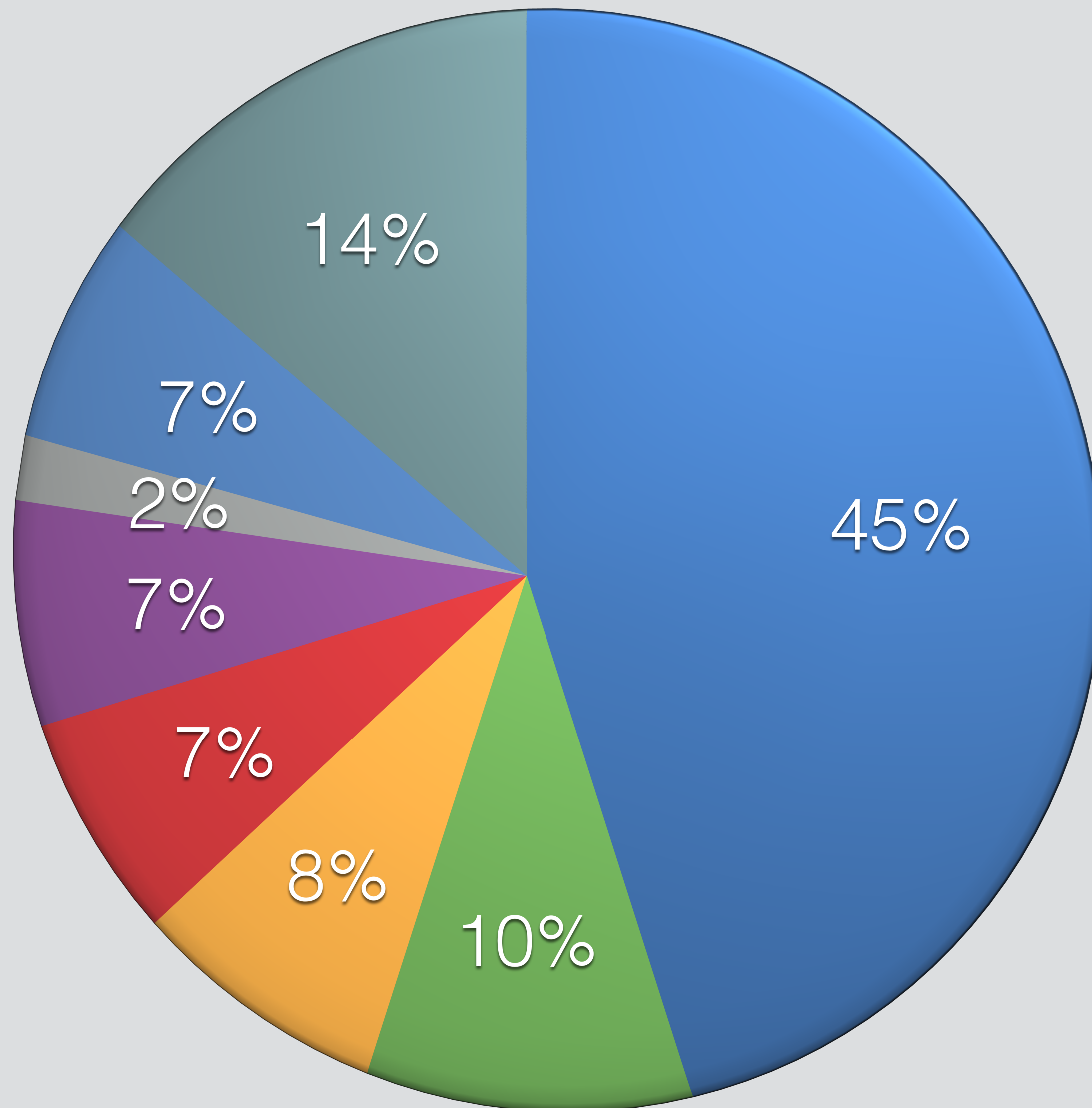


1.2 million arrivals in 2014



Total bed nights: 7,310,280

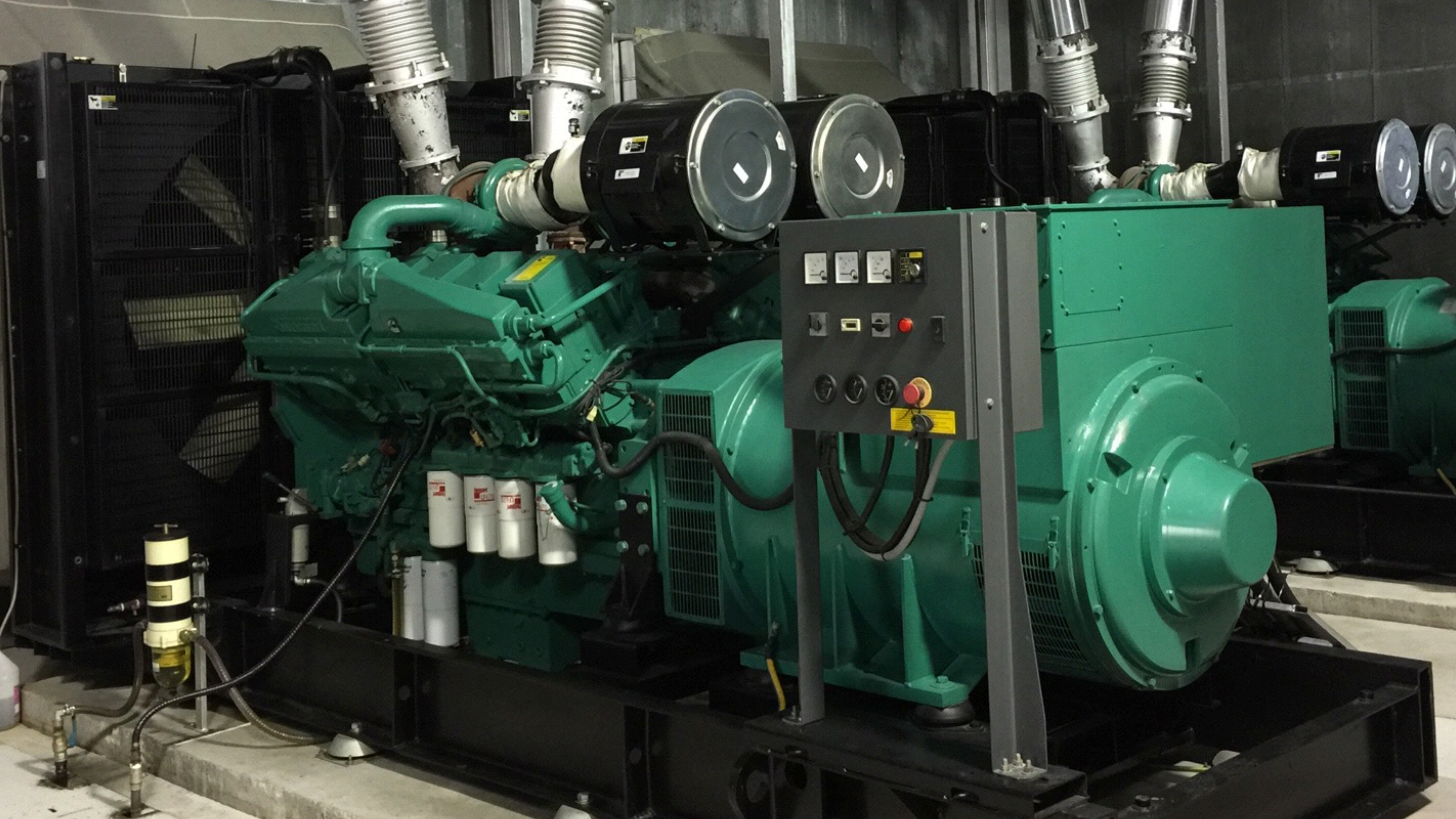




- Cooling
- Desalination
- Laundry
- Hot water
- Kitchen
- External lighting
- Guest rooms
- Others

P O T E N T I A L

I N I S L A N D R E S O R T S



25cents/kWh





23cents/kWh

20cents/kWh



IS SOLAR POSSIBLE?

GASFINOLHU CASE STUDY



S O L A R P V
S T A L L E D I N



OWERHOUSE,
BUILDINGS,



WALKWAY,
SEA SPORTS



A W A L K W A Y

FIAM10002
MAX GROSS 30.480 kg
67.196 lb
TARE 4.400 kg
9.700 lb
PAYLOAD 26.080 kg
57.497 lb

FIAMM
Energy Storage
Solutions

FIAM100002
22G2

2,9 iC
9 1/2 83

Powered by
SONICK
batteries



FIAMM
energy
spring



er Technologies and Development
www.fiamm-italy.com

O F S O D I U M
B A T T E R Y



GENERATOR
BACKUP (2 X)



ELECTRICITY
IONIS TO



USED AIR
ING USING

SEOSMOSIS
ION PLANTS
CAPACITY OF



Challenges - Potential

- Existing high investments in power generation
- Space constraints - staff area building roof strength
- Confidence on third party purchase
- Size of diesel generators
- Capacity and demand growth mismatch

Challenges - Potential

- Access to finance
- Seasonality factor
- Owner investment vs operator
- Carbon credit
- Tax offset

Opportunities

- New resorts - design, energy efficiency, renewable hybrid power
- Existing resorts - step by step / components
- Information exchange







NO. Plant No.
2

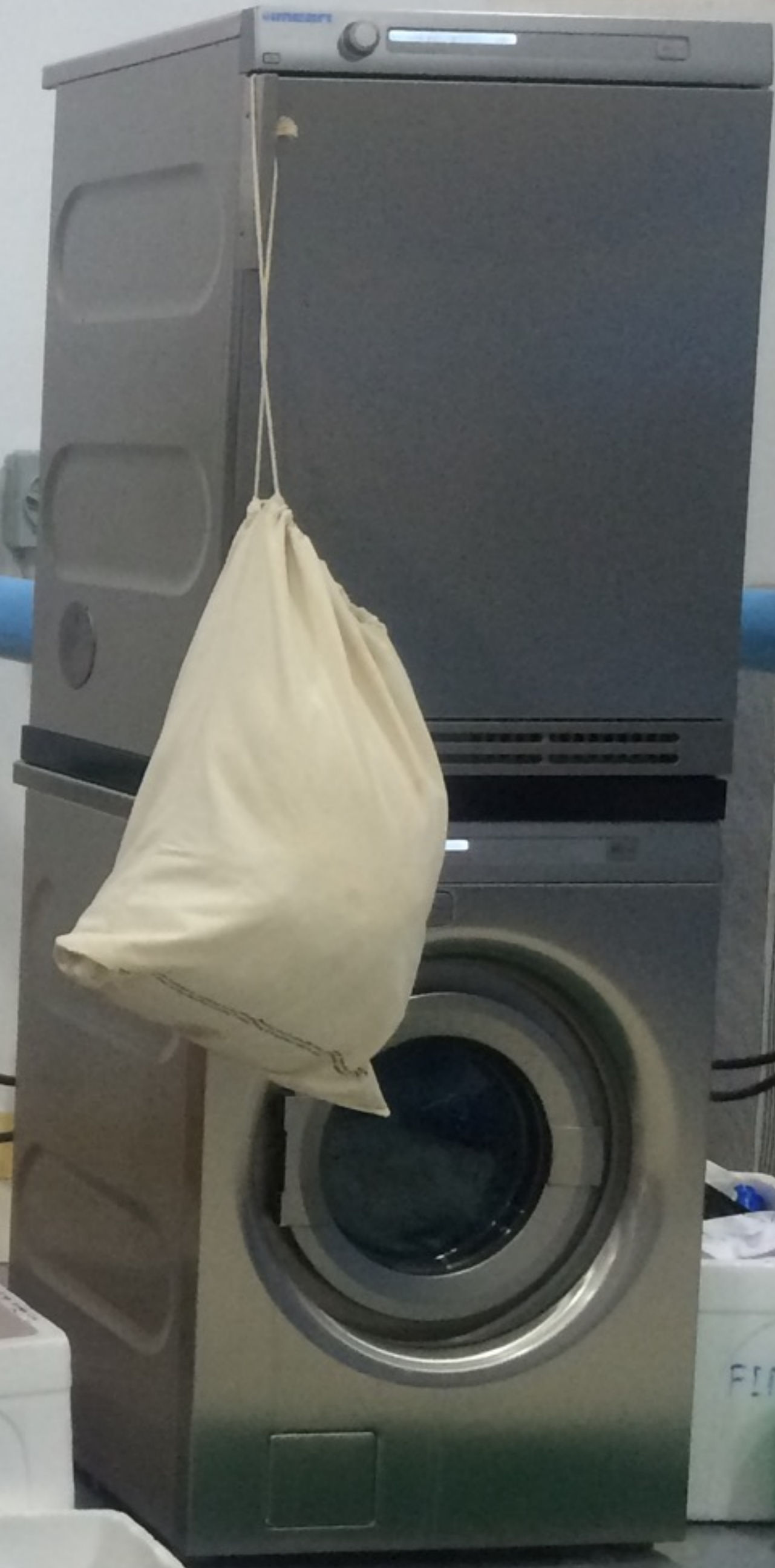
FLOCCULANT
PRODUCT
TD-FLOC 7035M

PROTECTED AND LOCKED UNIT
GSM EQUIPPED
MESA

EMERGENCY
STOP



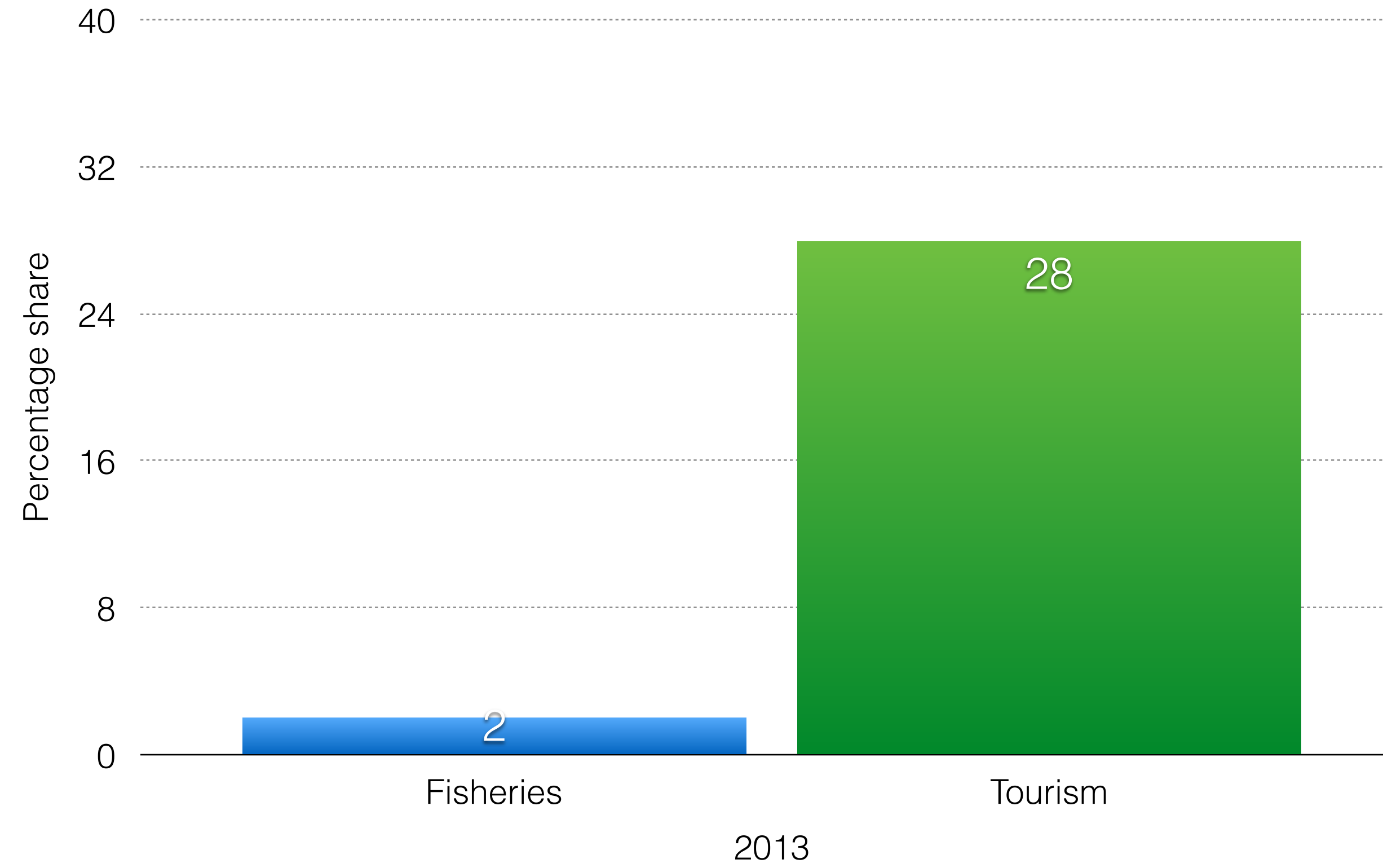
RODAS
EcoStar



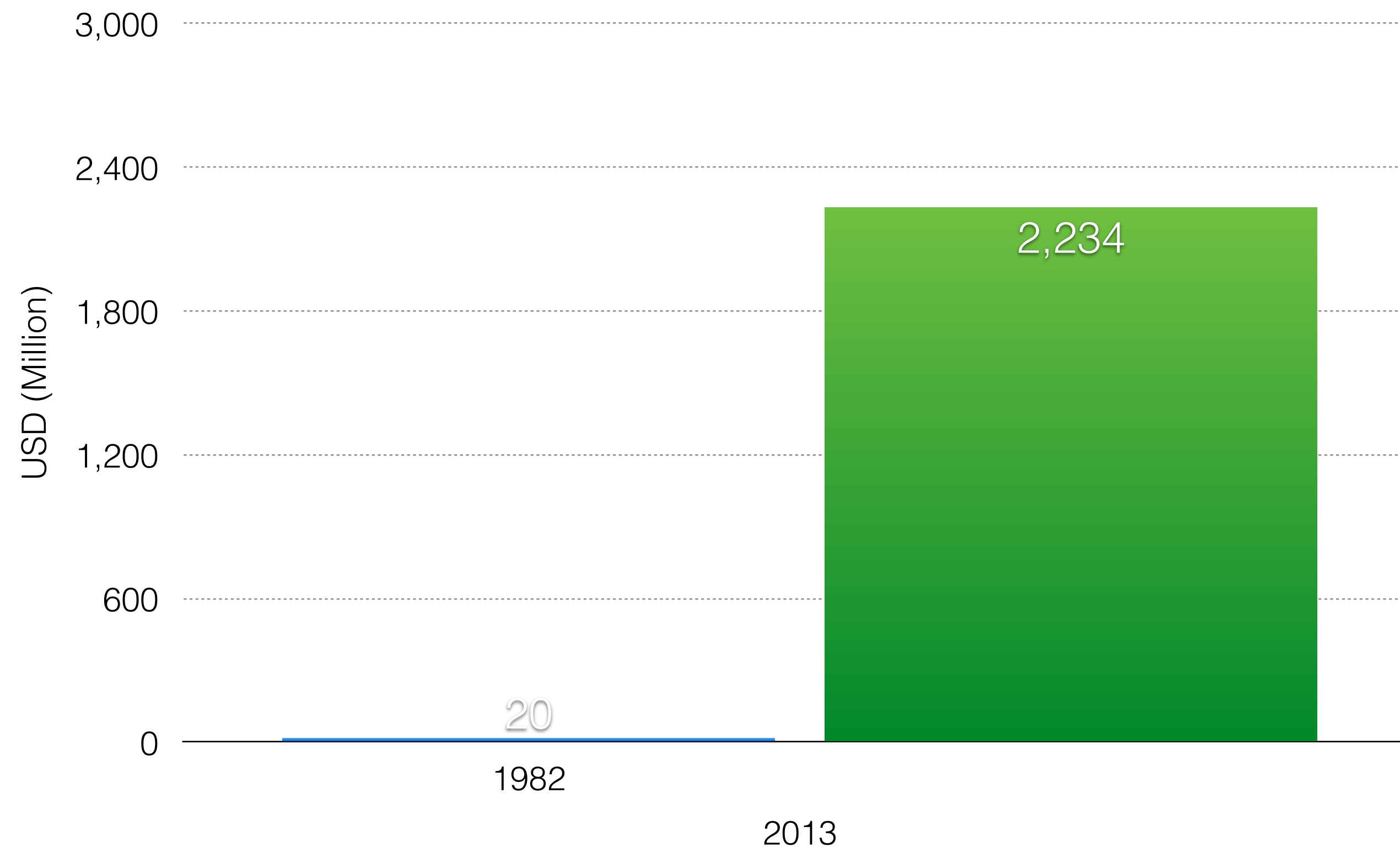
FIN #



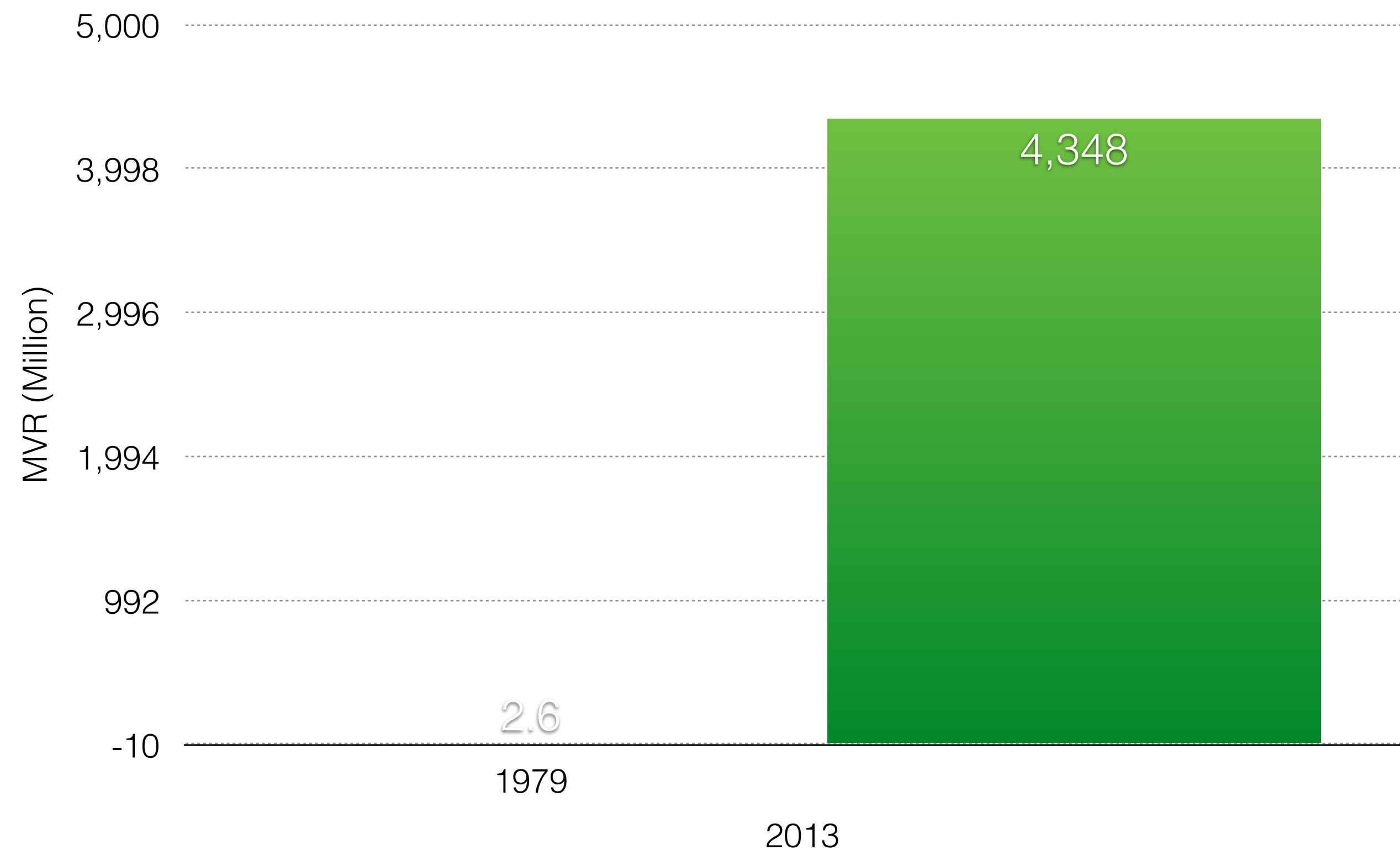
Contribution to GDP



Receipts



Tourism Revenue



T H A N K Y O U



simad@cde.com.mv,
nashiya@cde.com.mv

