



# 2012 California Exports of Recyclable Materials

Presented by Larry Stephens  
At the CalRecycle Public Meeting  
July 16, 2013  
Byron Sher Auditorium  
10:00-1:00

# Purpose – Recyclable Exports

- How significant to economy?
- What do we export?
- Where do the materials go?
- What are the trends?

# Topics

## ➤ Methods

## ➤ Results:

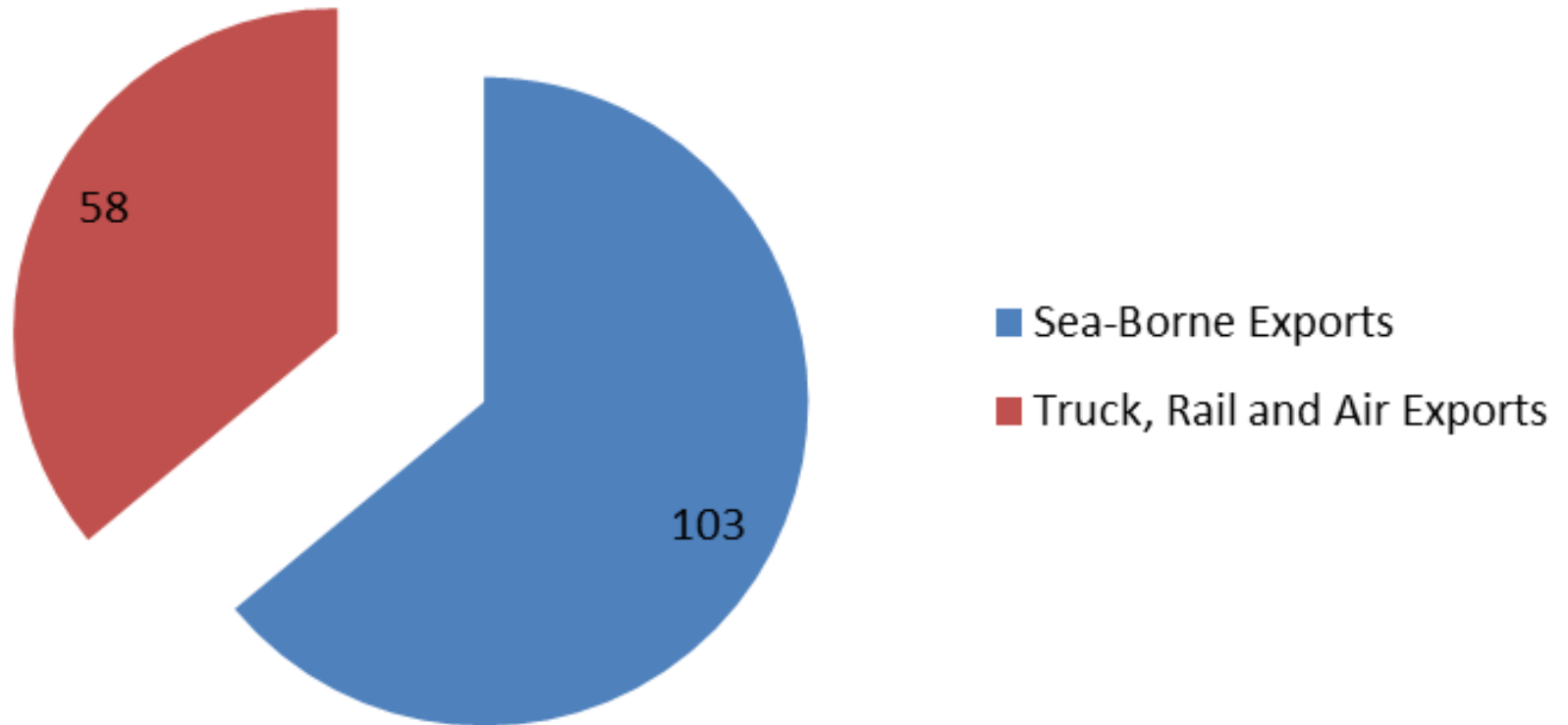
1. 2012 overview
2. Details for big ticket materials
3. Trends

## ➤ Conclusions

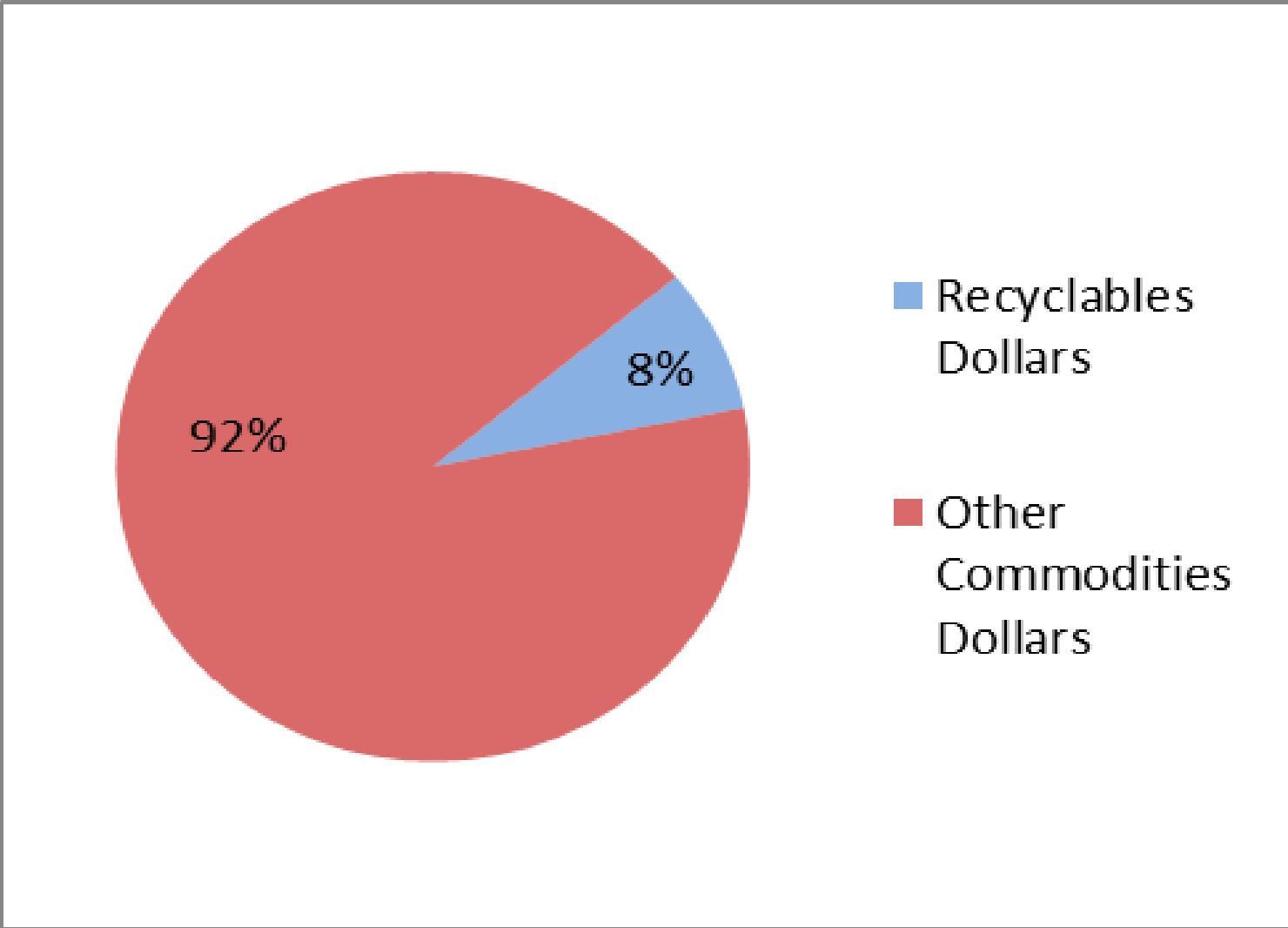
# Methods

- Data from Wiser LLC. & their WiserTrade database ([www.wisertrade.org](http://www.wisertrade.org))
- Focus on Sea-Borne Exports
- Harmonized System Codes & Groups
- Recyclable materials

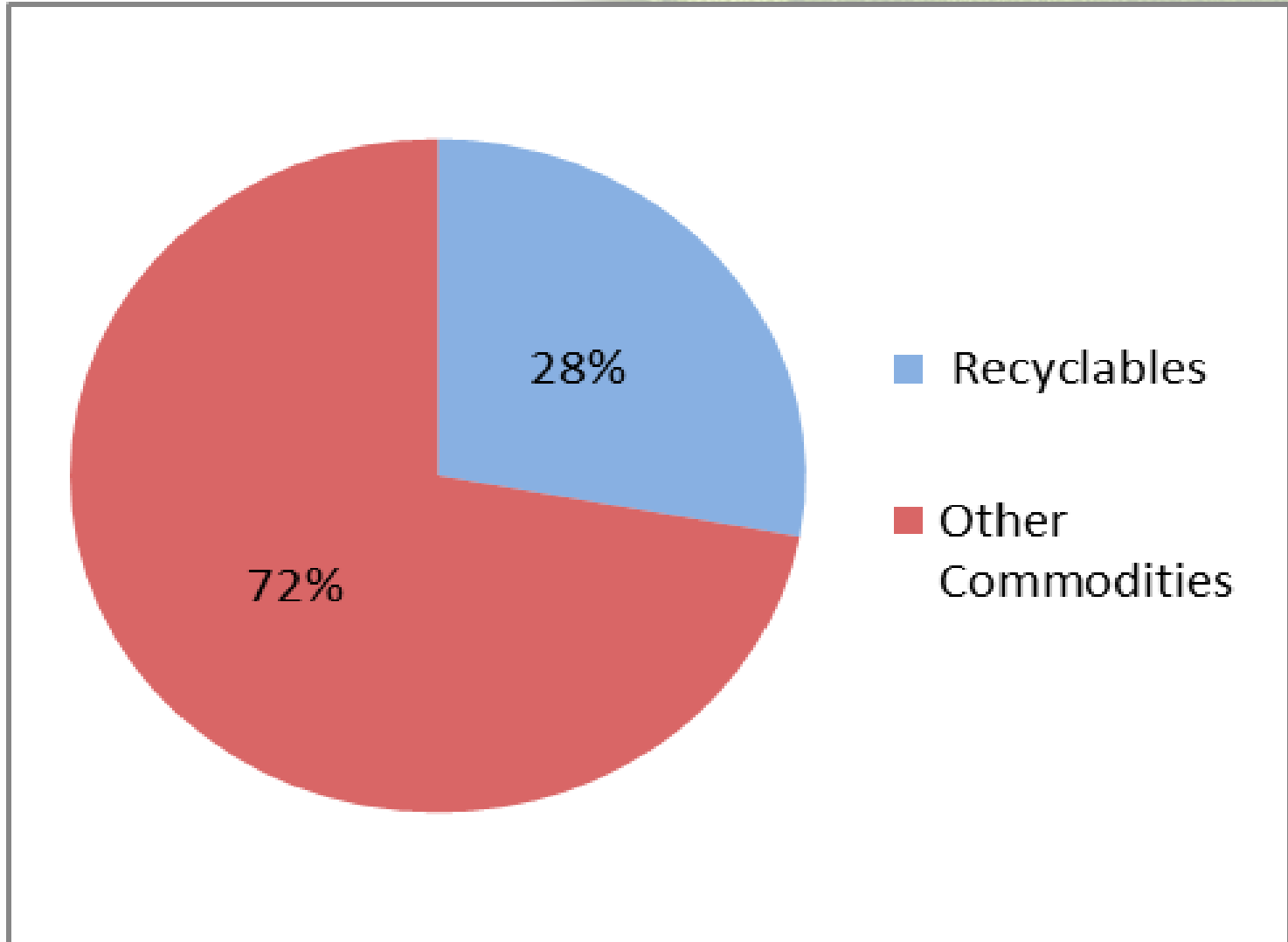
# Overall 2012 CA Exports Value (Total Value = \$161 Billion)



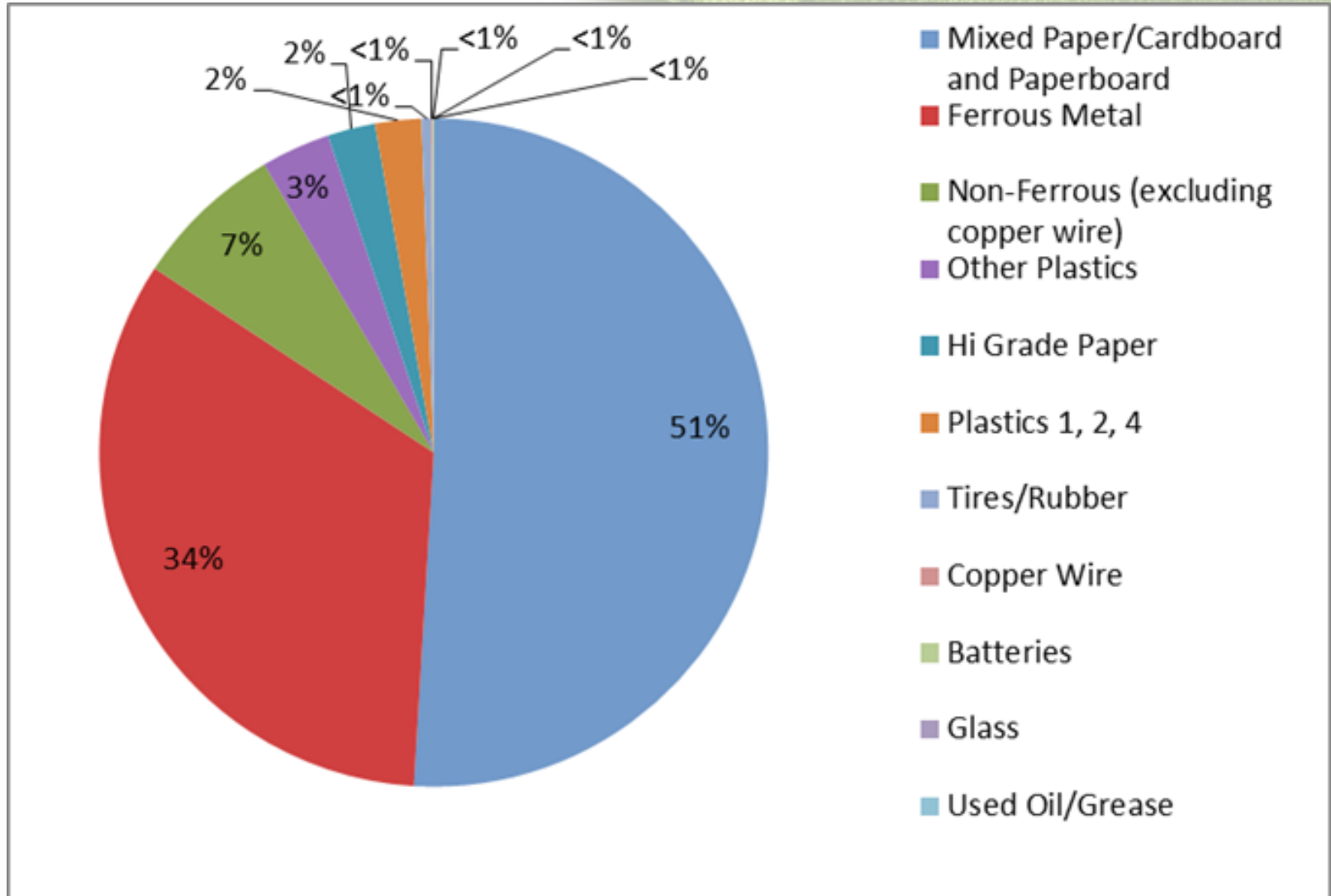
# 2012 CA Sea-Borne Exports Value (Total \$ Value = \$103 Billion)



# 2012 CA Sea-Borne Exports Tonnage (Total Tons = 71 Million Tons)

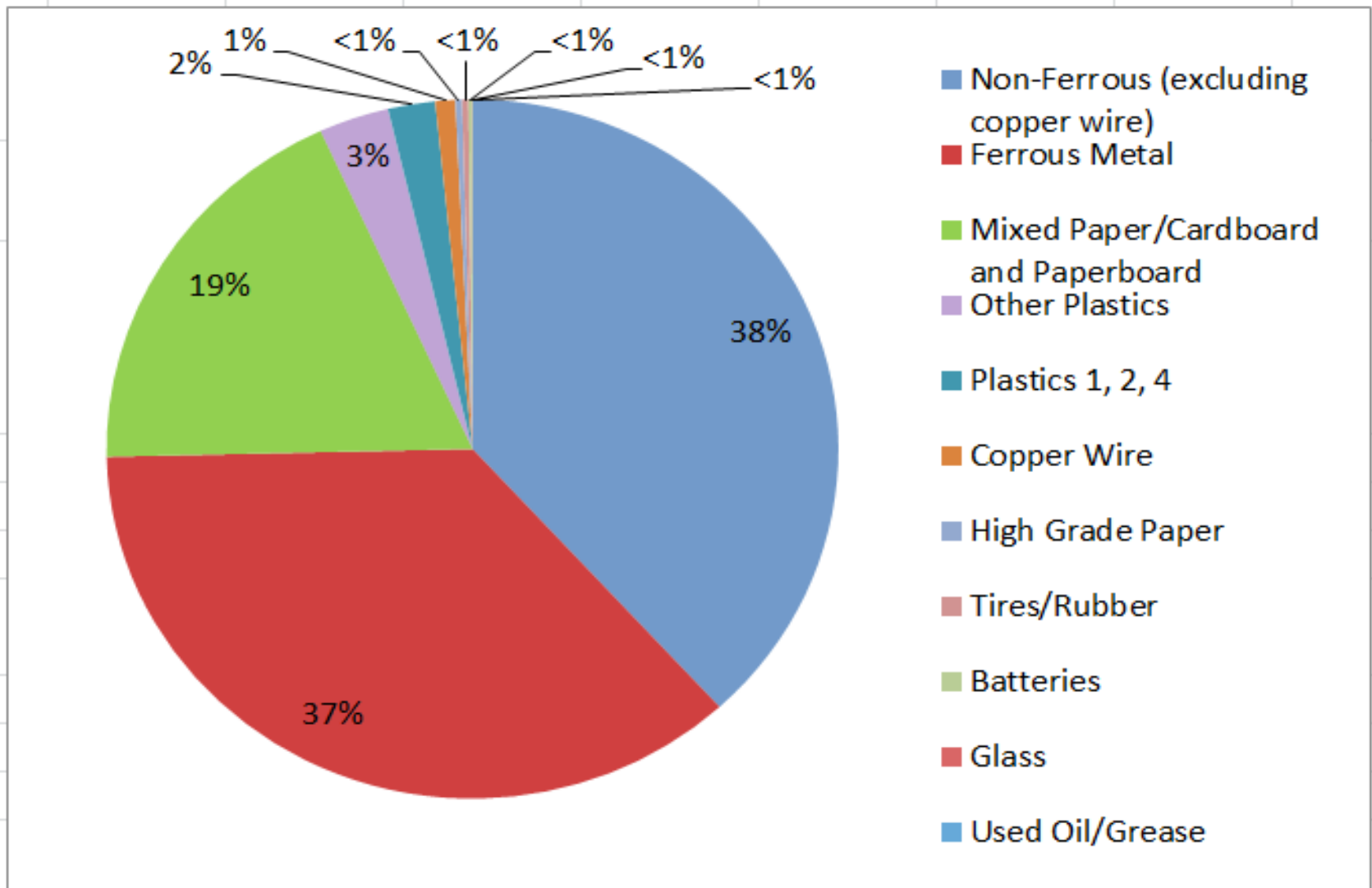


# 2012 CA Recyclable Exports Tonnage (Total Tons = 20 Million Tons)

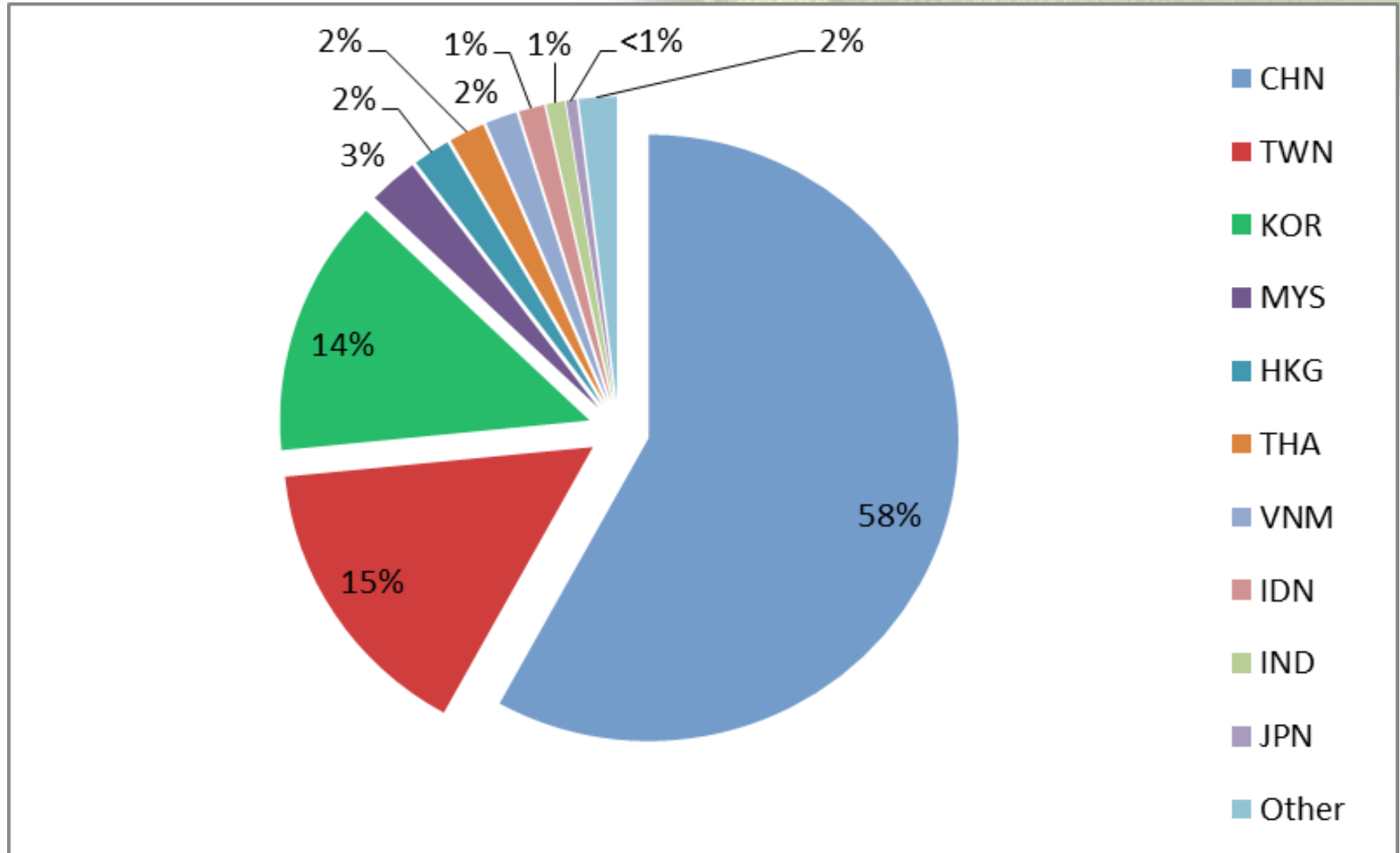




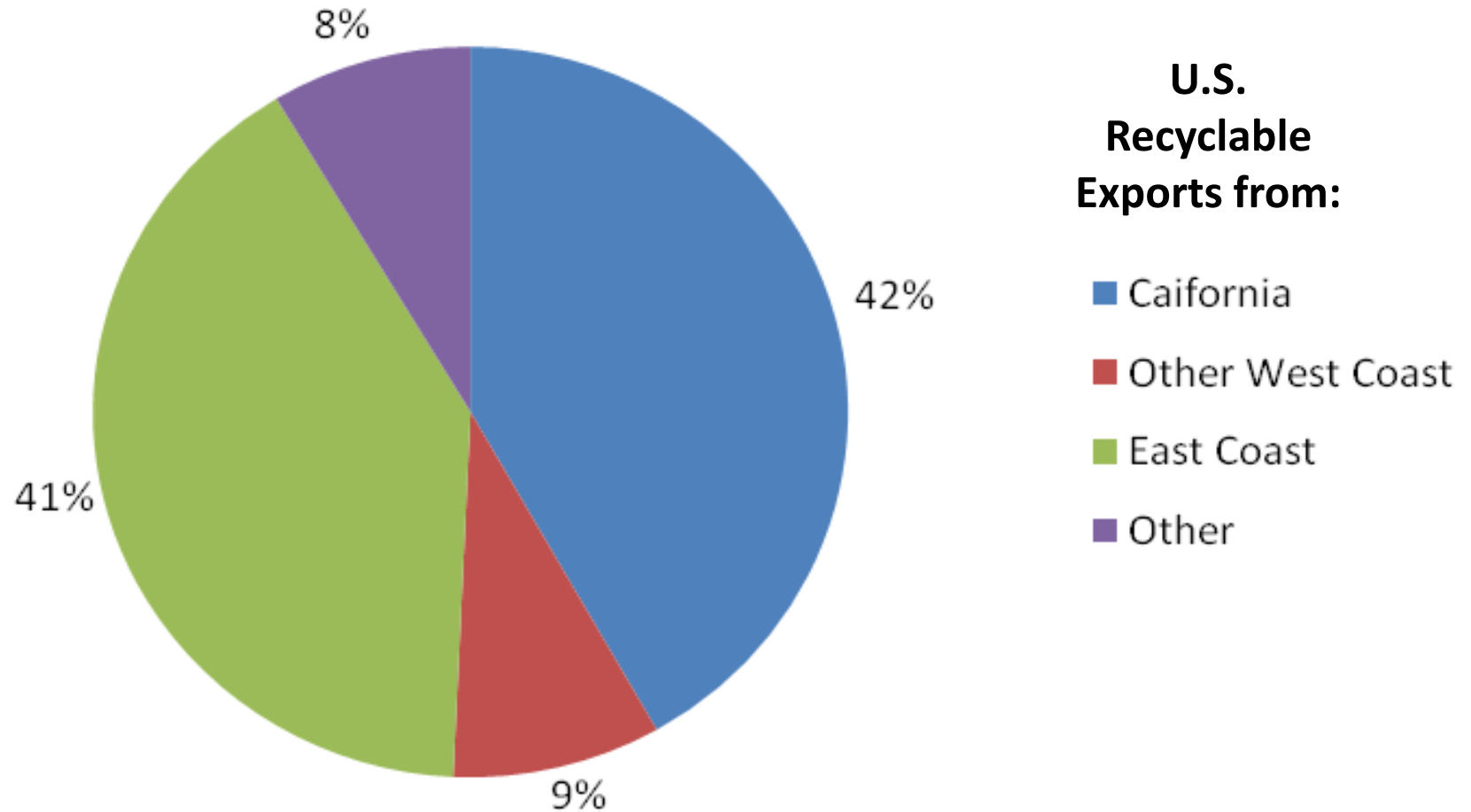
# 2012 CA Recyclable Exports Value (Total \$ Value = \$8 Billion)



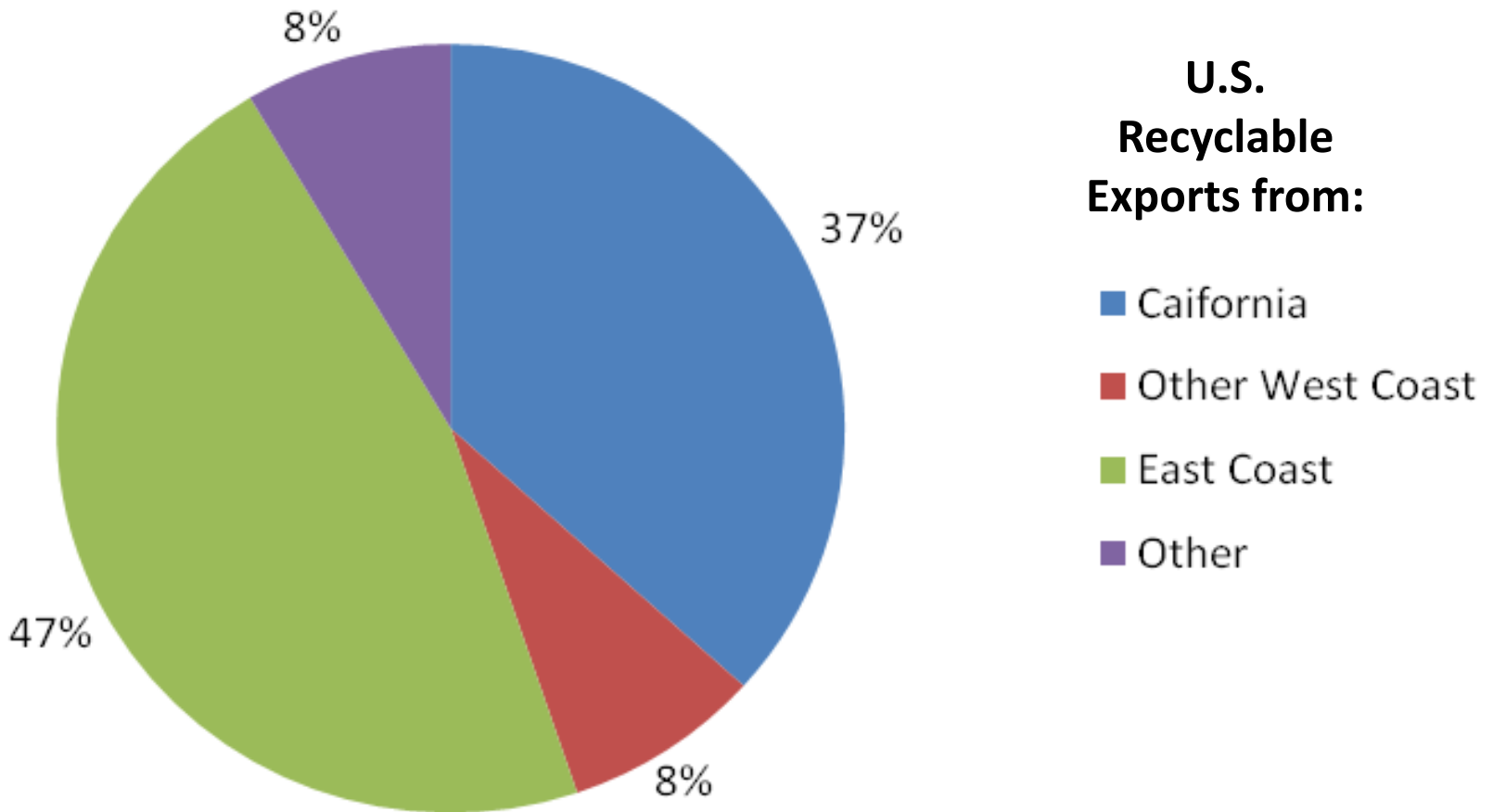
# 2012 CA Recyclable Exports Destinations (Total Tons = 20 Million Tons)



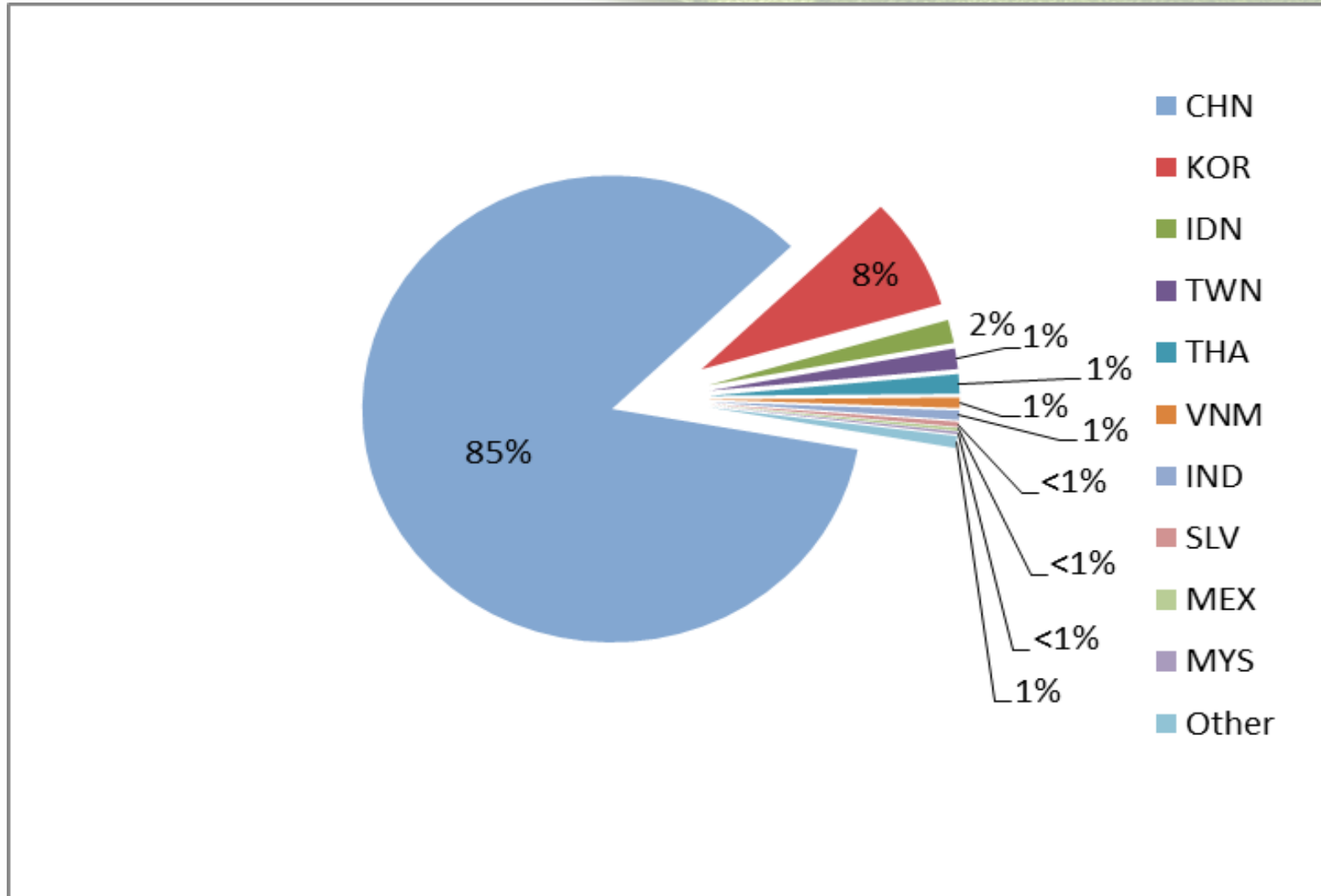
# 2012 U.S. Sea-Borne Recyclable Exports (Total Tons = 47 Million Tons)



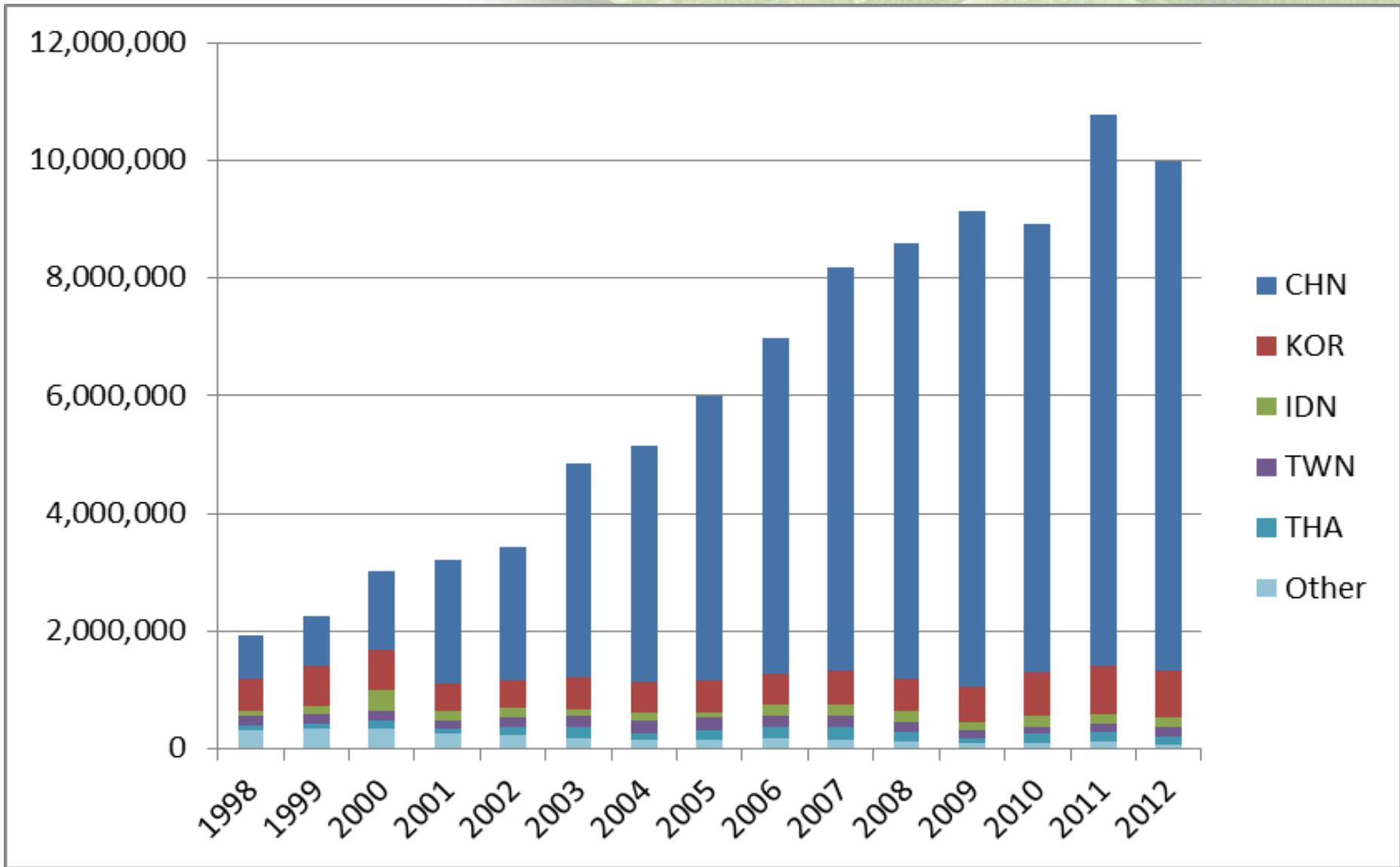
# 2012 U.S. Sea-Borne Recyclable Exports (Total \$ Value = \$22 Billion)



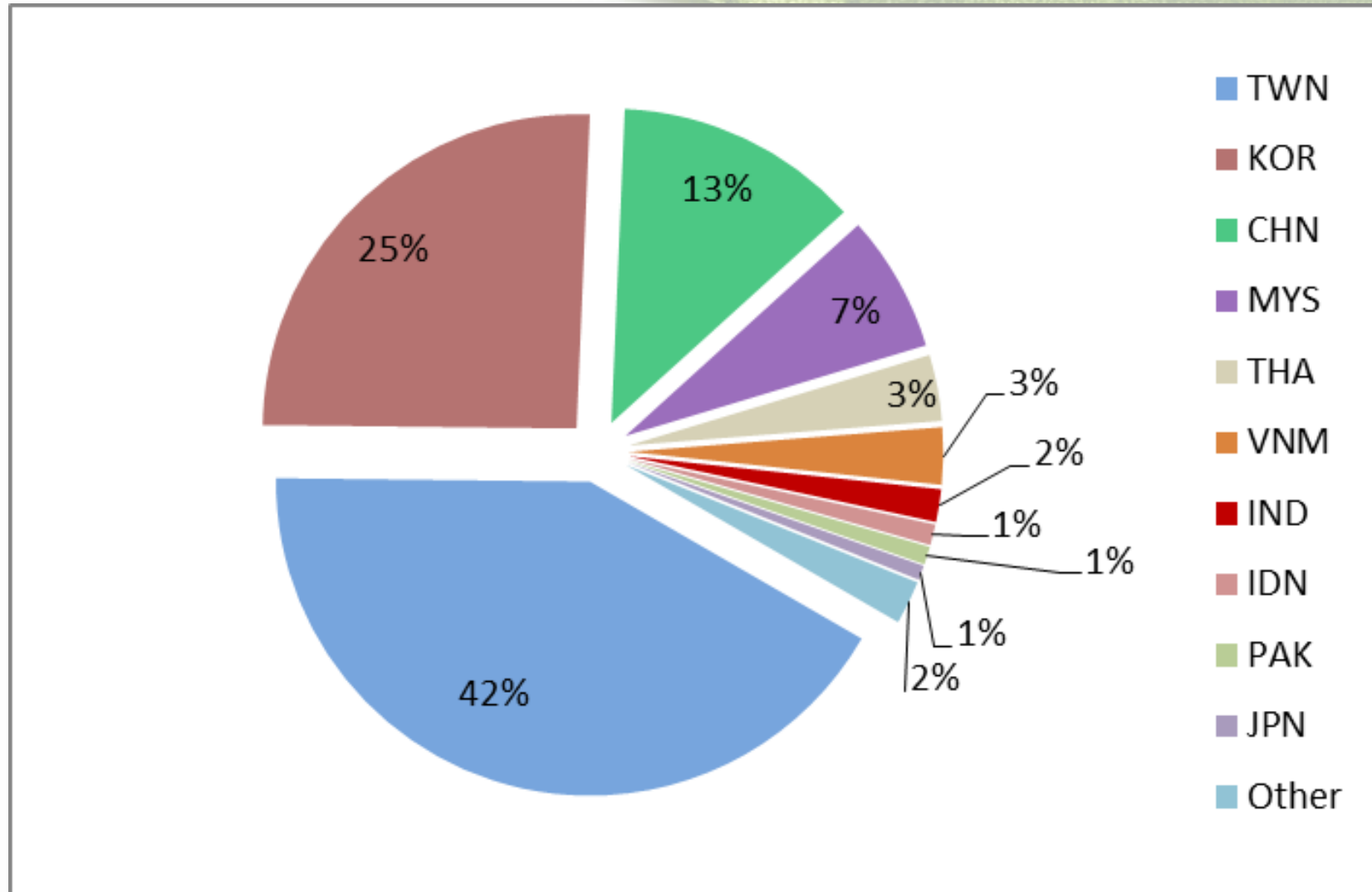
# 2012 CA Mixed Paper Exports to Country (Total Tons = 10 Million Tons)



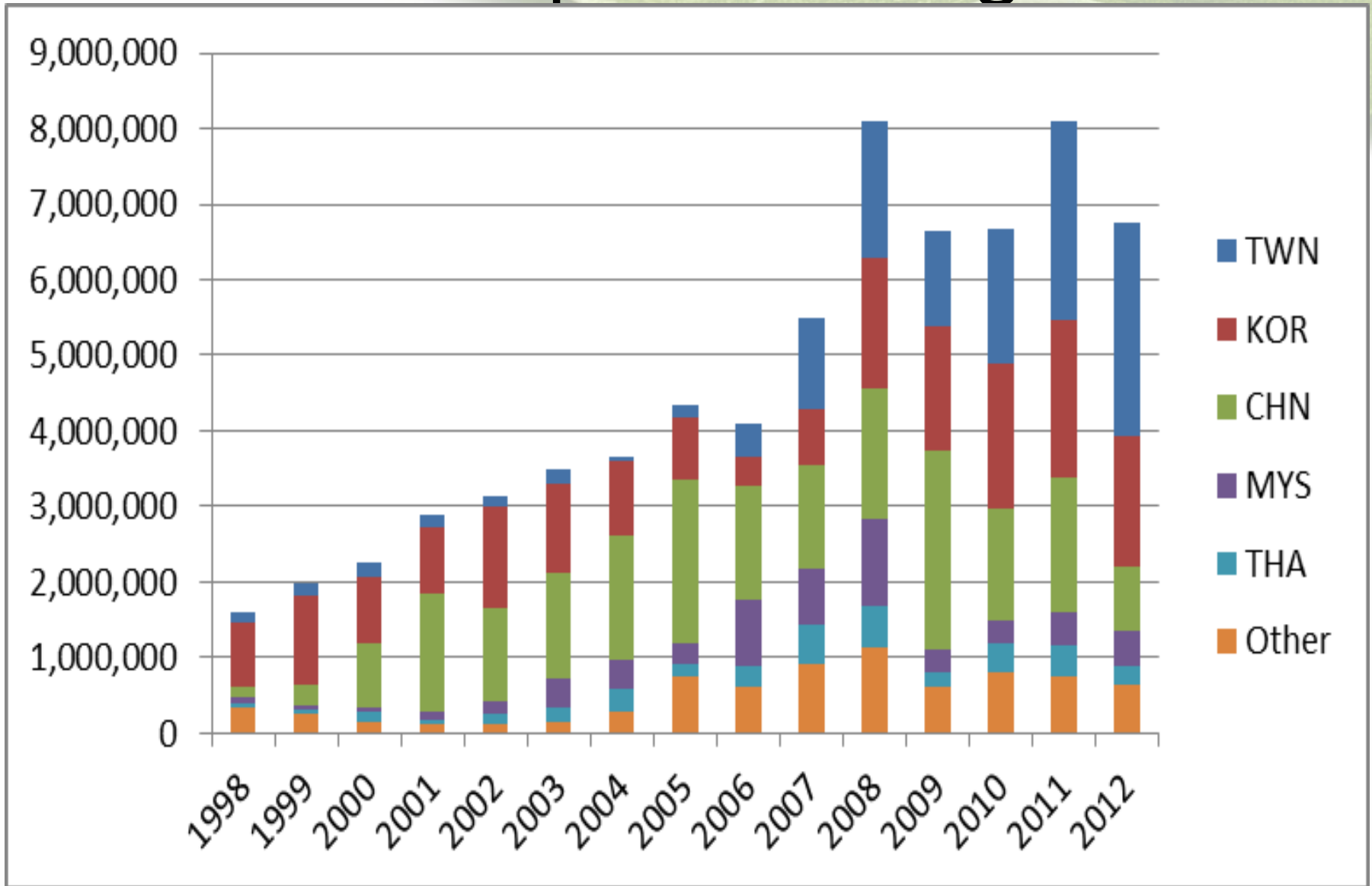
# CA Mixed Paper Exports Tonnage Trends



# 2012 CA Ferrous Exports to Country (Total Tons = 6.7 Million Tons)

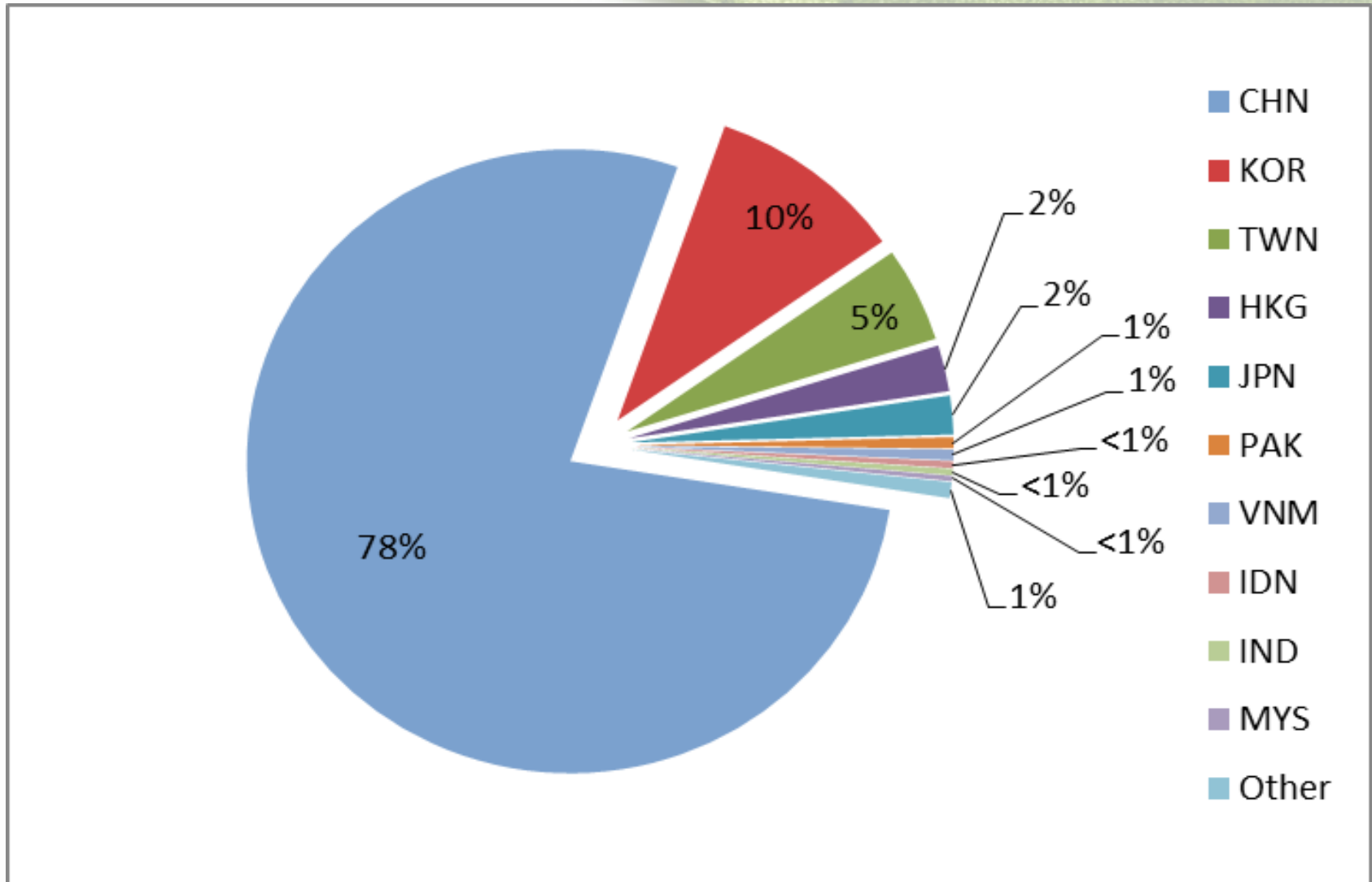


# CA Ferrous Exports Tonnage Trends

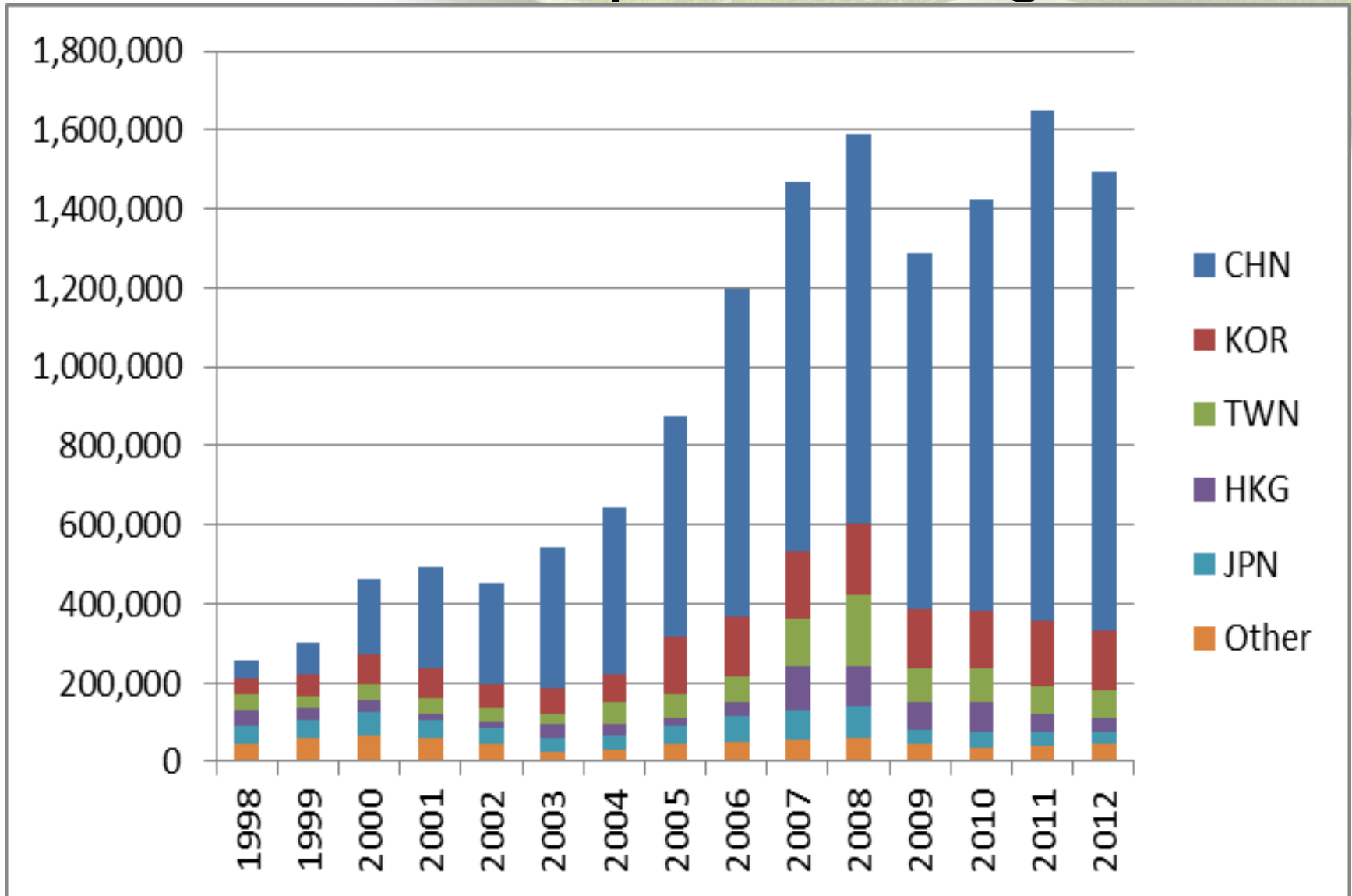




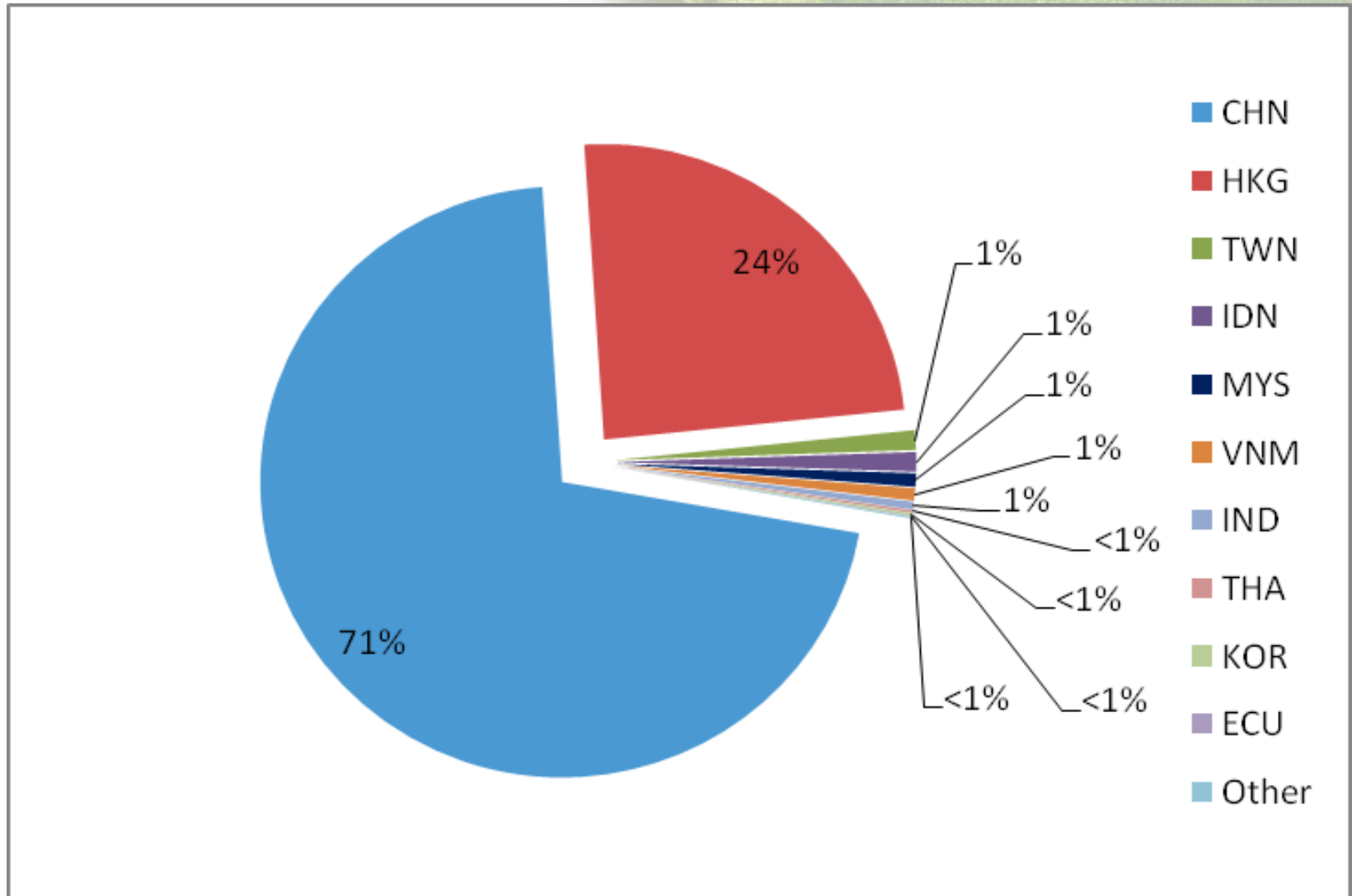
# 2012 CA Non-Ferrous Exports to Country (Total Tons = 1.5 Million Tons)



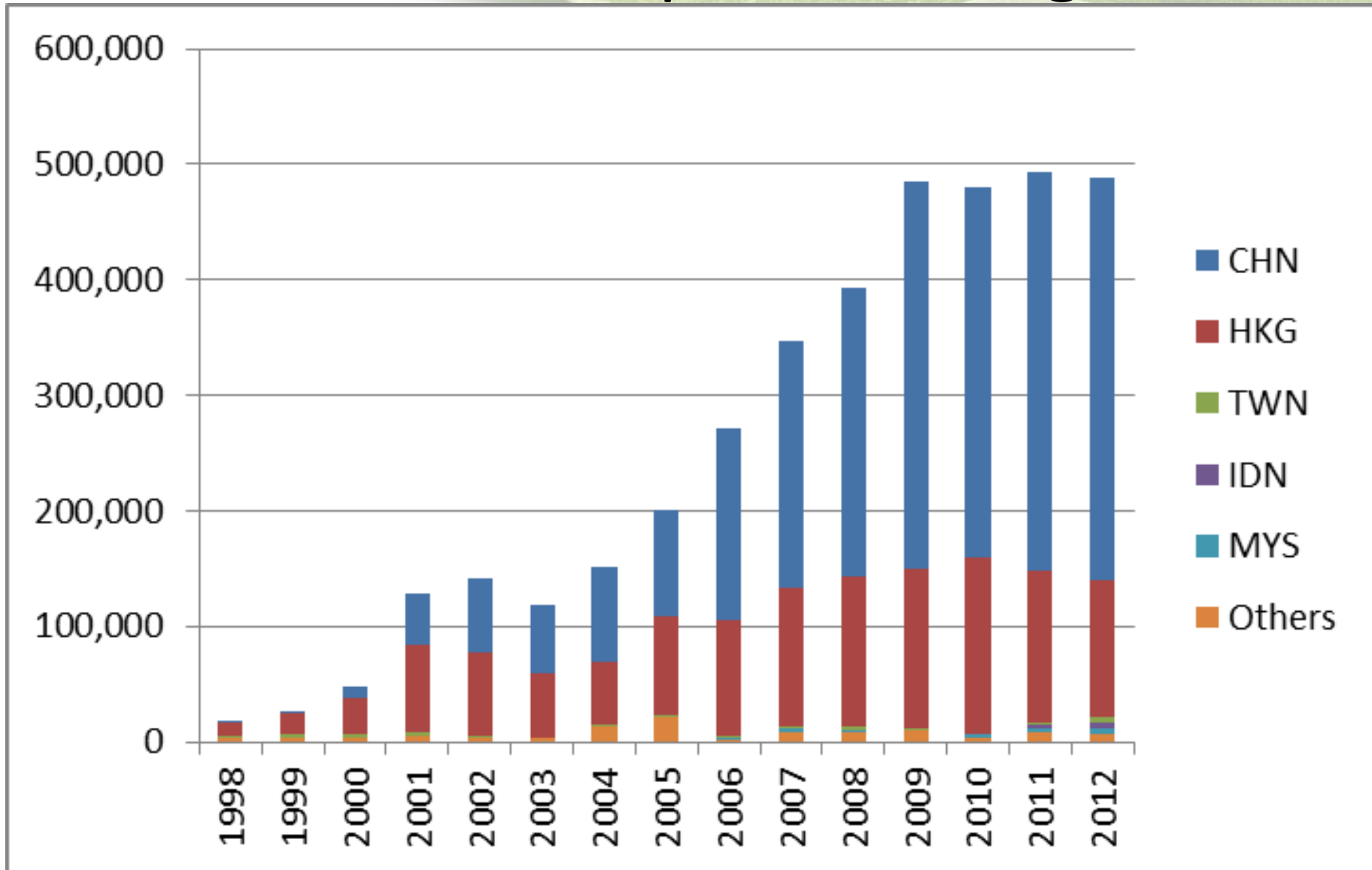
# CA Non-Ferrous Exports Tonnage Trends



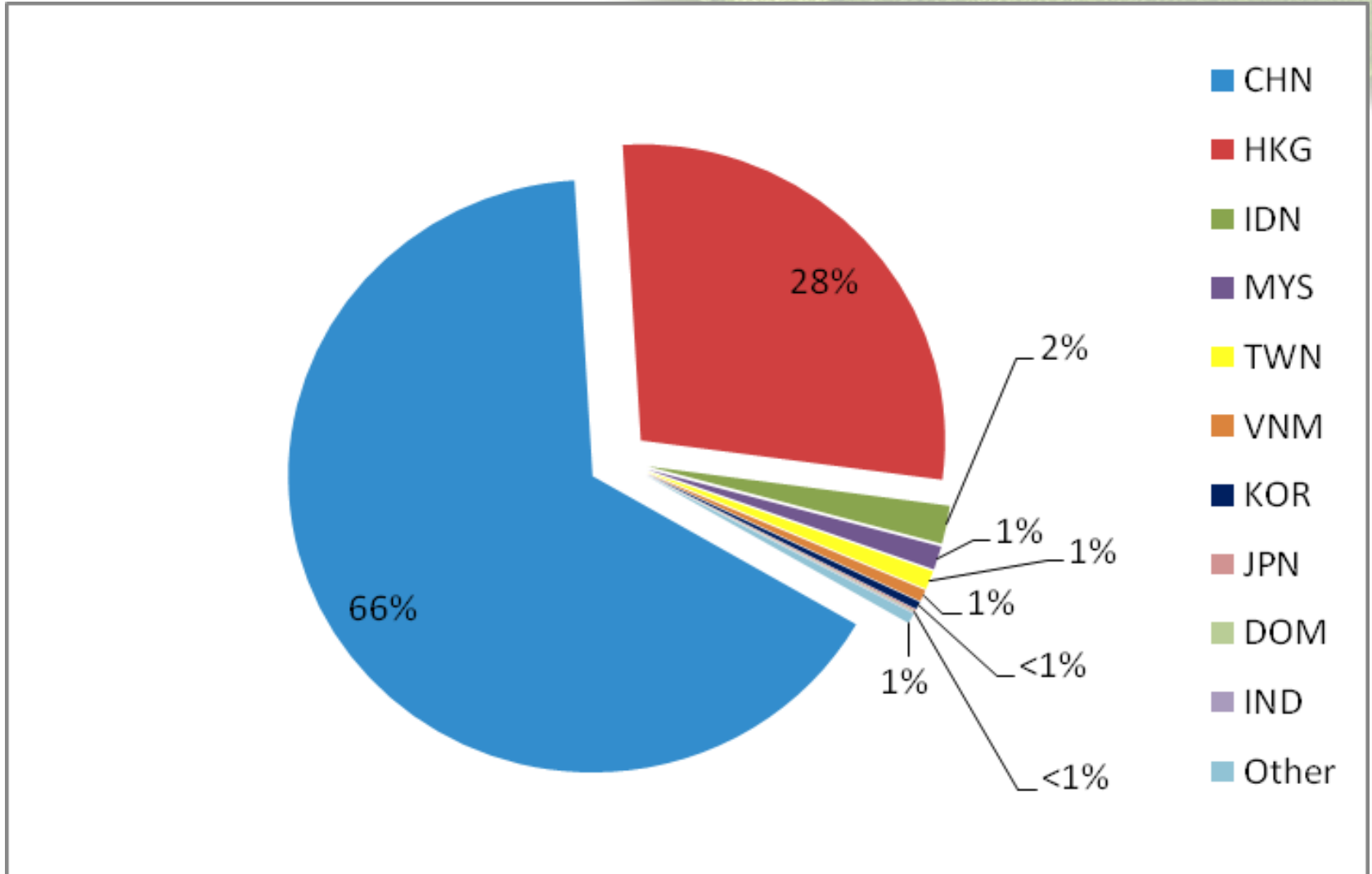
# 2012 CA Plastics 1, 2, 4 Exports to Country (Total Tons = 488 Thousand Tons)



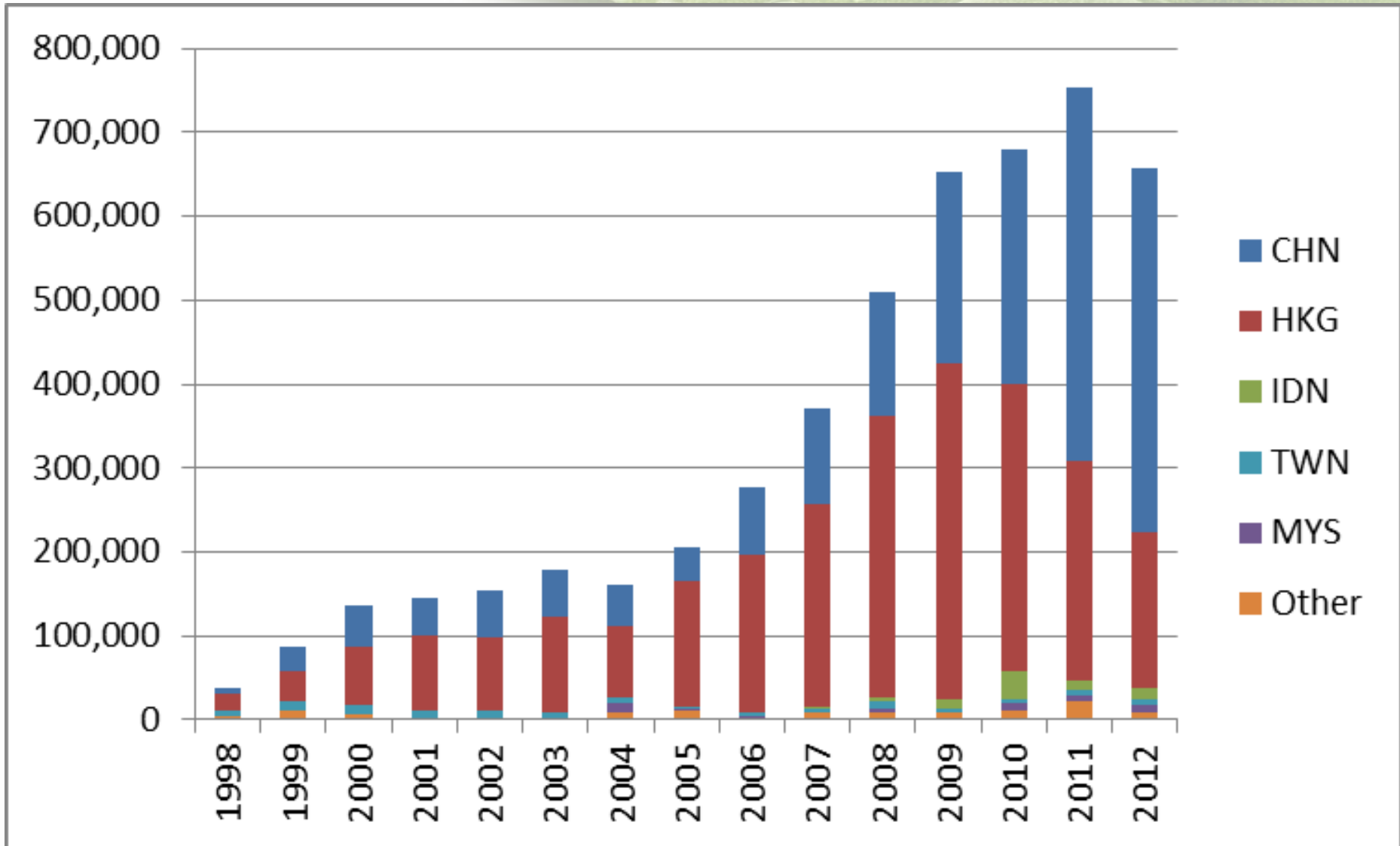
# CA Plastics 1, 2, 4 Exports Tonnage Trends



# 2012 CA Other Plastics Exports to Country (Total Tons = 658 Thousand Tons)



# CA Other Plastics Exports Tonnage Trends



# CA Exports to China in 1<sup>st</sup> Four Months of 2013

- China = biggest exports market
- Declines from 2011 to 2012.
- Declines in early 2013 data.
- Steep decline in other plastics exports.
- Impact of Operation Green Fence?

# Conclusions

- 20 million tons exported
- Not enough CA capacity
- Vulnerable to export market changes
- Benefits from in-state recycling



# Tracking Exports

## ➤ Additional questions:

- Reality check?
- California's contribution?
- Monitoring rail and truck exports?
- End uses of exported materials?



# Questions?

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Knowledge Integration Section

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