Average American consumes
~215 bottles of water per year
Voxxi.com

Let’s assume…0.1% lost.
Voxxi.com

67,500,000 bottle caps
Voxxi.com

CONVENIENT TRASH:

ON THE GO, ON THE BEACH, IN THE OCEAN.

Nicholas Mallos
Conservation Biologist, Marine Debris Specialist

Food and Beverage Trash

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Historical Global Top 10 Trash Items

Rank	Trash item	Count	Percent of Total
1	Cigarettes/cigarette filters	56,861,140	30.3%
2	Food wrappers/containers	16,838,498	9.0%
3	Caps/lids	15,665,943	8.3%
4	Plastic beverage bottles	11,674,233	6.2%
5	Cups, plates and utensils	11,508,483	6.1%
6	Plastic bags	9,806,905	5.2%
7	Glass beverage bottles	8,077,243	4.3%
8	Beverage cans	7,531,372	4.0%
9	Straws/stirrers	7,338,126	3.9%
10	Rope	3,692,375	2.0%
Total Trash Items: 187,886,908			**79.3%**

41.8% → Food and Beverage Trash

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Virginia 5-year Top 10 Trash Items

Rank	Trash item	Count	Percent of Total
1	Cigarettes/cigarette filters	81,876	13.6%
2	Plastic beverage bottles	80,135	13.3%
3	Food wrappers/containers	76,205	12.6%
4	Plastic bags	63,328	10.5%
5	Beverage cans	55,472	9.2%
6	Cups, plates and utensils	49,575	8.2%
7	Glass beverage bottles	45,623	7.6%
8	Caps/Lids	34,203	5.7%
9	Straws/Stirrers	15,603	2.6%
10	Tires	12,835	2.1%
Total Trash Items: 602,802			**85.4%**

69.7% → Food and Beverage Trash

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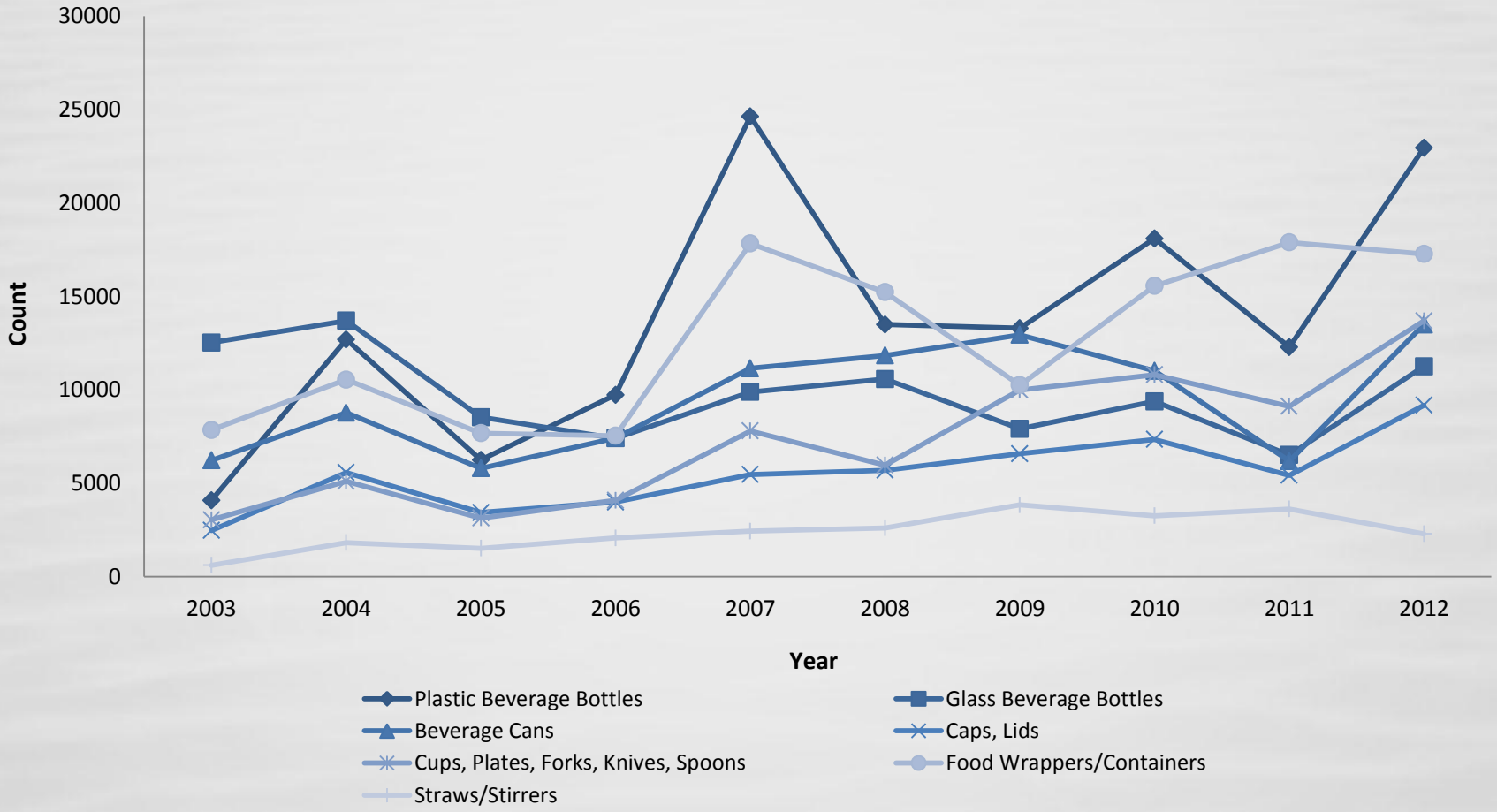
VA Food/Beverage: 10 Years of Trash



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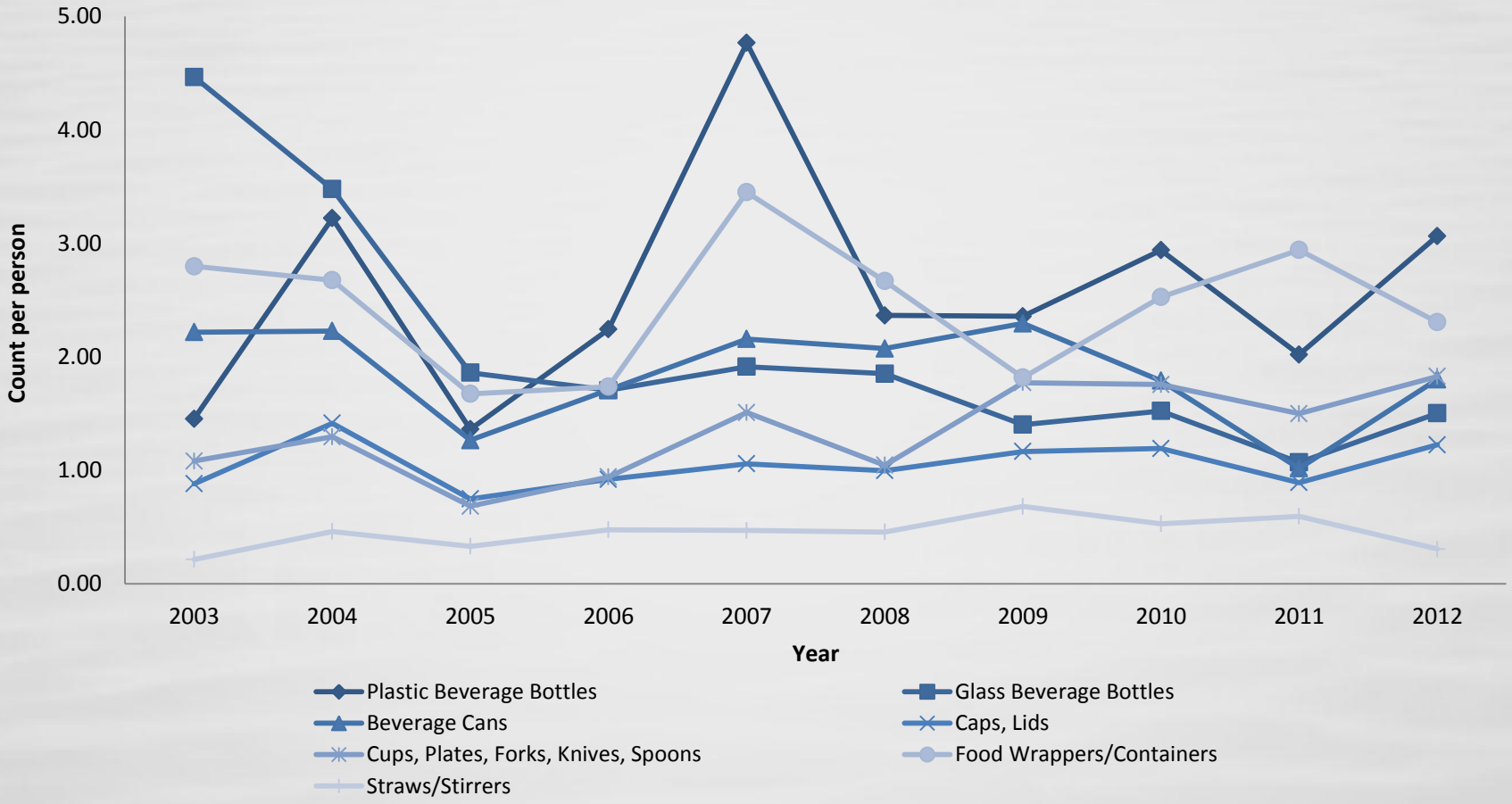
VA Food/Beverage: 10 Years of Trash



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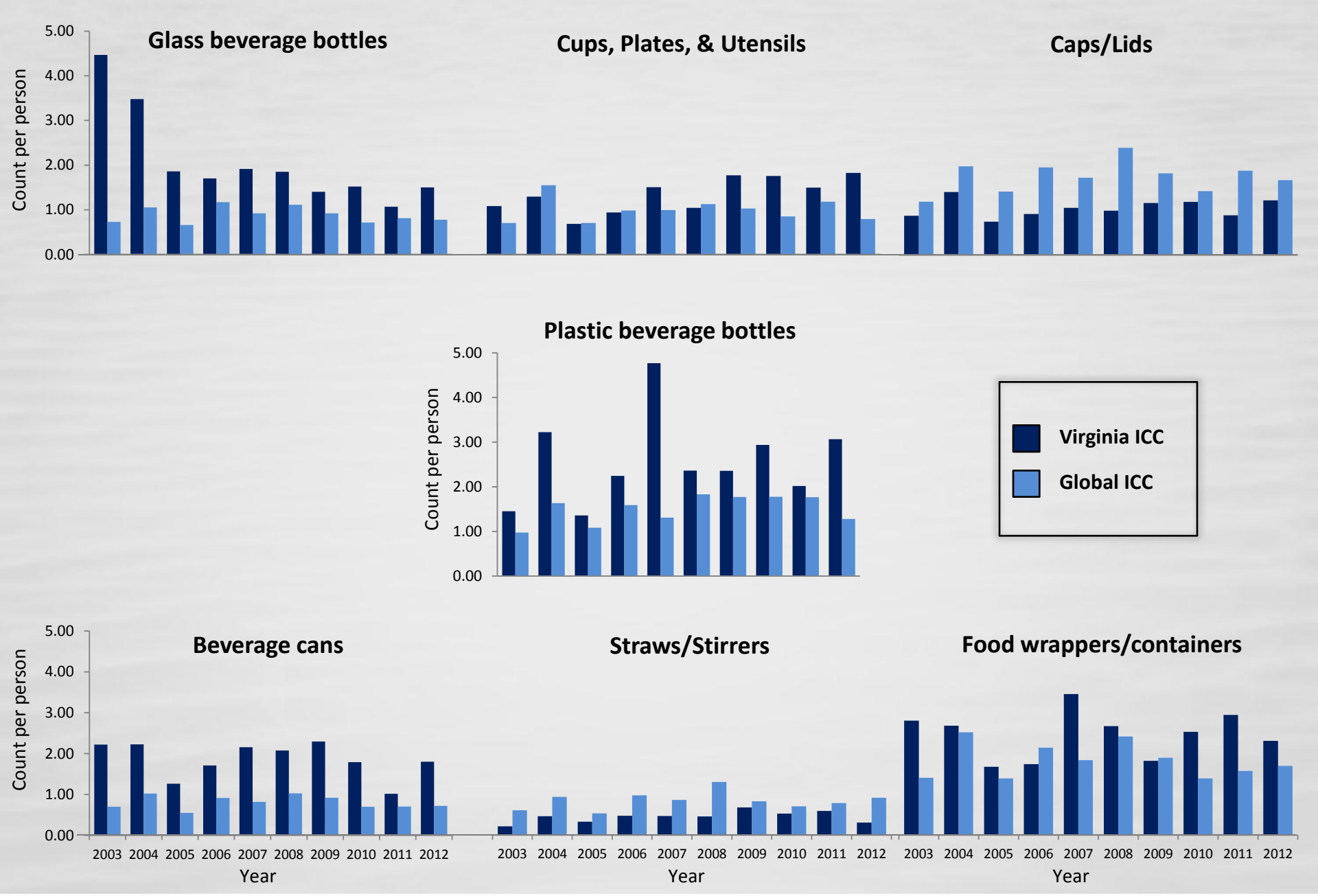

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Systemic Solutions

- Recycling not a marine debris solution
- Extended Producer Responsibility
- California AB 521:
  - Marine Plastic Pollution Producer Responsibility Act
  - Plastic pollution ↓ 75% by 2020
  - The Ocean, Lake, and Streams Pollution Fund

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Power of Collective Action

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THANK YOU!

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END