Solid Waste Management Annual Report
Environmental Review Commission
January 23, 2008

Paul Crissman, Chief
Solid Waste Section
Division of Waste Management
Department of Environment and Natural Resources

Division of Waste Management

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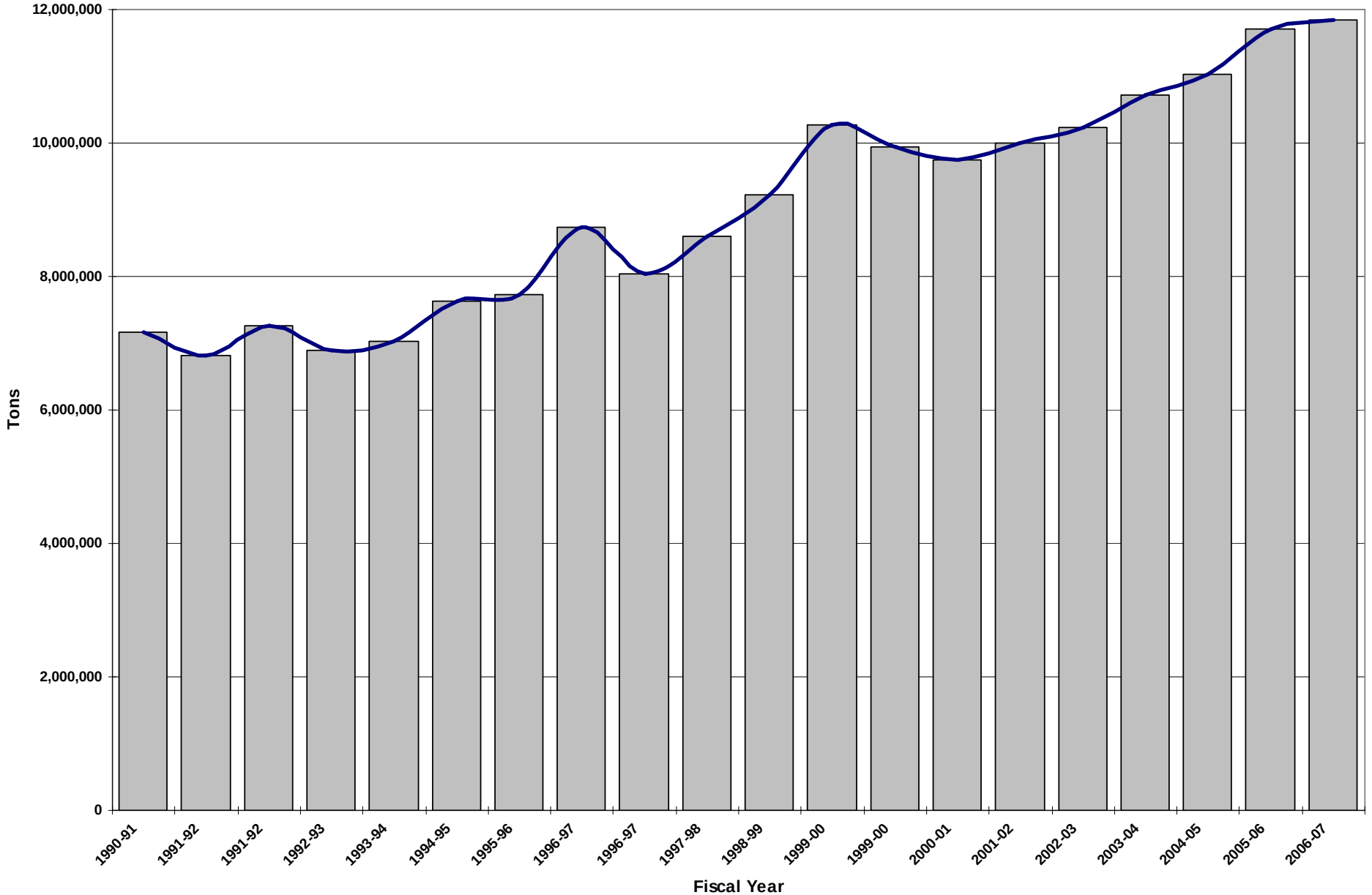
Tons of Solid Waste Disposed of by North Carolina



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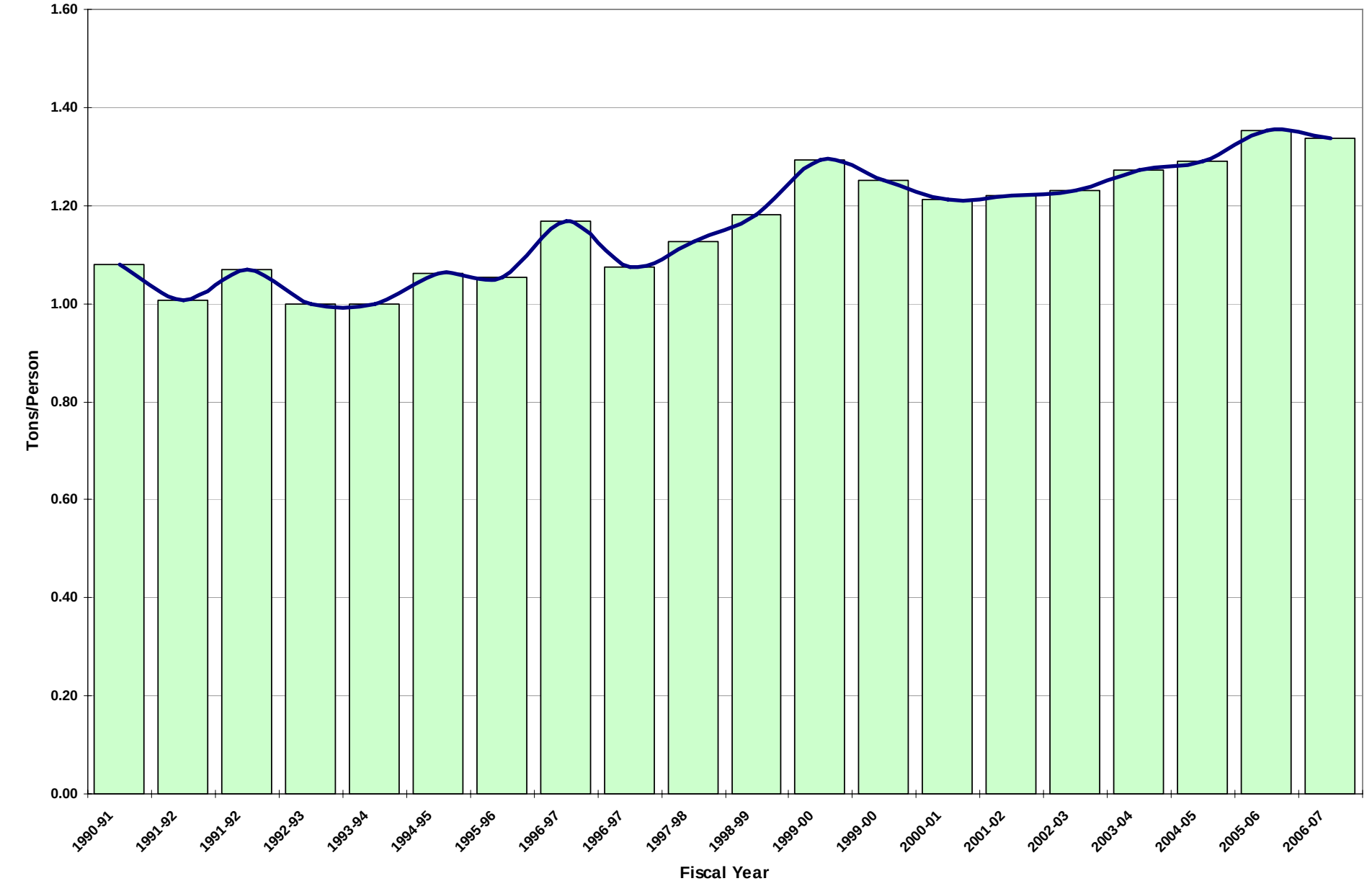
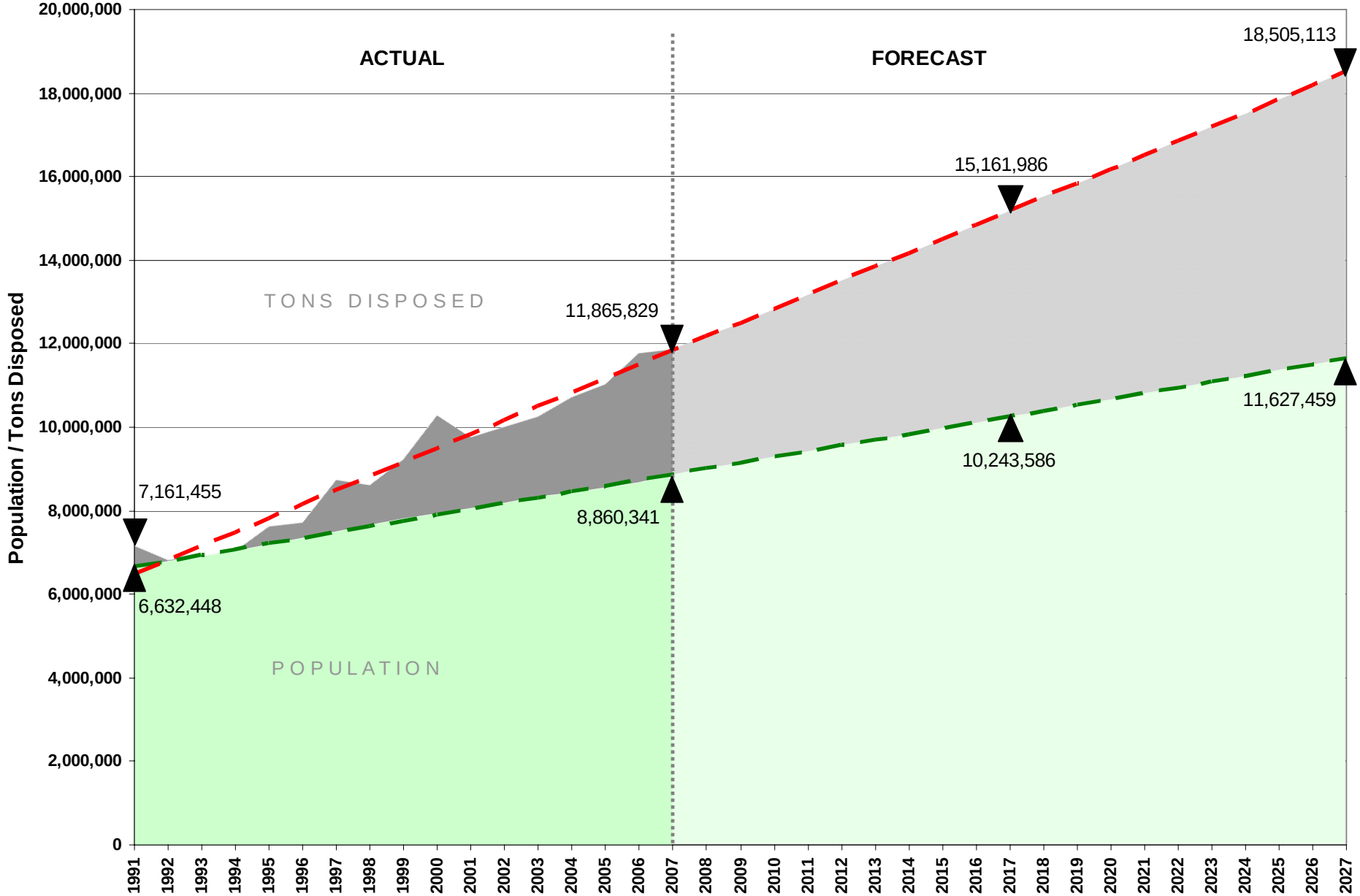


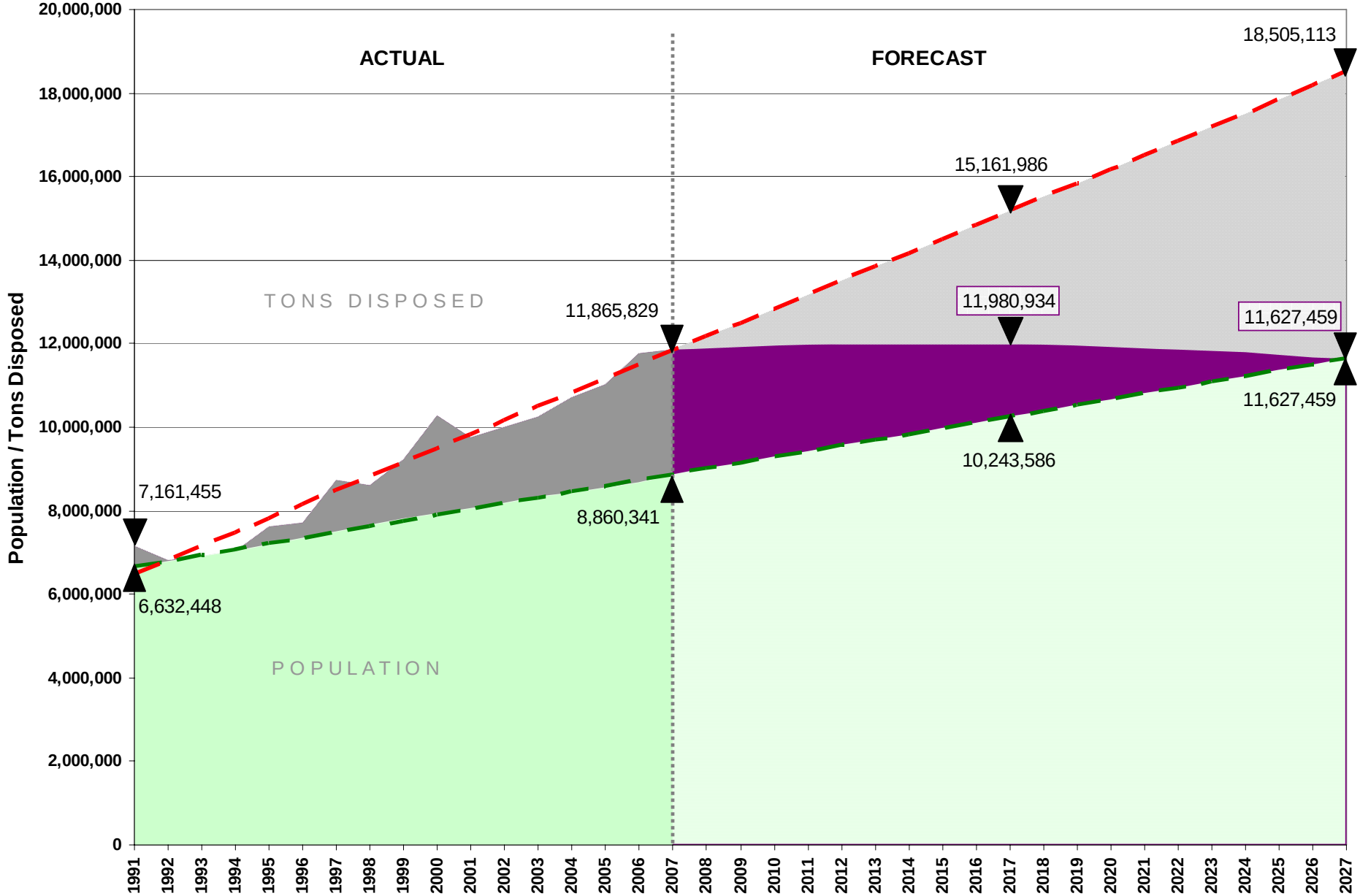
North Carolina Solid Waste Disposal 20-Year Forecast

Division of Waste Management



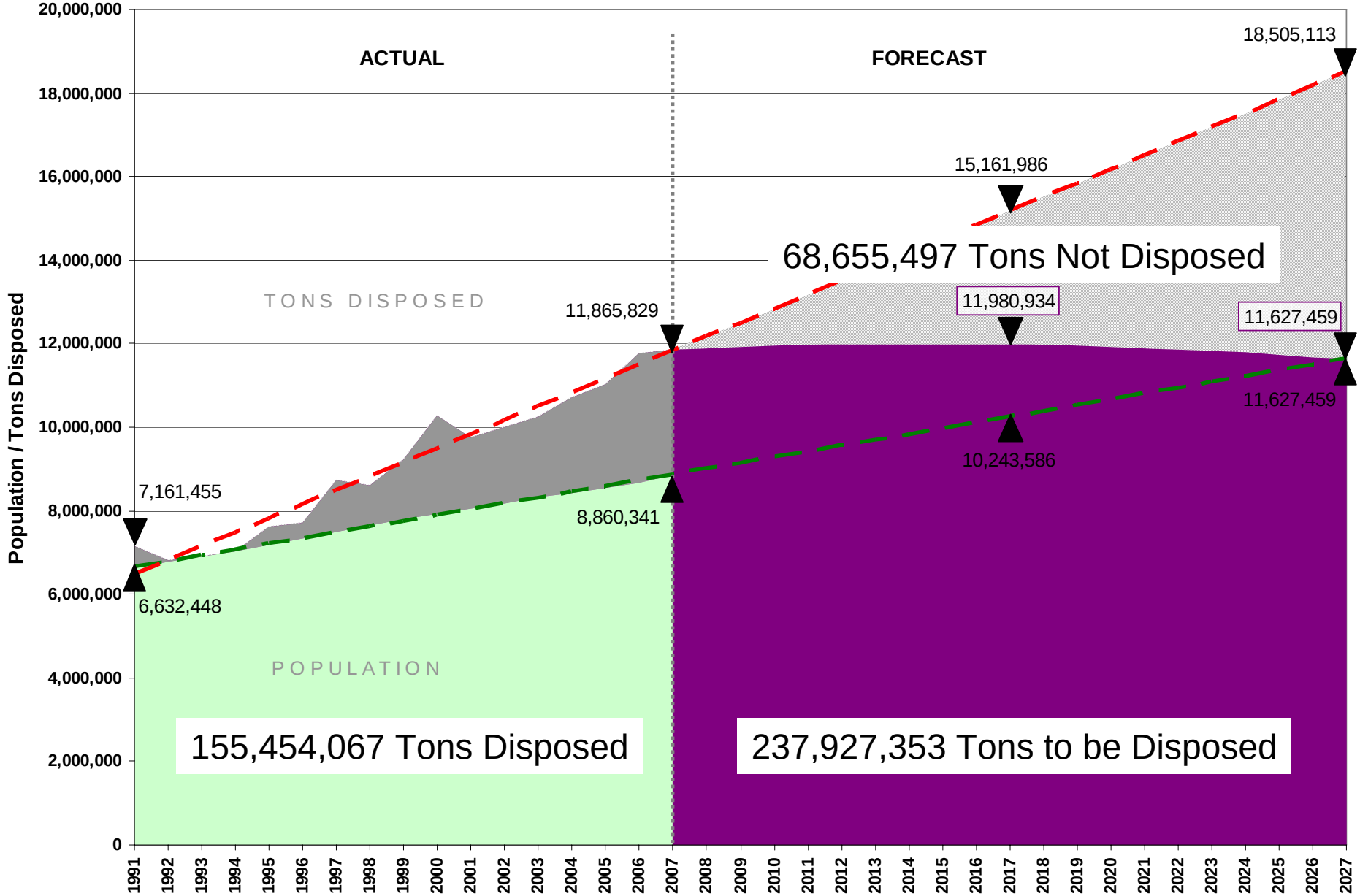
North Carolina Solid Waste Disposal 20-Year Forecast

Division of Waste Management



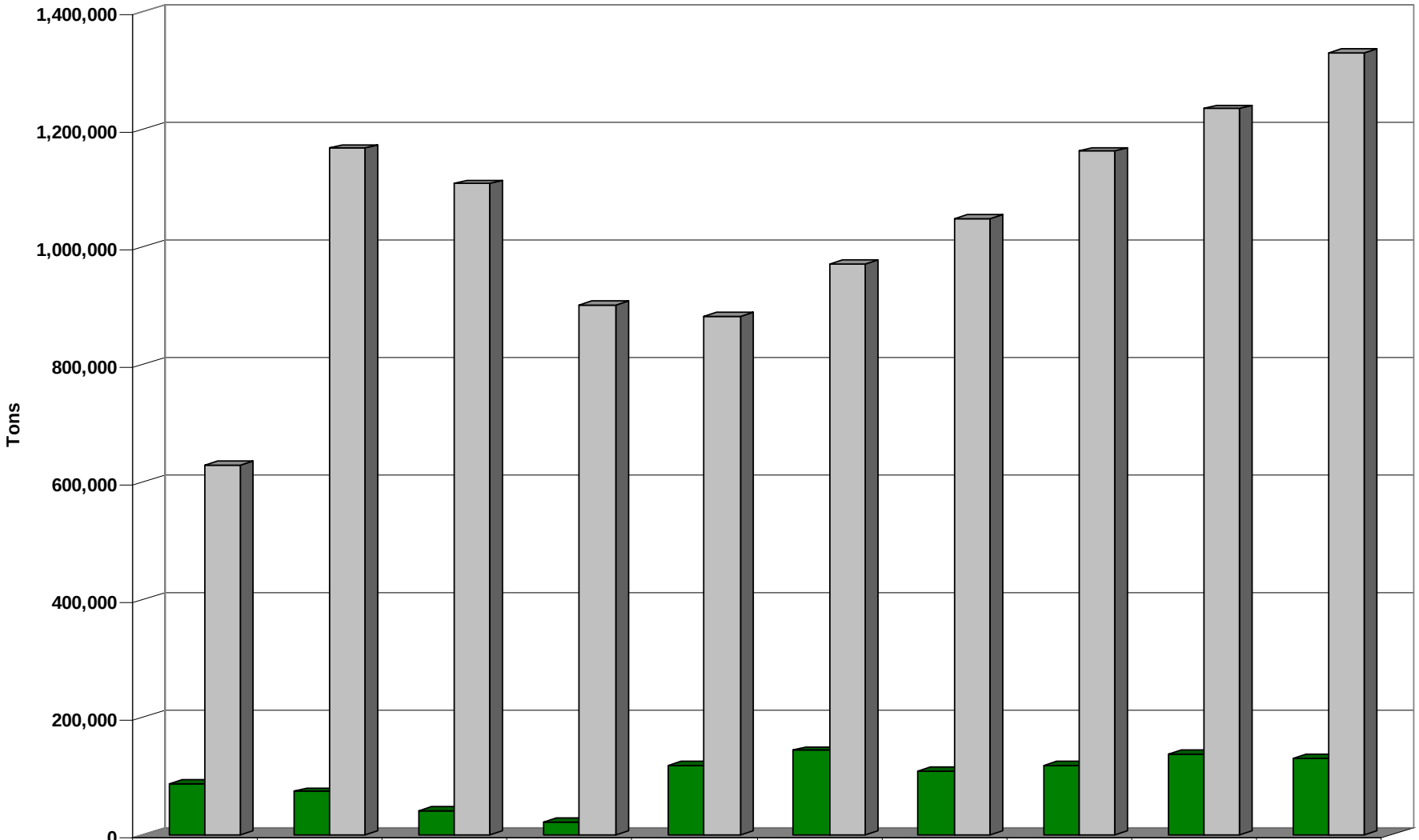
North Carolina Solid Waste Disposal 20-Year Forecast

Division of Waste Management



Imports / Exports

Division of Waste Management



	FY 1997-1998	FY 1998-1999	FY 1999-2000	FY 2000-2001	FY 2001-2002	FY 2002-2003	FY 2003-2004	FY 2004-2005	FY 2005-2006	FY 2006-2007
Imports	87,393	74,185	41,840	21,614	117,981	144,116	108,803	119,202	137,307	129,906
Exports	629,415	1,166,875	1,106,897	900,743	882,247	971,286	1,048,111	1,161,926	1,234,307	1,329,202

Fiscal Year

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Management
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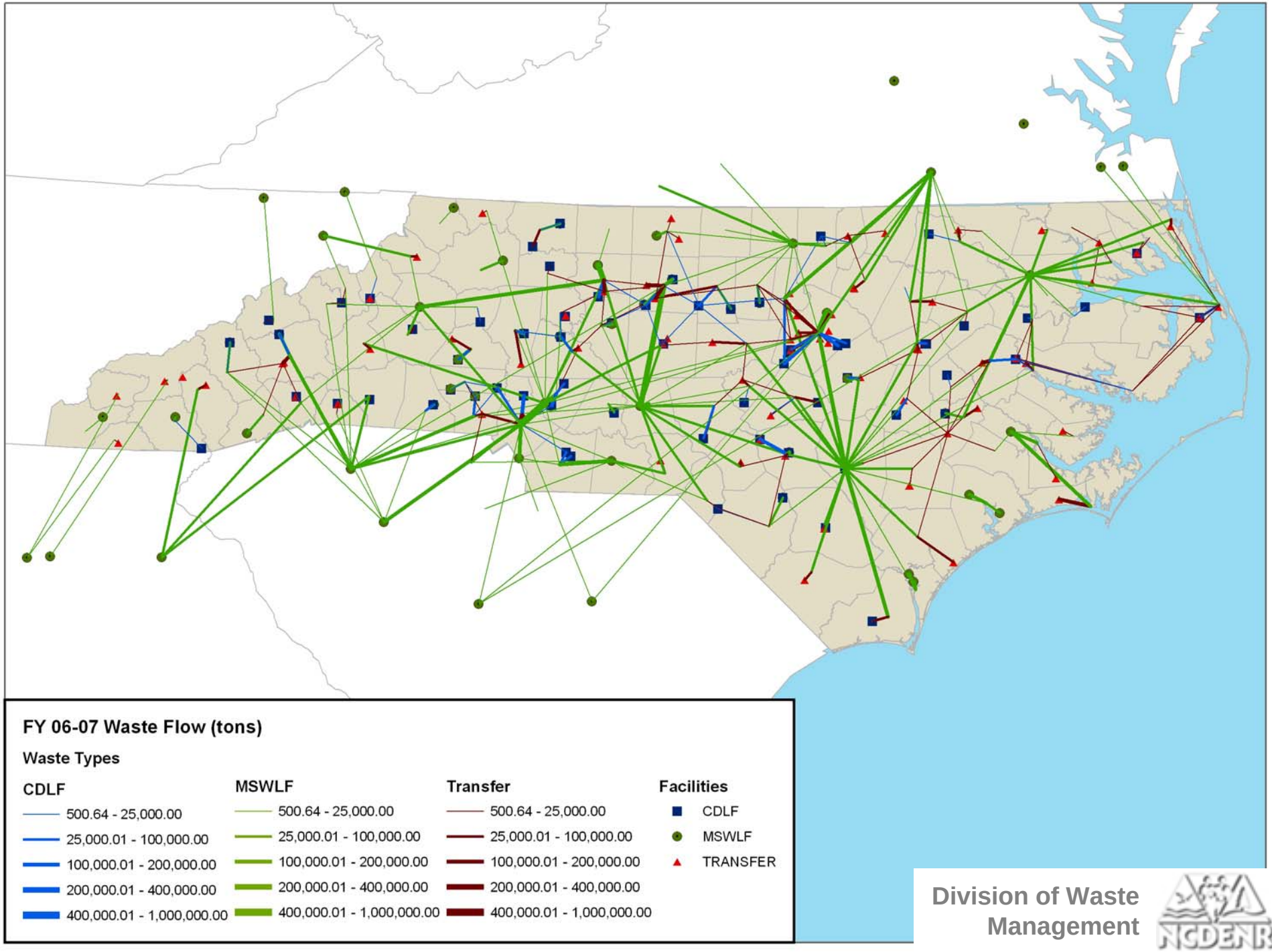
FY 06-07 Waste Flow (tons)
Waste Types
CDLF
500.64 - 25,000.00
25,000.01 - 100,000.00
100,000.01 - 200,000.00
200,000.01 - 400,000.00
400,000.01 - 1,000,000.00
MSWLF
500.64 - 25,000.00
25,000.01 - 100,000.00
100,000.01 - 200,000.00
200,000.01 - 400,000.00
400,000.01 - 1,000,000.00
Transfer
500.64 - 25,000.00
25,000.01 - 100,000.00
100,000.01 - 200,000.00
200,000.01 - 400,000.00
400,000.01 - 1,000,000.00
Facilities
CDLF
MSWLF
TRANSFER
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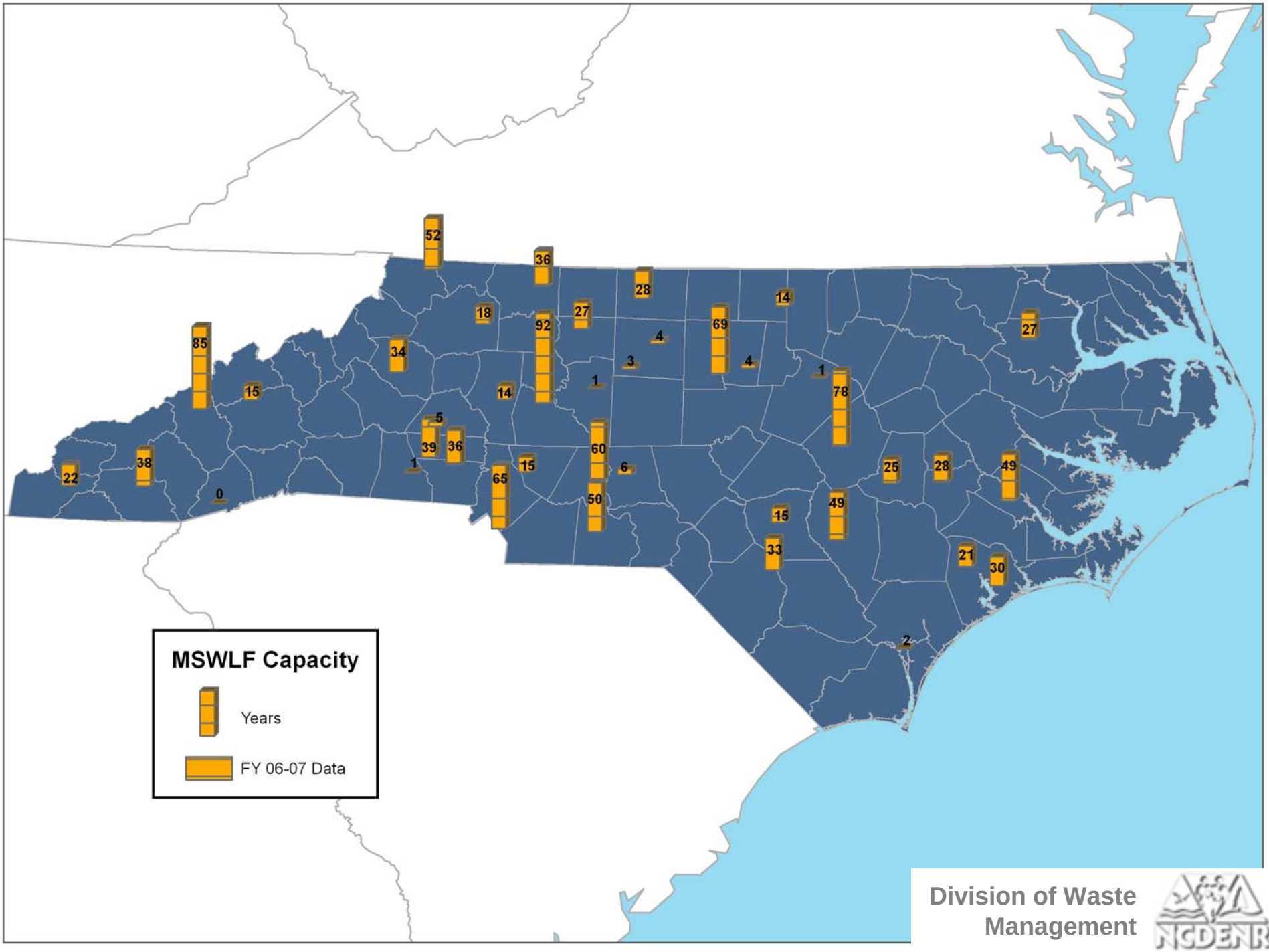

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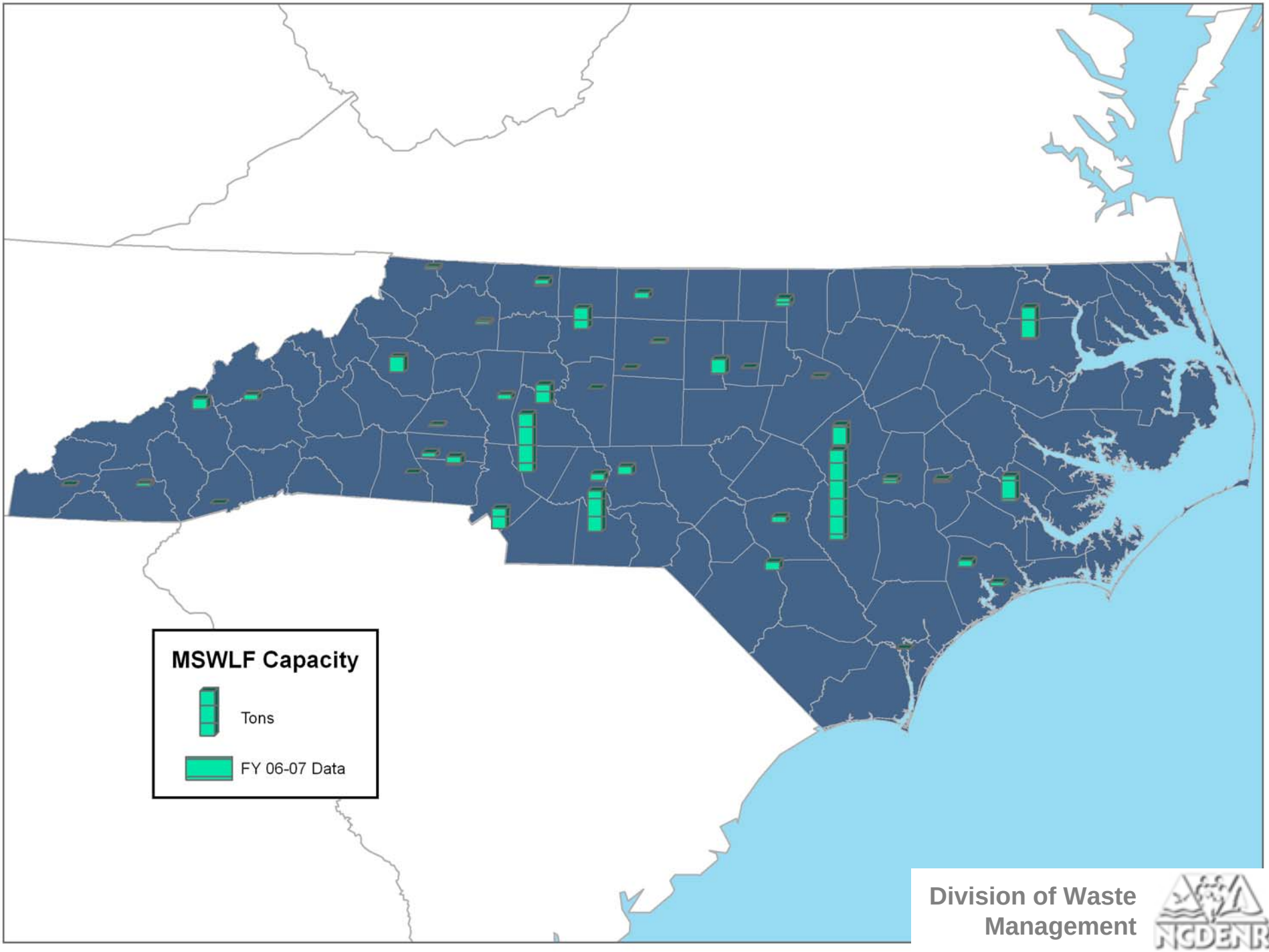
MSWLF Capacity
Tons
FY 06-07 Data
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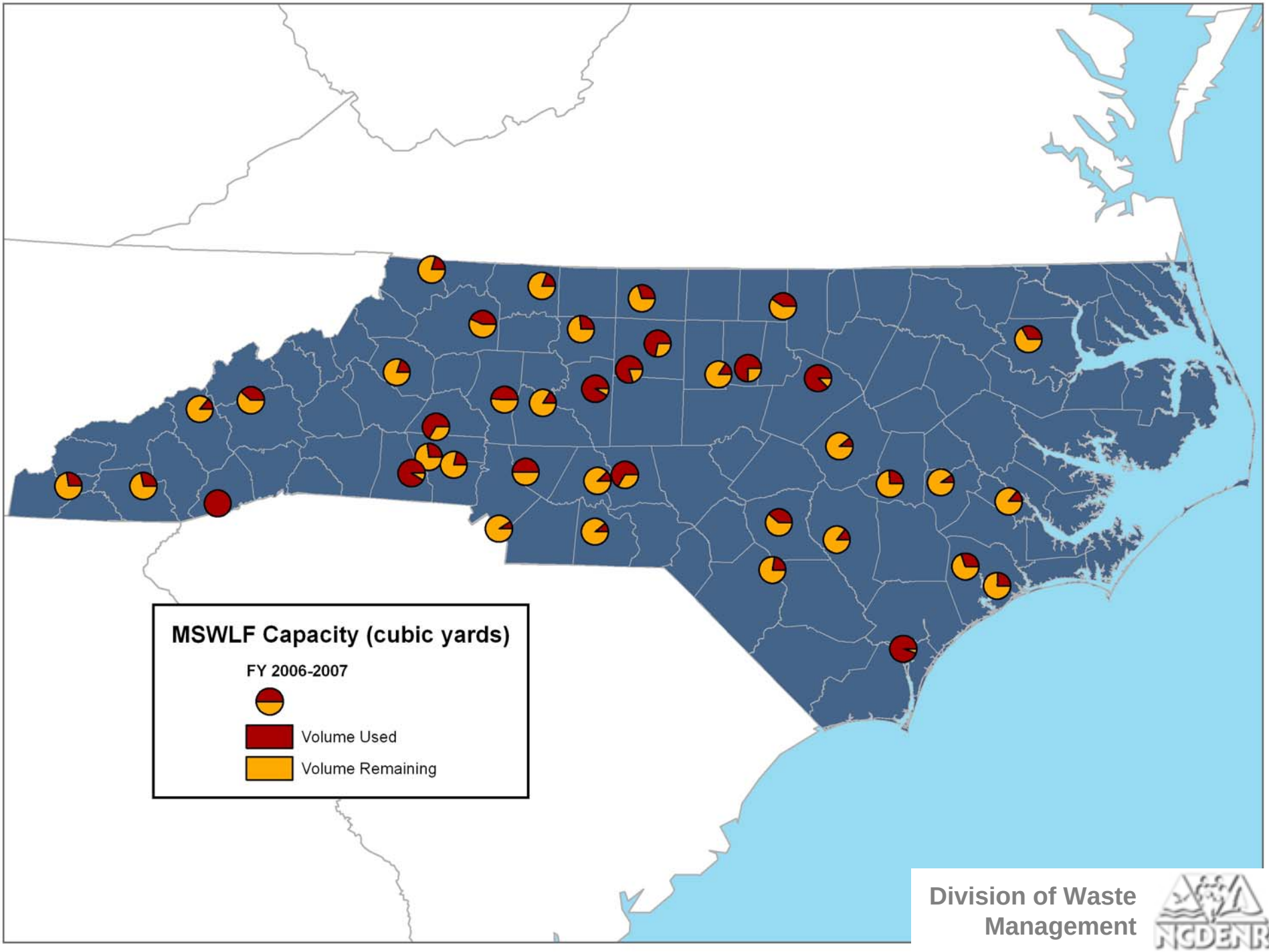
MSWLF Capacity (cubic yards)
FY 2006-2007
Volume Used
Volume Remaining
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State-wide Municipal Solid Waste Landfills (MSWLF)

FY 2006-2007

40 MSW Landfills currently operating
Average facility size: 310.8 acres
Average waste footprint: 76.5 acres
Average compaction density: 0.60 tons/cy
Average years in operation: 11.1 years

	Average	FY2006-2007	Total
MSW Disposed (tons)	7,504,023.01	8,041,765.83	83,294,655.46

	Used	Constructed	Overall
Volume (yd^3)	120,867,902.3	149,872,127	385,942,182
Remaining Volume		29,004,224.7	265,074,279.7
Remaining Capacity			
Tons of Waste		17,279,574.66	157,920,815.11
Years (average)		2.30	21.04
Years (FY06-07)		2.15	19.64

North Carolina Solid Waste Disposal 20-Year Forecast

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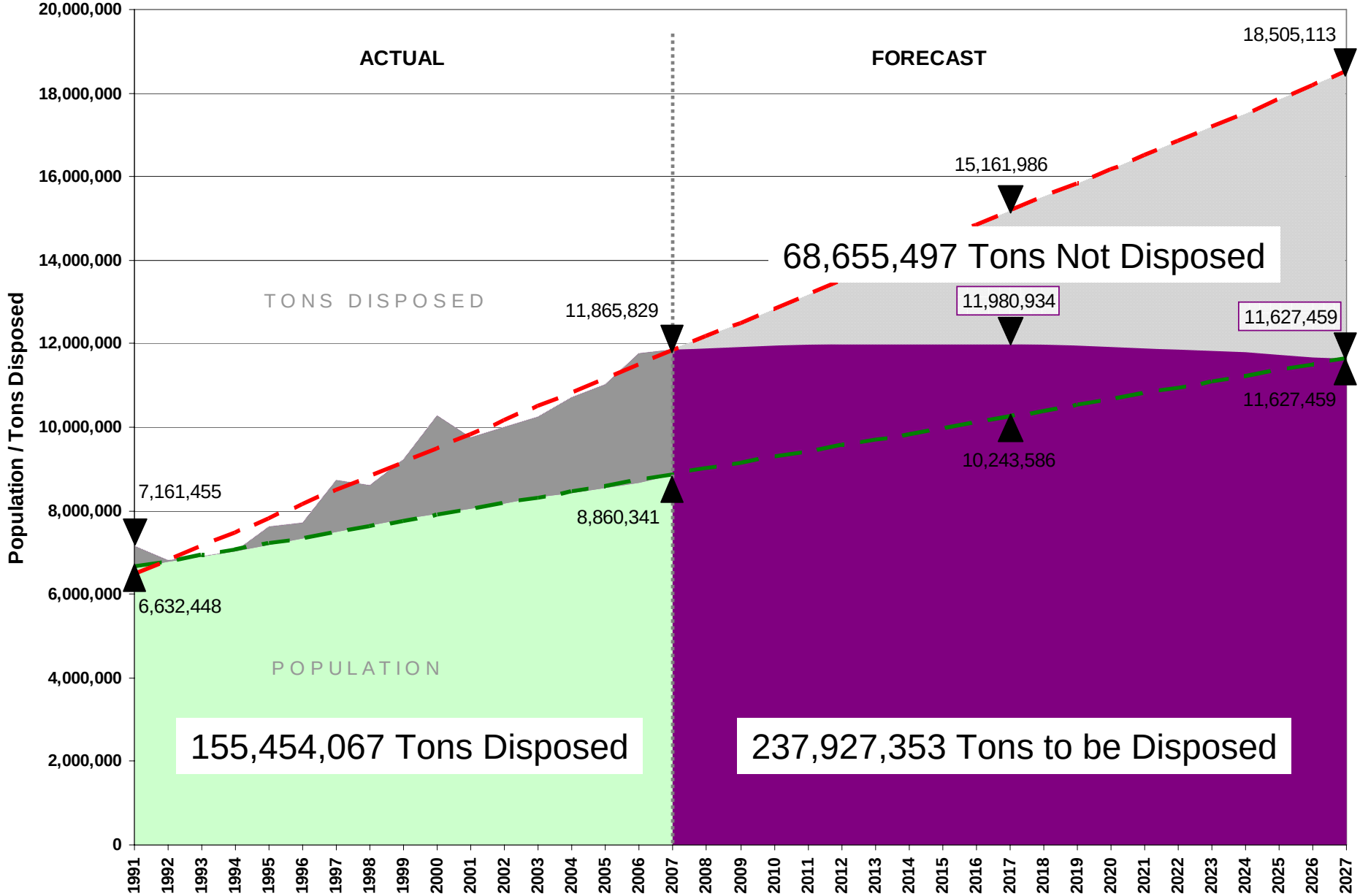

Solid Waste in North Carolina
The Future:

We have a lot of Waste to Manage

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Paul Crissman
Solid Waste Section
Division of Waste Management
Department of Environment and Natural Resources
919.508.8497
Paul.Crissman@ncmail.net
www.wastenotnc.org