



North Carolina

Recycling and Materials Management Section

C&D Recycling in North Carolina

*Carolina Recycling Association Conference
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Division of Environmental Assistance and Customer Service
NC Department of Environmental Quality (DEQ)



DEACS Sections and Programs

- Non-regulatory program within NC DEQ
- Services include:
 - DEQ Customer service hotline
 - Permit assistance
 - Compliance assistance
 - Technical assistance
 - On-site assessments
 - Environmental outreach
 - DEQ regional office management
- Recycling and Materials Management Section
 - Local Government Recycling Assistance
 - Recycling Business Assistance Center
 - Organics Recycling Program
 - State Agency, College and University Recycling Support
 - Recycling Markets Directory
 - Waste Trader
 - NC Green Travel Program





The Variety of C&D materials



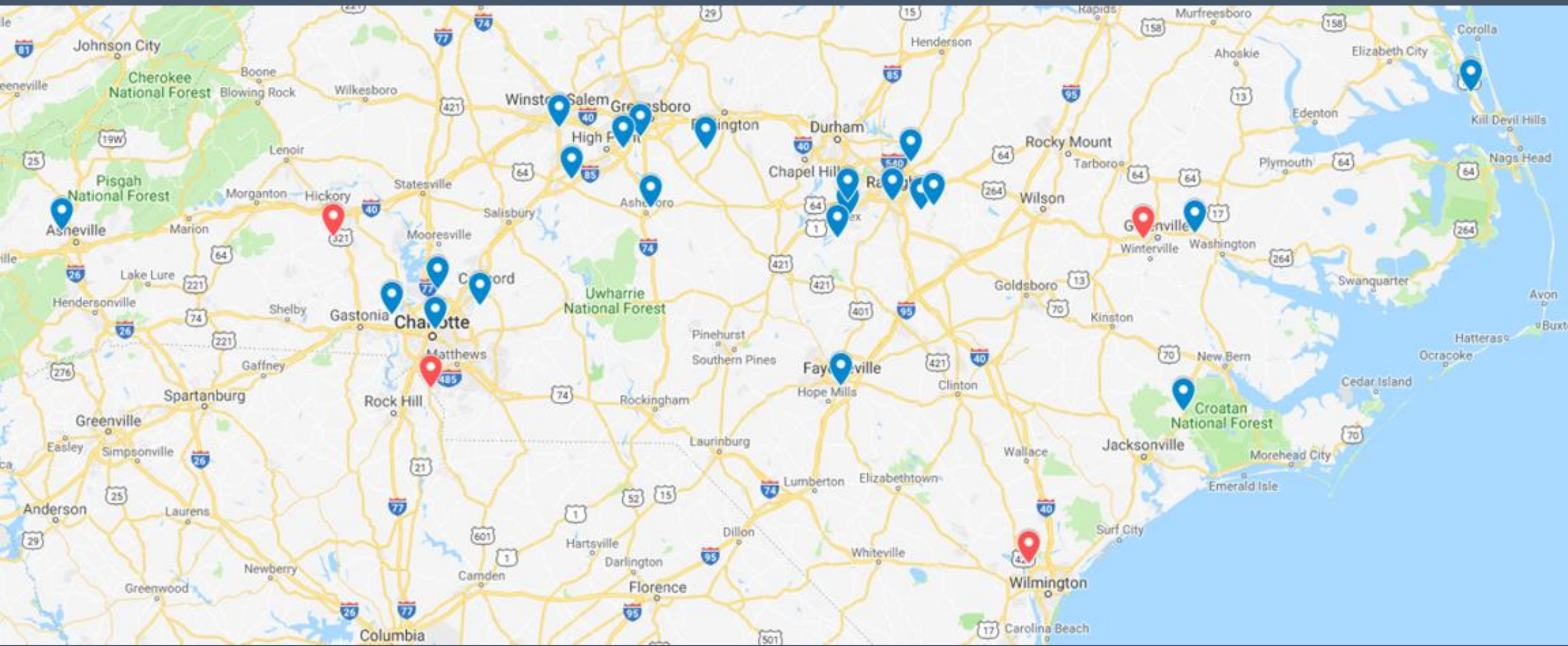
Recent Trends in C&D Materials Management

- Market picture for C&D materials:
 - More facilities – public and private – that are recycling C&D materials
 - Early 2000s only a handful of mixed C&D processors in NC; now we have 16-20
- Local action on C&D recycling
 - New sorting facilities at Pitt and New Hanover Counties
 - Mecklenburg wallboard innovation
 - Diversion ordinances in Orange and Chatham.
- Private C&D & LCID landfills conducting more materials diversion.





2017 NC Permitted C&D Facilities*



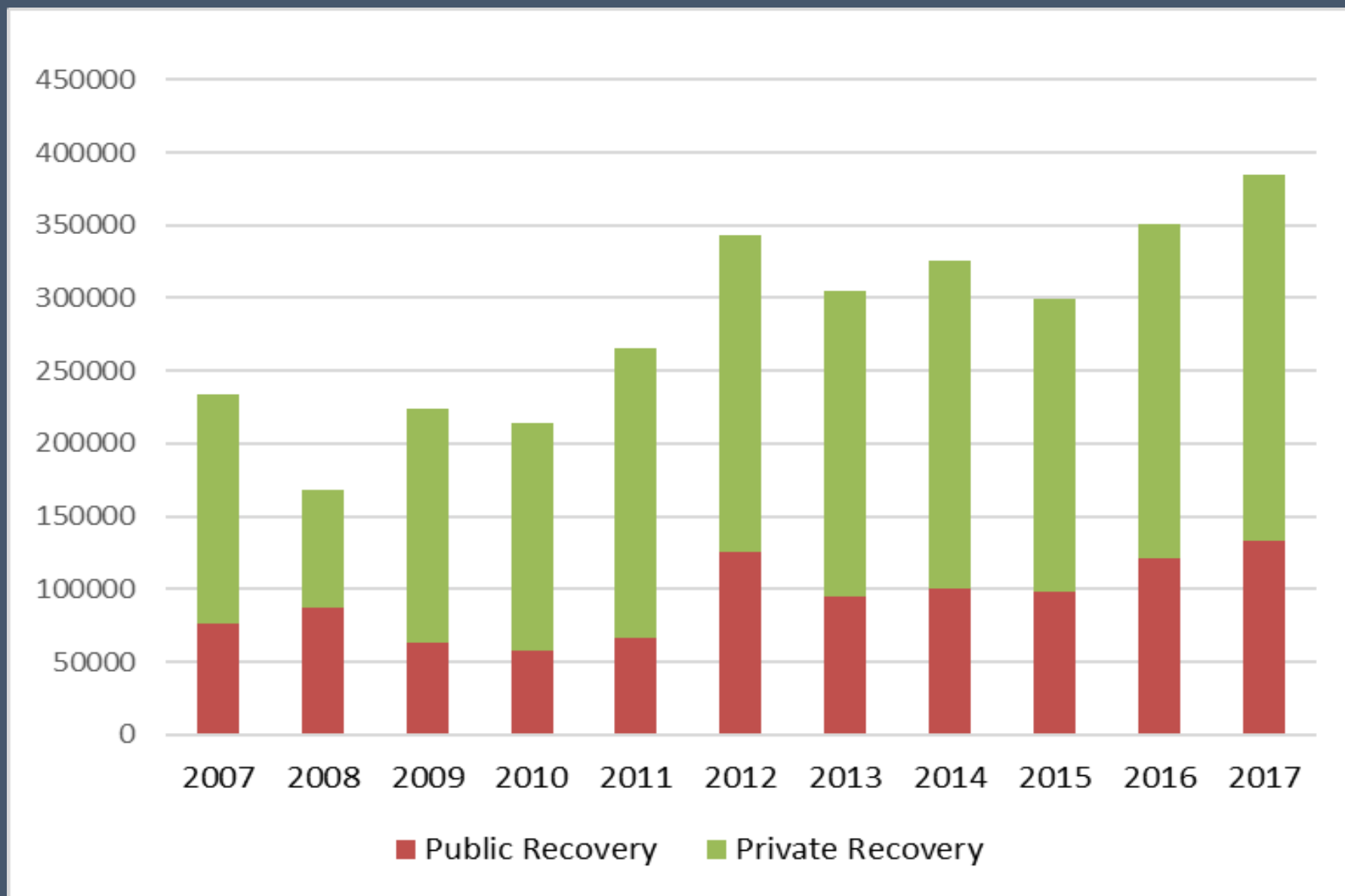
**Permitted private C&D facilities (disposal, processing, or transfer stations) with documented diversion in North Carolina.*

Public facilities with C&D diversion, including Pitt, New Hanover, Mecklenburg, and Catawba Counties are marked in red*





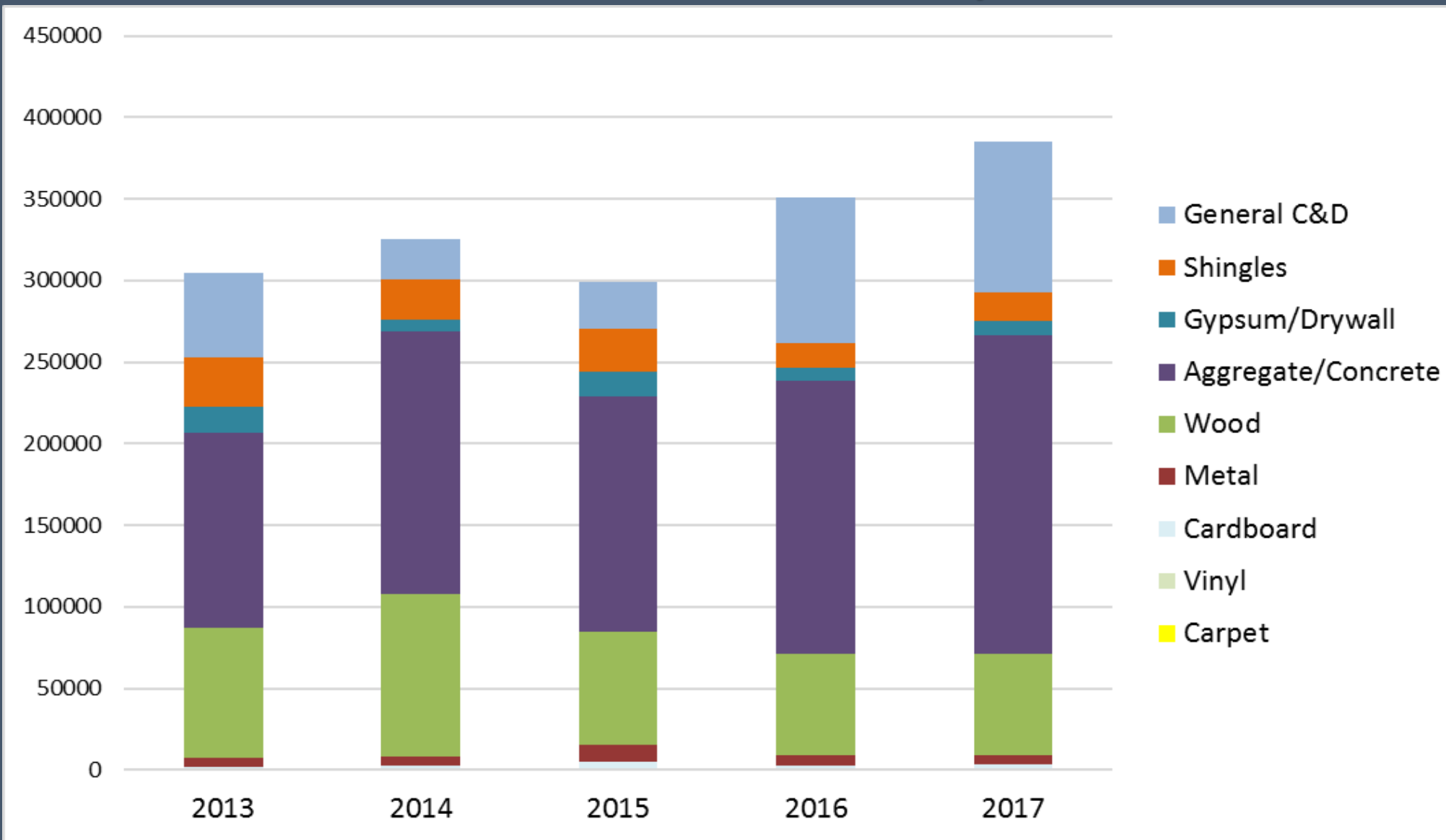
NC Public and Private C&D Recovery





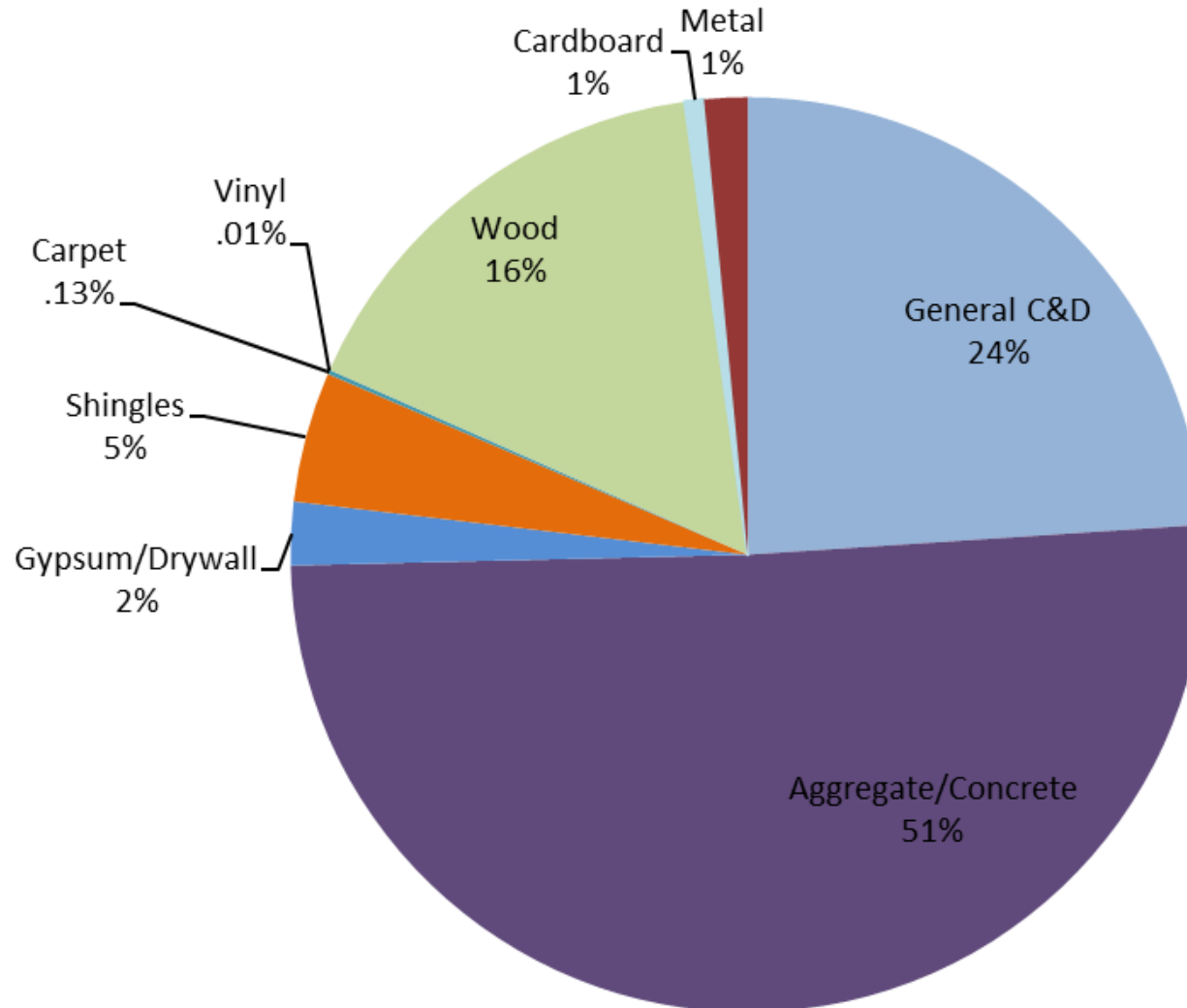
C&D Recovered Materials, 2013-17

Private & LG Recovery



C&D Recovered Materials, 2017

2017 C&D Recovered by Commodity Type





Private C&D Market Listings in RMD

NORTH CAROLINA Recycling Markets Directory				
RBAC Home	Search Directory	Get Listed	N.C. WasteTrader	Links
The following companies accept "Mixed C&D Processing" from N.C.:				
Company Name	City	County	State	Phone Number
A-1 Sandrock, Inc. - Greensboro	Greensboro	C		
AAA Hauling Of NC	Fayetteville	C		
Abbey Green	Winston Salem	F		
Advanced Disposal Systems of the Carolinas	Charlotte	M		
Advantage Waste Recycling & Disposal, Inc.	Mount Holly	C		
Coble Sandrock, LLC	Liberty	A		
EJE Recycling and Disposal, Inc.	Greenville	F		
Green Recycling Solutions LLC	Maysville	J		
Greenway Waste Solutions of Apex	Apex	V		
Greenway Waste Solutions of Harrisburg	Concord	C		
Greenway Waste Solutions of North Meck	Huntersville	M		
Griffin Brothers Companies	Cornelius	M		
Recycle Carolina, FFD II, LLC	Mount Holly	C		
Russo Dumpster Service Inc.	Charlotte	M		
Shotwell Transfer Station - Apex	Apex	V		
Shotwell Transfer Station - Raleigh	Raleigh	V		
Soundside Recycling and Materials, Inc.	Jarvisburg	C		
Tidewater Green Corporation	Chesapeake			
TODCO, Inc.	Lexington	E		
Waste Industries-High Point C&D Processing & Landfill	Jamestown	C		
Waste Industries-Raleigh C&D Processing	Raleigh	V		
View Printable List - Search Again				

NORTH CAROLINA Recycling Markets Directory				
RBAC Home	Search Directory	Get Listed	N.C. WasteTrader	Links
Search Directory:				
By material. Select the <i>general</i> type of material you want to recycle from the drop-down list below, then click "Go."				
STEP 1	Construction & Demolition Materials	Go		
You have selected Construction & Demolition Materials as the general material type. Choose the <i>specific</i> type of material you want to recycle from the drop-down list below, then click "Go."				
STEP 2	Carpet	Go		

- Mixed C&D Processing
 - Wood Waste
 - Mobile Grinders
- Concrete/Aggregate
 - Carpet
- Rigid Plastics
- And more...

What's ahead for C&D?

- As housing markets heat up, so will the generation of C&D waste
- Well-positioned with strong mixed material processing facilities
- Markets and uses for key materials will track with economy
 - If oil prices go up, so will shingle recycling
 - If natural gas prices go up, woody boiler fuel recycling will increase
 - Bulky rigid plastics will have difficulty in the short term due to China's National Sword
- Emerging markets for wood
- Green-building will help drive infrastructure development, thereby improving recycling opportunities.



State Support for C&D Recycling

- Technical assistance to C&D processors and landfill operators
- Market development activities – e.g., drywall, wood, bulky rigid plastics, carpet
- Linkage with building community
- Connecting markets with local government programs
- Grants



Thank you!



www.p2pays.org/DMRM

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