



Walmart Transportation

Douglas Estrada
Senior Director Transportation
Supporting Supply Chain in the
Washington DC Market

Walmart Formats & Banners

27 Countries

9 Formats

53 Banners

61 Logos

48 out of 53 (91 %) banners do not reference the word "Walmart"

COUNTRIES ►

US, Puerto Rico, Canada, Brazil, Argentina, Mexico, Chile, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, China, Japan, India, UK













LA FINCA

Restaurant







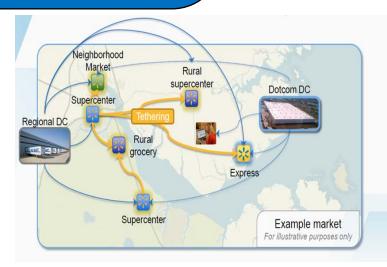
Walmart Stores Inc.



- Walmart celebrates 50-year Anniversary in 2012
- Doug McMillon named CEO in 2014
- Current store count 11,000...and growing!
- Small Format stores
- E-commerce expansion
- Tethering
- Market Eco-System
- Continued Change!!







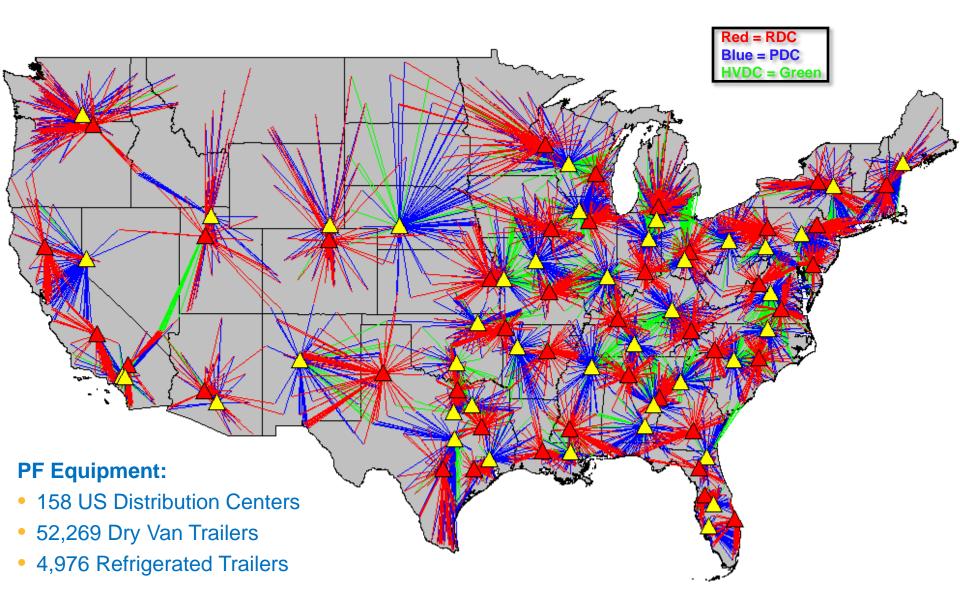


Walmart Private Fleet Key Stats



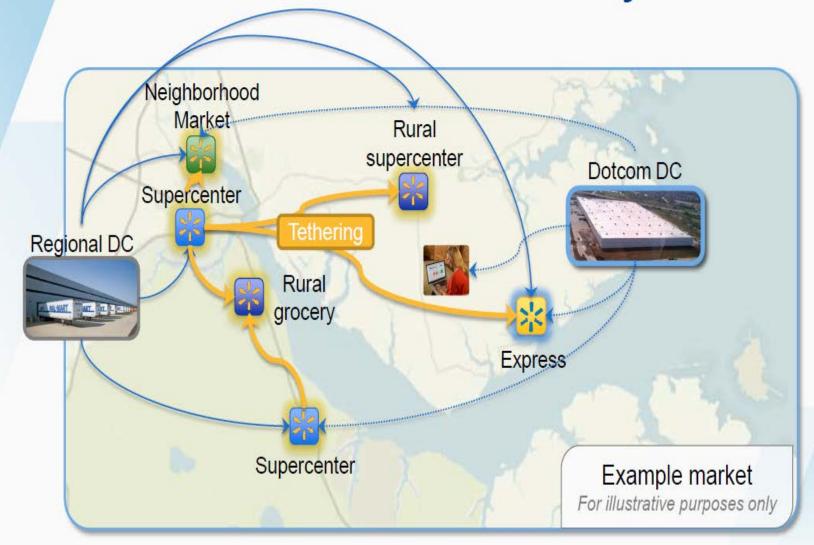


Walmart Regional & Grocery Distribution Center to Store Alignment





Our vision for the market ecosystem

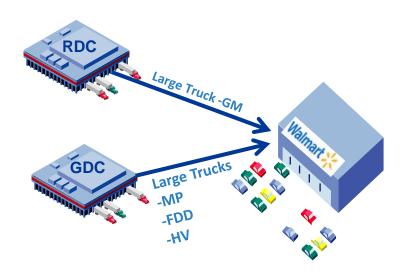




Walmart Delivery

Deliveries are Commodity Based

- RDC Regional Distribution Center –
 General Merchandise (nonperishable) Some Dry Consumables
- GDC Grocery Distribution Center-All Perishable Goods & Dry consumables





Working Together to DO More with Less

Fill the trailer

- Improve Packaging
- More efficient loading
- Delivery Schedules

Improve Routing

- Ensure full trailers
- Drive shorter, safer and smarter routes
- Reduce out of route excess mileage

Reduce Empty Mileage

- Increase vendor backhauls
- Integrate into the grocery business
- Optimize network design

Deploy Innovative Technology

- Enhance dispatching tools
- Gain metrics visibility through dashboards
- Deploy network optimization software

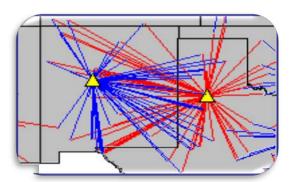
Straight (26 pallets)

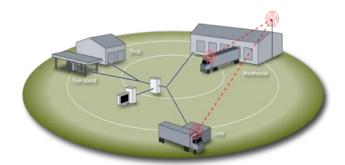
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100% Turned (30 pallets)

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Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	

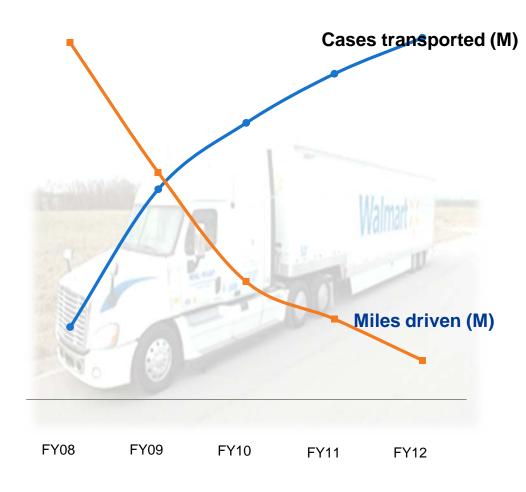








Logistics continues to deliver savings



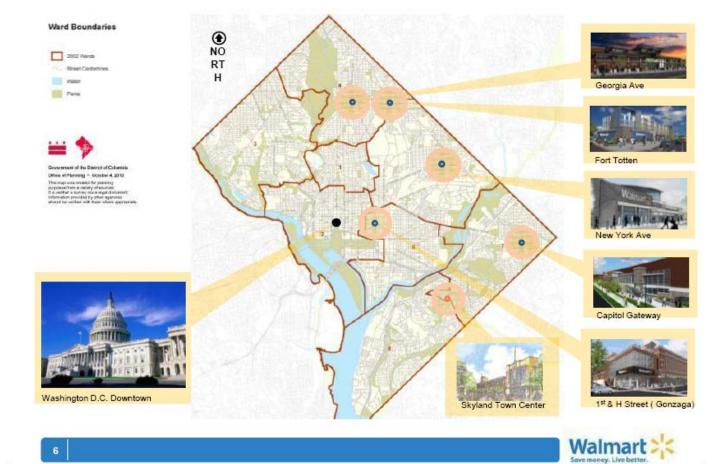
- Productivity initiatives
 - Cases per trailer
 - Routing improvements
 - Empty mile reductions
 - Packaging
 - Alignments
- 361 million more cases shipped
- 287 million fewer miles driven

Note: Performance based on Walmart fiscal years



WDC Store Plans

Washington, DC Entry Plans



Traffic Flows – Delivery Times

WASHINGTON DC CHALLENGES



Transportation Outbound Cost to Serve – EDLC = EDLP

Outbound Cost to Serve depends on multiple physical factors.

Objective is to maximize store service and minimize overall cost.



Trip Cost

- Overall Distance--shorter distance is less expensive
- Trailer size--larger is less expensive overall (economies of scale)
- Delivery windows--wider windows increase ability to share trip cost with other stores
- Stops per trip—fewer stops are less expensive (however, multi-stop deliveries can fill trailers to share costs across multiple stores)
- Backhaul Availability (standard equipment required)—significantly reduce overall trip cost



Amount of Merchandise*(fuller trailers drive down freight factor %)

- Sales level
- Delivery frequency
- Combine with other stores to fill trailers and share trip cost



Special Handling (not shared by other stores on trip)

- Substandard access and/or no dock
- Specialized equipment (adds cost and limits backhaul and multi-store delivery ability)
- Other restrictions/limitations

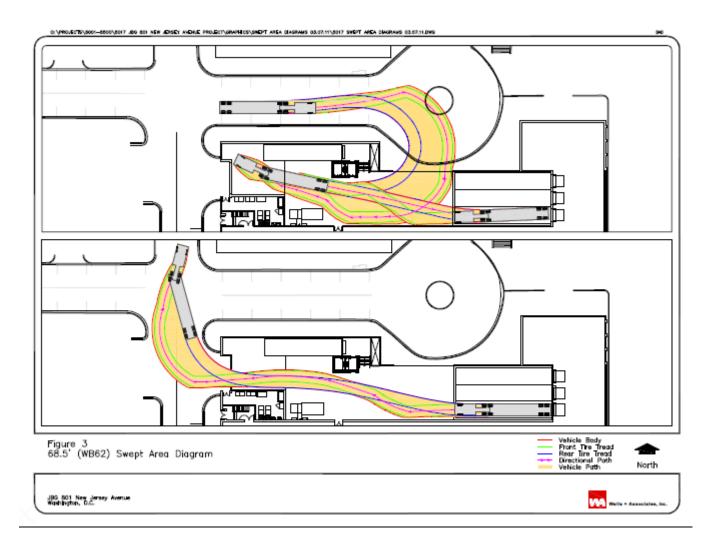


"H" Street Truck Route





"H" Street Delivery



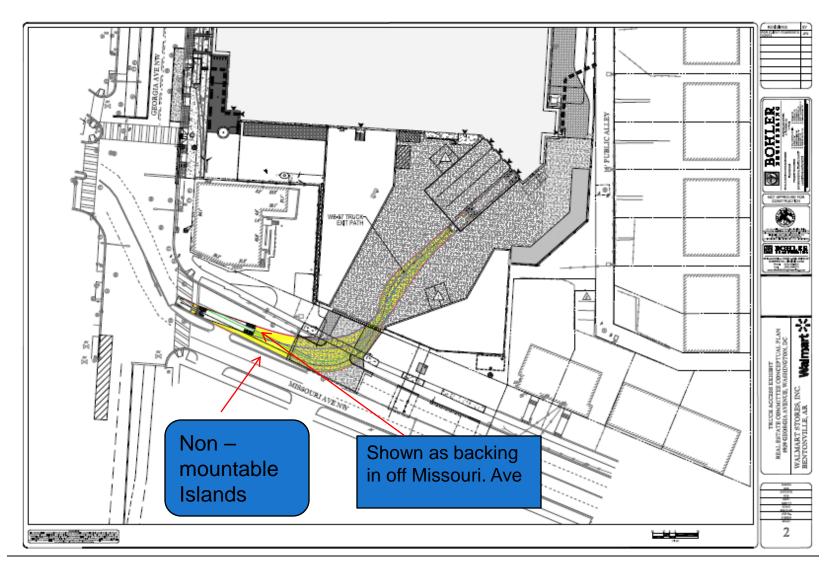


Georgia Ave. Truck Route





Examples of Schematics - Georgia Ave. Delivery



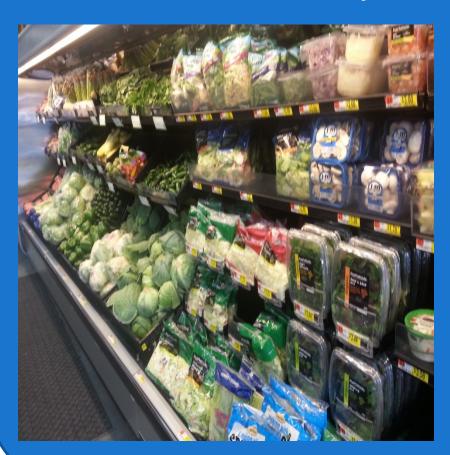


Strategic outlook

FUTURE IN WDC FOR WALMART



Improving Freshness & On Shelf Availability in Washington DC

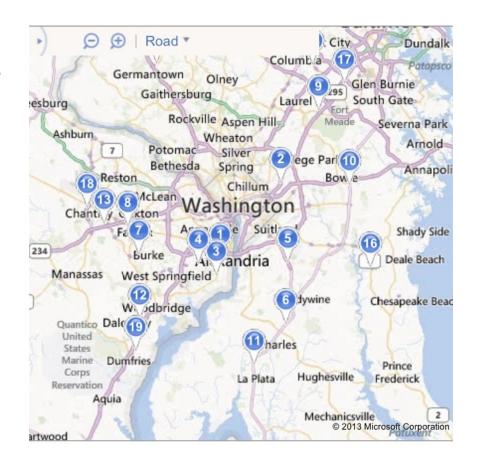






Washington D.C. Urban Store Count – How do we maximize density?

- Plans for 5 Metro Walmart
 Supercenters in Washington
 DC
- 26-30 Walmart Stores in Metro Market
- Roughly 70 to 100 daily deliveries in the Metro Market





Saving Money to Help People Live Better

EMERGENCY OPERATIONS & COMMUNITY SUPPORT



When Disaster Hits





Fleet Responds - Katrina Convoy





Community Volunteerism

- Community Volunteer
- Food Banks
- Salvation Army
- Wreaths Across America
- Victory Junction \$401K
- Race for the Cure
- Children's Hospitals \$441K
- Walmart Heart
- Safe Miles Local Education \$130K







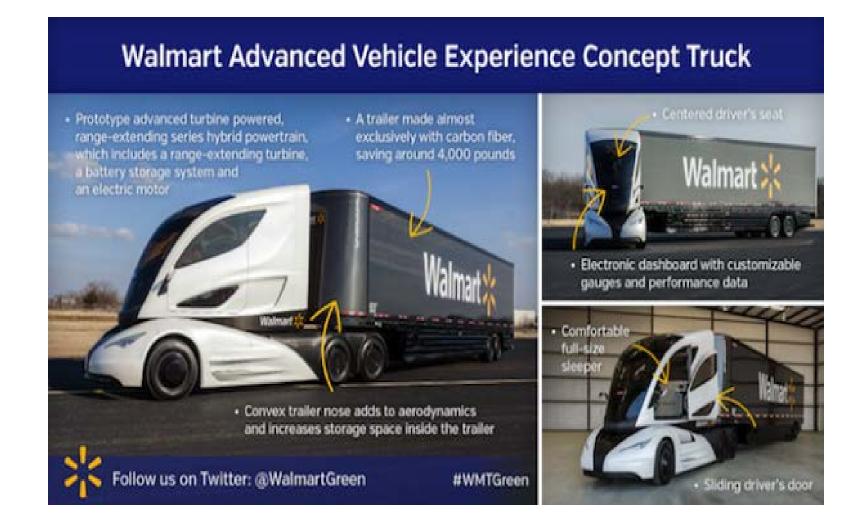




NEW TECHNOLOGY



Concept Truck





Thank you

