# RETAIL / DELIVERY TRENDS

Jon Schermann Transportation Planner

Northern Virginia Transportation Roundtable April 5, 2017



#### TPB Freight Subcommittee

 Public- and Private-Sector Collaboration

Freight Subcommittee Meeting/Benjamin Hampton



## **The Empowered Consumer**

Thight. Tel.

Calinals

Ratha

Hund

inclused.

Ashier

King

Index.

Materia

Wood

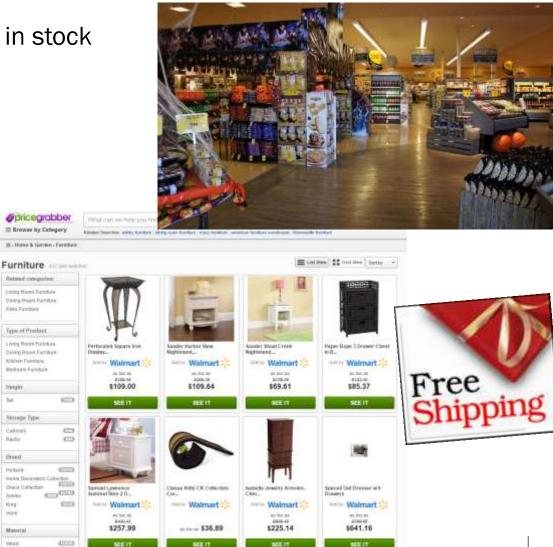
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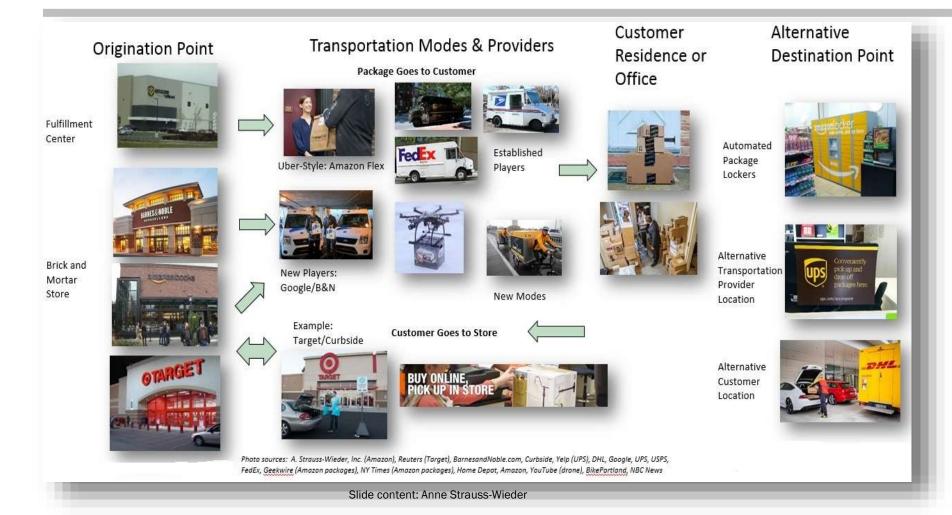
- Infinite choices always in stock •
- Highly informed
- Fast (and free) delivery •







## **The Changing Last Mile of Retail**





### **Increasing Competition for Curbside Space**

#### Balancing the needs of:

- Freight Deliveries
- Parking
- Pedestrians and bicyclists
- Transit
- Taxis, Uber, and Lyft vehicles









### **Emerging Technologies**





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