New York City Taxi and Limousine Commission

- Regulate private for-hire ground transportation
- 180,000 drivers
- Over 120,000 total vehicles
  - 106,000 for-hire vehicles (FHVs)
    - 72,000 primarily use apps
  - 13,587 yellow taxis
  - 750 other
- 1,200 businesses
- 937,392 trips per day
  - 282,565 in taxis
  - 654,827 in FHVs
- Core functions: policy development, screening and monitoring licensees, enforcement

Source: NYC TLC licensing and trip records
First Things First: One Regulator’s Approach

**Regulatory Action**
- Safety
- Consumer protection
  - Access
  - Insurance
  - Accountability
  - Anti-discrimination
  - Transparency
- Worker protection
- Externalities
  - Pollution, congestion
  - Infrastructure burdens

**No Regulatory Action**
- Shifts in consumer preferences
- Shifts in worker preferences
- Shifts in market share

Photo by Robert Couse-Baker
Real Opportunities: Transit-For-Hire Service Partnership

- 77% subway stops *not* accessible
- 100% buses accessible
- Challenges facing paratransit service

- Accessible vehicle and service regulations
- Paratransit using apps
- Accessible dispatch program

Van photo by Adam_E_Moreira. Statistic from TransitCenter, 2017.
Claim #1: “Shared Mobility” Nirvana

Percentage of Rides Shared
Weekday Hourly Average by App
September 2017

<table>
<thead>
<tr>
<th>% Trips Shared</th>
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<tbody>
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<td>Three major apps</td>
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<td>Via</td>
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<td>Lyft</td>
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<tr>
<td>Uber</td>
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Nirvana graphic courtesy of Chanrasmey Miech. Data from NYC TLC trip records.
Claim #2: Renting the Roadway?

- Uber launched in NYC in 2011.

- Since 2012, the number of vehicles registered in NYC increased 12%.
  - Vehicles solely for personal use (not licensed by TLC) increased 9%.

- NYC household car ownership rates, so far, continue to hover at historical levels (45-46%).
Claim #3: Taming the Transit Desert
Is manna falling?

Claim #3: Taming the Transit Desert

Percentage of Ride-hail Pick-ups by Geography by Month, 2016-2017

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Photo is in the public domain in USA. Statistics from NYC TLC trip records.
Why have enough when you can have too much?

From 2010 to 2018, the number of TLC-licensed vehicles increased by 130%, from around 52,000 to over 120,000.

Source: NYC TLC licensing data
2013 to 2017: Manhattan CBD traffic speeds declined 15% overall; 18% during the workday

Source: Graph by NYC DOT. Bullet from Schaller Consulting
Transit Rider, Beware the Externality!

Average NYC Bus Speeds

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<tr>
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<th>Speed (mph)</th>
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<tbody>
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<td>Citywide</td>
<td>7.4</td>
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<tr>
<td>Manhattan</td>
<td>5.5</td>
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<tr>
<td>Brooklyn</td>
<td>6.3</td>
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<tr>
<td>The Bronx</td>
<td>6.5</td>
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<tr>
<td>Queens</td>
<td>8.1</td>
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<tr>
<td>Staten Island</td>
<td>11.4</td>
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</tbody>
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Source: [NYC Comptroller](https://www.nyc.gov), 2017
Addressing Externalities

- Vehicle cap
- Congestion pricing
- Parking regulation/pricing

This photo and cover photo courtesy of NYC DOT.