Imperial County
Cross-Border Survey

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### Distribution of Completed Surveys by Survey Location

<table>
<thead>
<tr>
<th>Location</th>
<th>Number of Completed Surveys</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexicali/Calexico</td>
<td>3,043</td>
<td>58%</td>
</tr>
<tr>
<td>Downtown</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calexico East</td>
<td>1,142</td>
<td>22%</td>
</tr>
<tr>
<td>Algodones</td>
<td>1,097</td>
<td>20%</td>
</tr>
<tr>
<td>Total</td>
<td>5,282</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Distribution of Completed Surveys by Mode of Transportation

<table>
<thead>
<tr>
<th>Mode</th>
<th>Number of Completed Surveys</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passenger Vehicles</td>
<td>2,918</td>
<td>55%</td>
</tr>
<tr>
<td>Pedestrians</td>
<td>1,873</td>
<td>36%</td>
</tr>
<tr>
<td>Commercial Trucks</td>
<td>491</td>
<td>9%</td>
</tr>
<tr>
<td>Total</td>
<td>5,282</td>
<td>100%</td>
</tr>
</tbody>
</table>

[Imperial County Study Area Map]
Mexicali-Calexico Downtown

- Passenger Vehicles: Northbound and Southbound (weekday)
  - Weekday: 55% passenger cars
  - Weekend: 48% passenger cars
  - Weekday and Weekend: 58% single occupant vehicles
- Residence
  - 70% Mexicali weekday/61% weekend
  - 28% California weekday (17% Calexico—9% other I.V.)
  - 36% California weekend (21% Calexico—13% other I.V.)
  - 2% other Mexico weekday/1% weekend
Trip Purpose
Origin-Destination
Frequency

- Workplace (weekdays—agriculture)
- Shopping (weekends)
- 92%-95% home-based

Frequency:

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Weekday</th>
<th>Weekend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily</td>
<td>19%</td>
<td>6%</td>
</tr>
<tr>
<td>Weekly</td>
<td>72%</td>
<td>75% (mean 2.82)</td>
</tr>
<tr>
<td>Monthly</td>
<td>8%</td>
<td>17% (mean 1.76)</td>
</tr>
</tbody>
</table>

(mean 3.21) | (mean 1.57)
Trip Purpose
Northbound Passenger Vehicles - Mexicali/Calexico Downtown

- Workplace: 38% (Weekday-North), 26% (Weekend-North)
- Shopping: 35% (Weekday-North), 29% (Weekend-North)
- Home: 31% (Weekday-North), 12% (Weekend-North)
- Visit Family/Friends: 6% (Weekday-North), 8% (Weekend-North)
- School: 5% (Weekday-North), 5% (Weekend-North)
- Auto-Related: 5% (Weekday-North), 5% (Weekend-North)
- Dining/Entertain: 2% (Weekday-North), 3% (Weekend-North)
- Business Travel: 1% (Weekday-North), 2% (Weekend-North)
- Medical: 1% (Weekday-North), 1% (Weekend-North)

Weekday-North (N=14,157)
Weekend-North (N=14,420)
Origin-Destination
Northbound & Southbound Passenger Vehicles (Weekday)
Northbound Only (Weekend)--Mexicali-Calexico Downtown

- Home-Work: 38% (Weekday), 17% (Weekend)
- Home-Shopping: 31% (Weekday), 25% (Weekend)
- Home-Other than Work, Shopping, etc.: 27% (Weekday)
- Home-Social/Recreation: 13% (Weekday)
- Home-School: 13% (Weekday)
- Home-Uncertain Attraction: 8% (Weekday)
- Work-Other than Home or Work: 4% (Weekday)
- Other than Home or Work-Other than Home or Work: 7% (Weekday)
- Northbound & Southbound Passenger Vehicles (Weekday): 4% (Weekday), 2% (Weekend)
- Other than Home or Work-Other than Home or Work: 5% (Weekday)
- Northbound Only (Weekend)--Mexicali-Calexico Downtown: 3% (Weekday), 3% (Weekend)
Occupation of Commuters to/from Work
Northbound Passenger Vehicles--Mexicali/Calexico Downtown

Other includes teachers, students, doctors, dentists, business owners
Northbound Origin = Municipality of Mexicali
- 96% weekday/2% Mexicali Valley
- 94% weekend/2% Mexicali Valley/3% San Felipe

Northbound Destination = Calexico
- 65% weekday/15% El Centro/14% other I.V.
- 61% weekend/18% El Centro/11% other I.V.

Southbound Origin = Calexico
- 68%/12% El Centro/15% other I.V.

Southbound Destination = Municipality of Mexicali (98%)
Mexicali-Calexico Downtown

**Pedestrians:**
Northbound and Southbound

- **Residence**
  - 64% Mexicali weekday/59% weekend
  - 33% California weekday—21% Calexico/10% other I.V.
  - 37% California weekend—22% Calexico/11% other I.V.
  - 2% weekday/1% weekend—other Mexico
Trip Purpose

Origin-Destination

- Workplace (agriculture)
- Visit family and friends
- Shopping

- 92%-91% home-based
Trip Purpose
Northbound Pedestrians—Mexicali/Calexico Downtown

<table>
<thead>
<tr>
<th>Trip Purpose</th>
<th>Weekday-North (N=17,496)</th>
<th>Weekend-North (N=18,006)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workplace</td>
<td>36%</td>
<td>29%</td>
</tr>
<tr>
<td>Visit Family/Friends</td>
<td>28%</td>
<td>20%</td>
</tr>
<tr>
<td>Shopping</td>
<td>24%</td>
<td>17%</td>
</tr>
<tr>
<td>Business Travel</td>
<td>5%</td>
<td>11%</td>
</tr>
<tr>
<td>Recreation</td>
<td>8%</td>
<td>6%</td>
</tr>
<tr>
<td>School</td>
<td>5%</td>
<td>1%</td>
</tr>
<tr>
<td>Dining/Entertain</td>
<td>2%</td>
<td>1%</td>
</tr>
<tr>
<td>Other</td>
<td>3%</td>
<td>4%</td>
</tr>
</tbody>
</table>
Trip Purpose
Southbound Pedestrians–Mexicali/Calexico Downtown

- Shopping: 41%
- Visit Family/Friends: 29%
- Workplace: 22%
- Business Travel: 25%
- Dining/Entertain: 19%
- Recreation: 7%
- School: 10%
- Vacation: 13%
- Other: 7%

Weekday-South (N=13,414)
Weekend-South (N=12,842)
Origin-Destination
Northbound Pedestrians–Mexicali/Calexico Downtown

- Weekday-North (N=17,496)
- Weekend-North (N=18,006)

Home-Social/Recreation: 48%
Home-Work: 29%
Home-Shopping: 23%
Home-School: 19%
Work-Other than Home or Work: 16%
Work-Work: 5%
Other than Home or Work-Other than Home or Work: 0%
Origin-Destination
Southbound Pedestrians-- Mexicali/Calexico Downtown

- Home-Work
- Home-Shopping
- Home-Social/Recreation
- Home-Other than Work, Shopping, etc.
- Home-School
- Home-Uncertain Attraction
- Work-Other than Home or Work
- Work-Work
- Other than Home or Work-Other than Home or Work

Weekday-South (N=13,414) vs. Weekend-South (N=12,842)
Occupation of Commuters to/from Work
Northbound Pedestrians-- Mexicali/Calexico Downtown

Agriculture
Retail
Construction
Manufacturing
Hotel/Motel
Service
Restaurant
Government
Other

Weekday-North (N=17,496)
Weekend-North (N=18,006)
Occupation of Commuters to/from Work
Southbound Pedestrians– Mexicali/Calexico Downtown

- **Agriculture**: 49%
- **Restaurant**: 14%
- **Construction**: 14%
- **Service**: 19%
- **Retail**: 12%
- **Manufacturing**: 14%
- **Hotel/Motel**: 1%
- **Government**: 3%
- **Technology**: 3%
- **Other**: 2%

*Other includes teachers, students, medical, business owners*
- Northbound Origin = Municipality of Mexicali
  - 99% weekday
  - 97% weekend

- Northbound Destination = Calexico
  - 69% weekday/13% El Centro/ 9% other I.V.
  - 81% weekend/ 7% El Centro/ 7% other I.V.

- Southbound Origin = Calexico
  - 75% weekday/10% El Centro/ 9% other I.V.
  - 75% weekend/11% El Centro/ 8% other I.V.

- Southbound Destination = Municipality of Mexicali
  - 98% weekday/100% weekend
### Mexicali/Calexico Downtown Pedestrians:

#### Trip Frequency

<table>
<thead>
<tr>
<th></th>
<th>Weekday:</th>
<th>Weekend:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily</td>
<td>39%</td>
<td>10%</td>
</tr>
<tr>
<td>Weekly (mean)</td>
<td>48% (1.35)</td>
<td>53% (1.53)</td>
</tr>
<tr>
<td>Monthly (mean)</td>
<td>12% (1.67)</td>
<td>15% (1.98)</td>
</tr>
<tr>
<td>Yearly (mean)</td>
<td>1% (2.27)</td>
<td>15% (2.07)</td>
</tr>
<tr>
<td>Less than</td>
<td>7%</td>
<td>7%</td>
</tr>
</tbody>
</table>

#### Length of Stay

<table>
<thead>
<tr>
<th></th>
<th>Overnight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekday</td>
<td>24%--average 4.09 days</td>
</tr>
<tr>
<td>Weekend</td>
<td>17%--average 2.48 days</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>One Day Stays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekday</td>
<td>76%--average 4.66 hours</td>
</tr>
<tr>
<td>Weekend</td>
<td>83%--average 4.09 hours</td>
</tr>
</tbody>
</table>
Calexico East

**Passenger Vehicles: North**

- **Weekday:** Even distribution among passenger cars, SUVs, vans, pickup trucks
- **Weekend:** 40% passenger cars—5% SUVs
- **Weekday and Weekend:** 43% single occupant vehicles
- More vehicles with children (27 percent weekday and 29 percent weekend)
- **Residence**
  - 71% Mexicali weekday/76% weekend
  - 26% California weekday (12% Calexico, 7% El Centro, 3% other I.V.)
  - 19% California weekend (6% Calexico, 5% El Centro, 3% other I.V.)
  - 2% Arizona weekday (3% weekend)
  - 1% other Mexico weekday/2% weekend
## Trip Purpose

### Origin-Destination

- **Shopping**
- **Workplace (services)**
- **95%-92% home-based**

### Frequency:

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Weekday</th>
<th>Weekend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily</td>
<td>11%</td>
<td>14%</td>
</tr>
<tr>
<td>Weekly</td>
<td>72% (mean 2.89)</td>
<td>61% (mean 2.04)</td>
</tr>
<tr>
<td>Monthly</td>
<td>15% (mean 1.84)</td>
<td>25% (mean 1.70)</td>
</tr>
</tbody>
</table>
Trip Purpose
Northbound Passenger Vehicles - Calexico East

- Weekday-North (N=8,374)
- Weekend-North (N=8,854)
Origin-Destination
Passenger Vehicles - Calexico East

Weekday-North (N=8,374)
Weekend-North (N=8,854)

Weekday-North
- Home-Shopping: 10%
- Home-Work: 6%
- Other than Home or Work: 2%
- Work-Other than Home or Work: 2%
- Home-School: 1%
- Home-Social/Recreation: 1%
- Home-Uncertain Attraction: 1%
- Other than Home or Work-Other than Home...

Weekend-North
- Home-Shopping: 10%
- Home-Work: 6%
- Other than Home or Work: 2%
- Work-Other than Home or Work: 2%
- Home-School: 1%
- Home-Social/Recreation: 1%
- Home-Uncertain Attraction: 1%
- Other than Home or Work-Other than Home...
Mexicali is the primary city of origin
- (97% weekday and 94% weekend).
- San Felipe contributed 4% of the origin locations for the weekend.

Destinations are Imperial Valley dominated
- Calexico (63% weekday and 61% weekend)
- El Centro (20% weekday and 23% weekend)
Algodones

- **Passenger Vehicles: North**
  - Mostly passenger cars (35% weekday/41% weekend) and pickup trucks (33% weekday and 26% weekend)
  - Weekday and Weekend: 77%-80% 1-2 occupant vehicles
  - Residence—different weekday vs. weekend
    - Weekday: 37% Arizona, 21% Mexico (5% Mexicali), 18% Oregon-Washington, 14% Other states/Canada, 10% California
    - Weekend: 54% Mexico (11% Mexicali), 24% Arizona, 5% California
Trip Purpose
Origin-Destination

- Medical/Dental
- Shopping
- 72%-73% home-based
  - lower % than other POEs

Frequency:

<table>
<thead>
<tr>
<th></th>
<th>Weekday</th>
<th>Weekend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily</td>
<td>10%</td>
<td>6%</td>
</tr>
<tr>
<td>Weekly</td>
<td>51% (mean 2.18)</td>
<td>71% (mean 3.55)</td>
</tr>
<tr>
<td>Monthly</td>
<td>38% (mean 1.03)</td>
<td>18% (mean 1.74)</td>
</tr>
</tbody>
</table>
Trip Purpose
Northbound Passenger Vehicles - Algodones

- **Medical**: 43%
- **Shopping**: 40%
- **Visit**: 10%
- **Workplace**: 9%
- **Business Travel**: 11%
- **Home**: 25%

**Trip Purpose**

- **Northbound Passenger Vehicles - Algodones**

- **Weekday-North (N=1,758)**
- **Weekend-North (N=1,465)**
84% weekday and 90% weekend—Yuma area destinations
Algodones Pedestrians:

Northbound and Southbound Residence

- 35% Arizona weekday/26% weekend
- 15% Canada weekday/17% weekend
- 13% Mexico weekday/4% weekend
- 12% Washington-Oregon-Idaho weekday/
  19% weekend
- 8% California weekday/9% weekend
- 17% Other states weekday/25% weekend
Trip Purpose
Origin-Destination

- Shopping
- Medical/Dental
- 77%-86% home-based
  - lower % than other POEs
Trip Purpose
Combined Northbound and Southbound Algodones Pedestrians

- Shopping: 36% (Weekday), 40% (Weekend)
- Dentist: 23% (Weekday), 29% (Weekend)
- Recreation: 8% (Weekday), 6% (Weekend)
- Home: 5% (Weekday), 3% (Weekend)
- Doctor: 6% (Weekday), 4% (Weekend)
- Dining/Entertain: 5% (Weekday), 4% (Weekend)
- Vacation: 1% (Weekday), 2% (Weekend)
- Medicine: 2% (Weekday), 2% (Weekend)
- Visit Family/Friends: 2% (Weekday), 1% (Weekend)
- Work/School/Business: 1% (Weekday), 3% (Weekend)
- Other: 7% (Weekday), 12% (Weekend)

Weekday (N=11,011)
Weekend (N=10,673)
Origin-Destination
Northbound Algodones Pedestrians

- Home-Other than Work, Shopping, etc.
- Home-Shopping
- Home-Social/Recreation
- Home-Uncertain Attraction
- Home-Work
- Other than Home or Work

- Weekday-North (N=5,782)
- Weekend-North (N=5,578)

<table>
<thead>
<tr>
<th>Activity</th>
<th>Weekday-North</th>
<th>Weekend-North</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home-Other than Work, Shopping, etc.</td>
<td>28%</td>
<td>30%</td>
</tr>
<tr>
<td>Home-Shopping</td>
<td>26%</td>
<td>31%</td>
</tr>
<tr>
<td>Home-Social/Recreation</td>
<td>6%</td>
<td>13%</td>
</tr>
<tr>
<td>Home-Uncertain Attraction</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Home-Work</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Other than Home or Work</td>
<td>37%</td>
<td>23%</td>
</tr>
</tbody>
</table>
Origin-Destination
Southbound Algodones Pedestrians

- Home-Shopping: 41%
- Home-Other than Work, Shopping, etc.: 36%
- Home-Social/Recreation: 14%
- Work-Other than Home or Work: 3%
- Home-Work: 3%

Weekday-South (N=5,229)
Weekend-South (N=5,095)
### Algodones Pedestrians:

#### Trip Frequency

- **Weekday:**
  - 1% daily
  - 38% weekly
  - 16% monthly
  - 45% yearly

- **Weekend:**
  - 3% daily
  - 24% weekly
  - 28% monthly
  - 45% yearly

#### Length of Stay

- **Overnight:**
  - Weekday—17%—average 2.78 days
  - Weekend—5%—average 1.84 days

- **One Day Stays**
  - Weekday—83%—average 2.21 hours
  - Weekend—95%—average 2.35 hours
Calexico East
Commercial Trucks

Cargo picked up and dropped off in Mexicali-Calexico
Many southbound trucks empty
Few driver changes at the border
(max=9% weekday northbound)
Mexican City/Region Where Cargo Picked Up
Northbound Trucks

- Weekday-Northbound (N=1,071)
- Weekend-Northbound (N=404)

- Mexicali: 64% Weekday, 80% Weekend
- Mexicali Valley: 27% Weekday, 7% Weekend
- Caborca/Sonora: 6% Weekday, 9% Weekend
- San Luis Rio Colorado: 3% Weekday, 4% Weekend
U.S. City Where Cargo Picked Up Southbound Trucks

<table>
<thead>
<tr>
<th>City</th>
<th>Weekday-Southbound (N=1,093)</th>
<th>Weekend-Southbound (N=500)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calexico</td>
<td>73%</td>
<td>76%</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>13%</td>
<td>12%</td>
</tr>
<tr>
<td>El Centro</td>
<td>13%</td>
<td>2%</td>
</tr>
<tr>
<td>Modesto</td>
<td>7%</td>
<td></td>
</tr>
</tbody>
</table>
U.S. City Where Cargo Originated
Southbound Trucks

Weekday-Southbound (N=1,093)
Weekend-Southbound (N=500)

- Calexico: 73% (Weekday), 29% (Weekend)
- Los Angeles: 38% (Weekday), 19% (Weekend)
- El Centro: 8% (Weekday), 8% (Weekend)
- Ontario: 13% (Weekend)
- Modesto: 8% (Weekend)
U.S. City Where Cargo to be Dropped Off
Northbound Trucks

Weekday:
86% dropped off in California
14% dropped off in Arizona

Weekend:
88% dropped off in California
12% dropped off in Arizona
Percentage of Northbound Trucks with Cargo that Continues Beyond Drop Off

Final Destinations: Los Angeles area (39%), various U.S. locations including Charleston, S.C., Miami, FLA, Stockton and Salinas, CA (47%), and international locations including England and Japan (14%).
Percentage of Southbound Trucks with Cargo that Continues Beyond Drop-Off
(Drop-off location: Mexicali 94% weekend-100% weekday)
Trip Frequency

Northbound
- More than one time/day
  - 41% weekday
  - 80% weekend
- Once per day
  - 47% weekday
  - 12% weekend
- Weekly
  - 11% weekday
  - 8% weekend

Southbound
- More than one time/day
  - 85% weekday
  - 89% weekend
- Once per day
  - 12% weekday
  - 8% weekend
- Weekly
  - 3% weekday
  - 3% weekend
Cargo

- Similar northbound and southbound
  - Agricultural products
  - Heavy equipment
  - Electronics
  - Other foods/juices (southbound)
Type of Cargo Southbound Trucks

- **Heavy Equipment**: 17%
- **Agriculture--not identified specifically**: 17%
- **Other Foods/Juices**: 17%
- **Electronics**: 21%
- **Paper Goods**: 14%
- **Glass**: 11%
- **Housewares**: 8%
- **Auto/Truck Parts**: 5%

**Weekday-Southbound (N=1,093)**

**Weekend-Southbound (N=500)**