Updating the PSRC Forecast Products

June 9, 2020
Land Use Technical Advisory Committee
Overview

- Planning Timeline
- Goals
- Proposed Updates – content and schedule
- Regional Forecasts
Consistent with planning projects timeline

*Reflects adjusted comprehensive plan due dates for King, Pierce and Snohomish in ESHB 2342
Meet the following goals

• Update current LUV product

• Support major internal and external planning efforts

• Reflect both VISION 2050 and initial implementation work
Current LUV product

<table>
<thead>
<tr>
<th>Input</th>
<th>LUV.2 (Current Product)</th>
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<tbody>
<tr>
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Grey shading indicates inputs used in the current LUV.2 forecast product

• Current LUV released April 2017
## Limited LUV update in 2020

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<th>2020 Limited LUV Update</th>
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### Key Points:

- **Current LUV released April 2017**
- **Adjust jurisdiction control totals:**
  - Latest regional forecast
  - OFM forecasts (distribution of growth among counties)
- **Maintain 2040 horizon year**
  - Potential confusion with VISION 2050
  - Not extend further beyond local planning horizons

Grey shading indicates inputs used in the current LUV.2 forecast product
Release a full LUV update in 2022

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<th>Full LUV Update (2022)</th>
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- Post-VISION 2050 Growth Targets
- Exact timing to be determined
Release a full LUV update in 2024/25

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- Comp plan updates complete
- FLU updated accordingly
- Likely move to a 2022 Base Year
2022 RTP analysis

- VISION 2050 Regional Growth Strategy

- Refresh with updated input
  - 2018 Base Year data
  - Updated FLU

- 2050 control totals would not change - location of growth within jurisdictions could be altered
Timing for the next regional forecast

- Normal cycles included in trend data & behavioral assumptions

Source: PSRC, ESD, NBER

Timing for the next regional forecast

- Normal cycles included in trend data & behavioral assumptions
  - However, this is not a normal event

- Uncertainty around depth and duration of pandemic impacts

- Reassess by summer 2021 on timing for next update
  - 2022 or 2023
    - Coordination with OFM 2022 projections ?
    - Input to 2022 LUV or 2024/25 LUV ?
Thank you.

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Overview

- Contents of the base year database
  - Job data from LODES
  - Future year land use (FLU)
- Schedule
Updating from 2014 to 2018 conditions

• Primary components:
  • Parcels & Buildings from assessor’s data
  • Synthetic Households and Persons records
  • Jobs
  • Schools
  • GIS overlays (environmental areas which limit development)
  • FLU database
  • Major planned developments (MPDs)

• Following same blueprint
Non-confidential LODES job data inputs

• LODES = LEHD Origin-Destination Employment Statistics
  • Published at block level ([https://lehd.ces.census.gov/data/](https://lehd.ces.census.gov/data/))
  • Same source data as Covered Employment but with “noise” added
  • Adjustments from work with QCEW applied

*With QCEW, PSRC knows granular detail but can’t share it*
*With LODES, we can share but don’t know the granular detail*

• Swapped into 2014 Base Year inputs for VISION 2050 modeling work and alternative LUV.2 product

• Latest available is 2017 with 2018 scheduled for fall release
How has LODES compared to QCEW?

• 2014 spatial correlations at FAZ and TAZ

• SoundCast testing showed minimal variation
FLU used to represent development capacity

- Primarily zoning codes
  - Min and max allowable densities (DU/Acre and FAR)
  - Allowable uses (residential, commercial, industrial, etc.)
  - Maximum heights

- Work ongoing
  - Assembled inventory of codes by jurisdiction

- LUTAC assistance very welcome
  - Working towards review period sometime this summer
  - Translating codes to density measures
Work ongoing through the summer

• Phase 1: Data needed for SoundCast testing
  • Parcels, Buildings, HHs, Persons, Jobs, Schools

• Phase 2: Remaining inputs for UrbanSim runs
  • FLU, Overlays, MPDs

• Hip-deep in Phase 1 and FLU assembly work now

• Return to LUTAC in September with more details
Thank you.