

Yours Truly

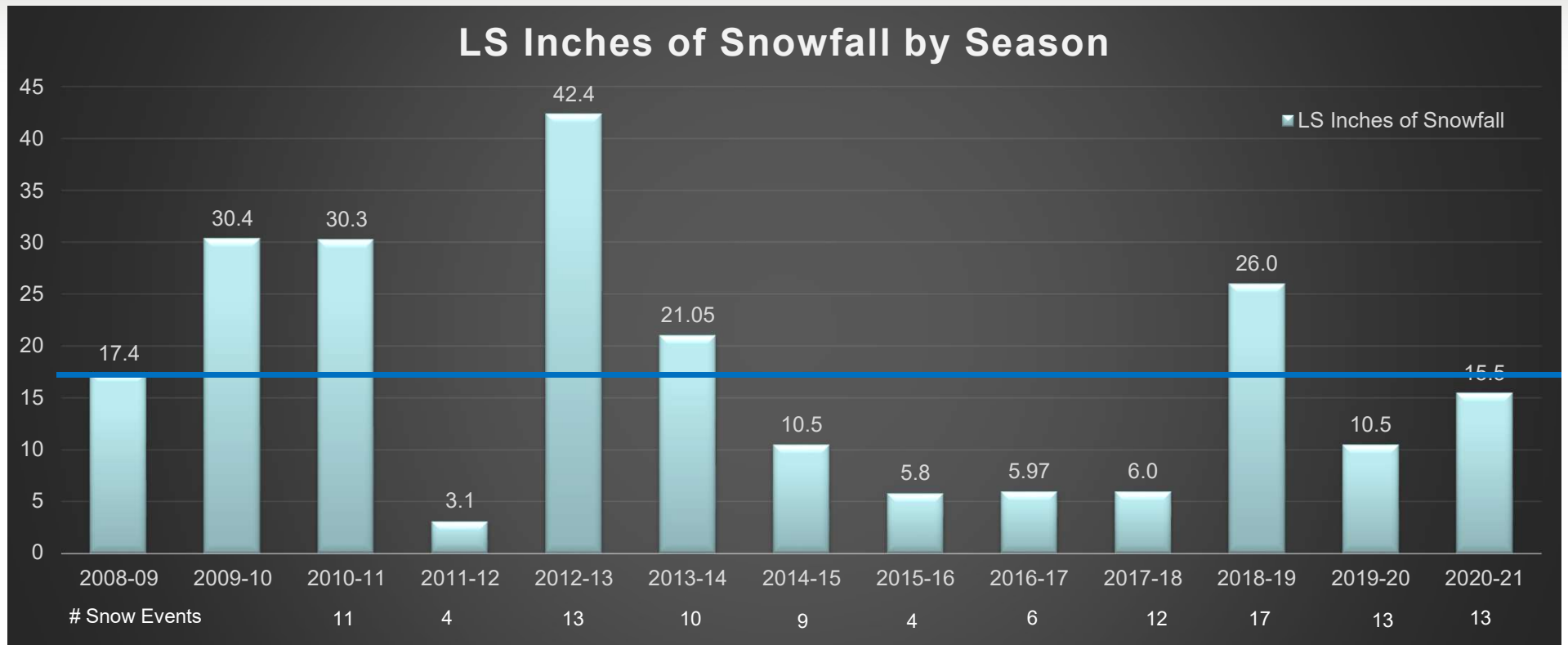
Snow Plan
Service Levels

Public Works Committee
October 11, 2021

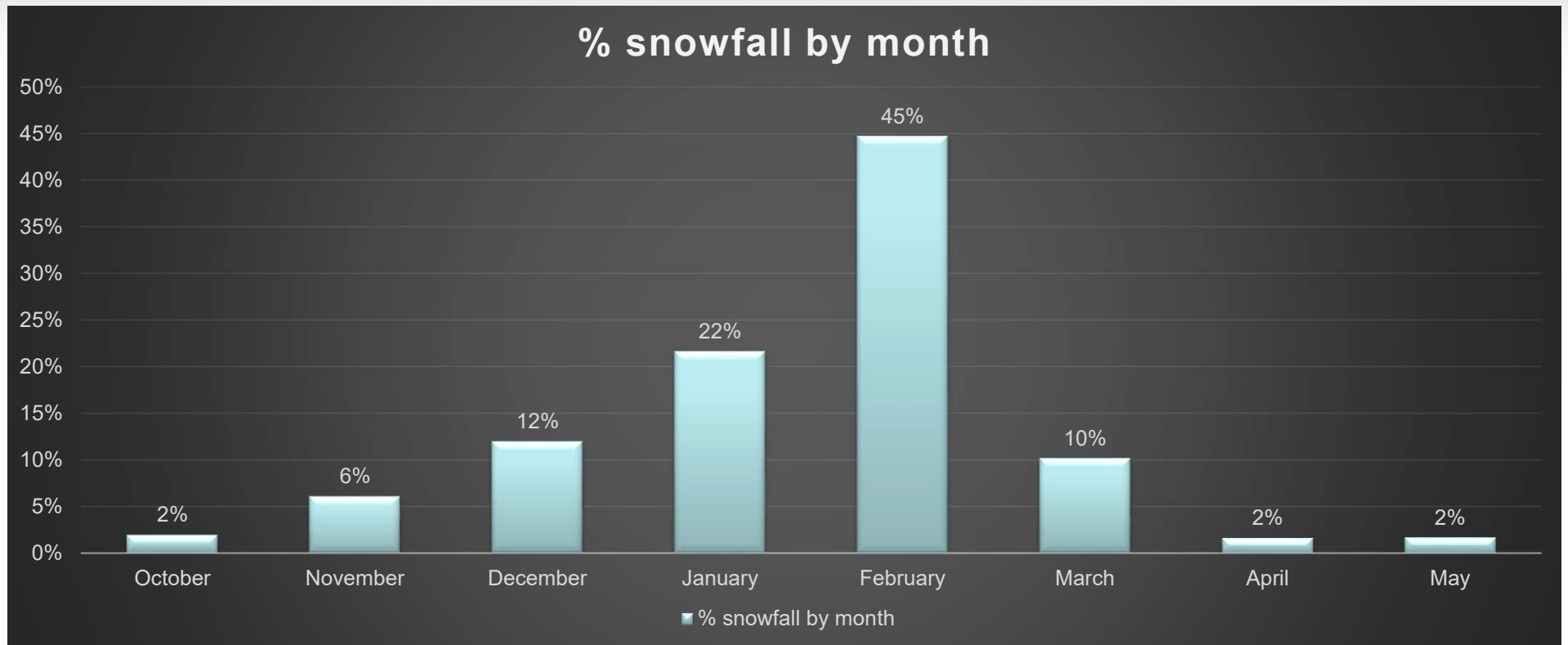
Outline

- Snow Season History
- Snow Plan Evolution
- Comparator Cities
- Level of Service (LOS)
- Recommendation
- Questions

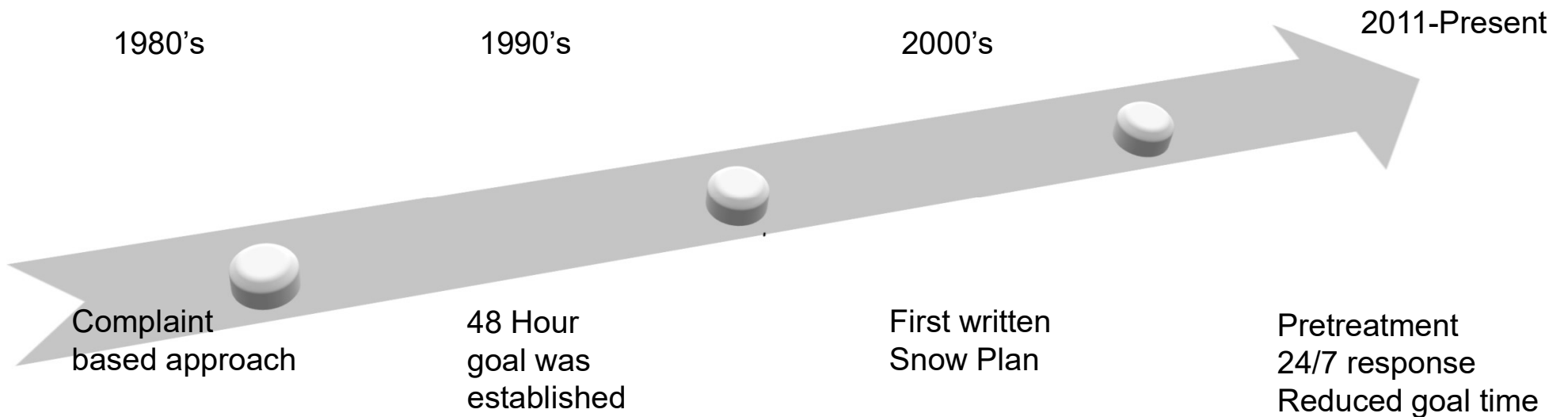
History



History



Snow Plan Evolution



Comparator Cities

	Population	Lane Miles
• Lee's Summit	101,108	1,057
• Overland Park	191,238	2,000+
• Lenexa	57,434	820
• Blue Springs	58,603	800*
• Shawnee	67,311	780
• Independence	123,011	1,500*
• Olathe	141,290	1,300



LOS 24/7 Operations

- **Lee's Summit**
- Overland Park
- Lenexa
- Blue Springs
- ~~Shawnee~~
- Independence
- Olathe



LOS Pretreatment

- **Lee's Summit**
- ~~Overland Park~~
- ~~Lenexa~~
- Blue Springs
- ~~Shawnee~~
- Independence
- Olathe



LOS Time Goals

- **Lee's Summit** **24-48 Hours**
 - Primary (P) and Secondary (S) 12 hours
- Overland Park 12 Hours P&S
- Lenexa 48 Hours
- ~~Blue Springs~~
- ~~Shawnee~~
- Independence 12-24 Hours P&S
- Olathe 48 Hours



LOS Snow Accumulations for Plowing

- Primary and Secondary Streets
 - **Lee's Summit** 1 Inch
 - Overland Park <1 Inch
 - Lenexa 2 Inches
 - Blue Springs $\frac{3}{4}$ Inch
 - Shawnee 1-2 Inches
 - Independence <1 Inch
 - Olathe <1 Inch

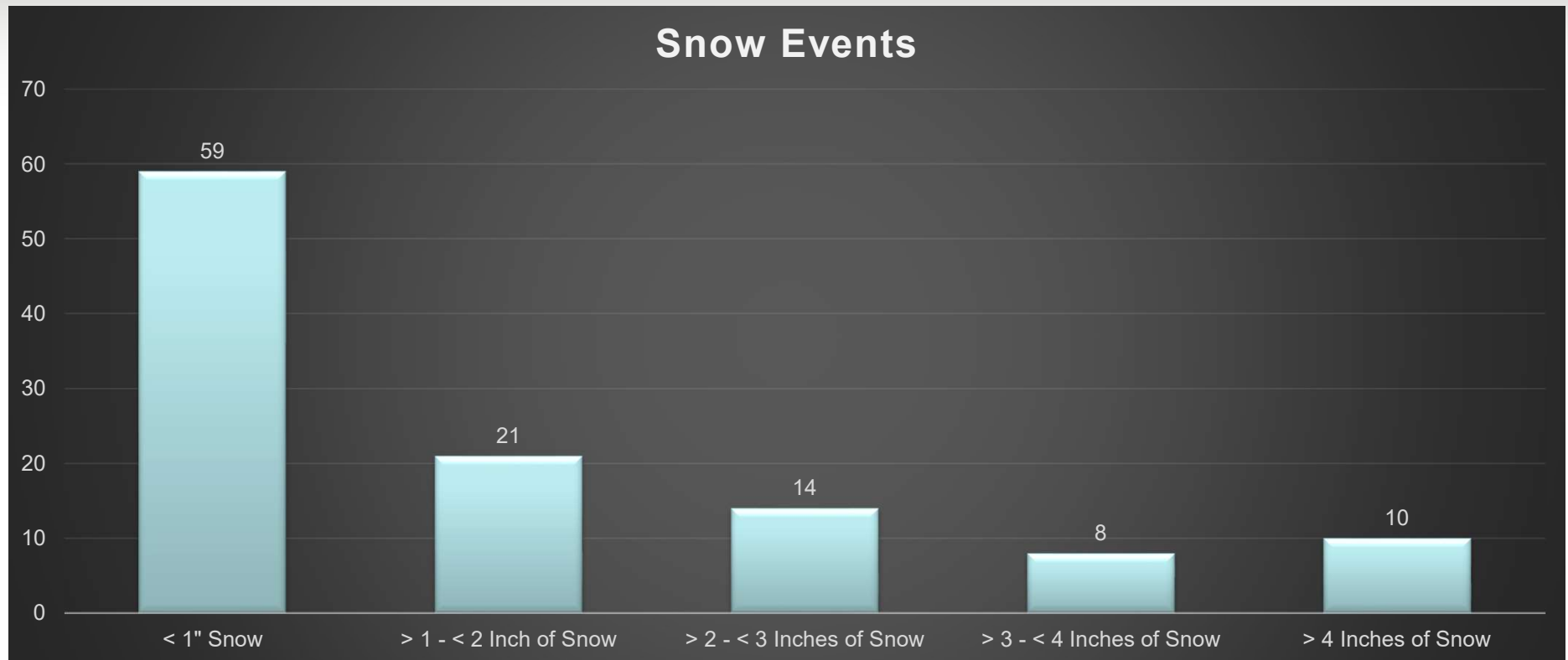


LOS Snow Accumulations for Plowing

- Residential Streets
 - **Lee's Summit** 1 Inch
 - Overland Park 2 Inches*
 - Lenexa 2 Inches
 - Blue Springs >2 Inches
 - Shawnee 2-4 Inches*
 - Independence <1 Inch*
 - Olathe <1 Inch



LOS Snow Event History



Recommendations

- Staff recommends to Public Works Committee:
 - No change to 24/7 operations when it is effective
 - No change to pre-treat streets when possible
 - No change to current goal times
 - No change to Primary & Secondary streets 1-inch snow threshold
 - Change the Residential streets snow threshold to 2 inches

Impacts

Residential Streets Plowing Snow Threshold of 2” rather than 1”

- Retain our Goal Times
- Better Aligns our Snow Plan with our Peer Cities
- Improved Efficiency and Resource Management
- More Notice for Residents and Forecasting Deployments
- More Clear Prioritization (Primaries and Secondaries)
- Less Wear and Tear on Equipment (Greater “Up-Time”/Availability)
- Reduce Employee Fatigue (Making a Difference, Long Shifts, Off Hours)
- Perceived LOS Decline on Residential Streets (1” to 2” of Snow)
- Public Re-Education Process for Changed Expectations

Questions

