

Technical Advisory Committee (TAC)

Meeting #3 | November 19, 2020



Introductions

- IDOT Bureau of Planning
- IDOT Aeronautics
- TAC Members
- Consultant team
 - Kimley-Horn
 - CMT
 - Hanson
 - EBP US
 - Kaplan & Mello



Kimley»»Horn



Agenda

1. Since we last met...

- IASP and EIA Progress
- Inventory Update
- Discussion: Multimodal Integration and Access
- Discussion: Land Use Evaluation and Environmental Considerations

2. Project Update: Airport Roles

3. Project Update: System Performance

4. Project Update: Issues

5. Project Update: Economic Impact Study

6. Next Steps

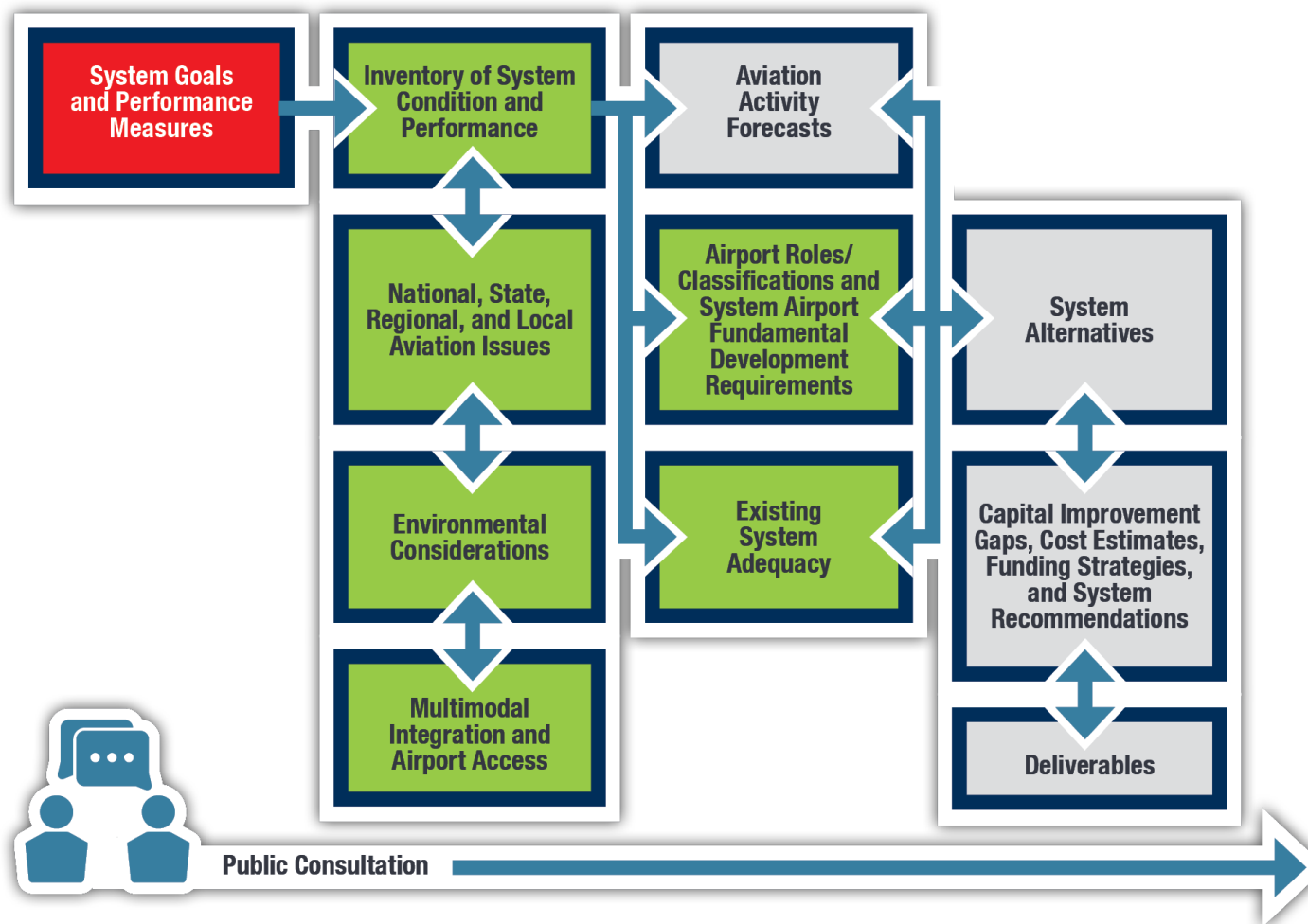




1 Since We Last Met...



IASP Progress



EIA Progress



Finalized Inventory Data Collection



- Virtual site visits complete
- Comprehensive data set developed
- Additional outreach conducted where necessary
- Inventory chapter underway - developed with the System Adequacy chapter

Facility Information						Additional Airside Facilities			
Associated City	Airport Name	3letter ID	NPIAS Y/N	UPDATE Federal Role	Pending 2020 State Role	Air Traffic Control Tower?	24/7 ATCT?	On-site Wx Reporting	Wx Reporting Phone Number
Alton/St Louis	St Louis Regional	ALN	NPIAS	Regional	Illinois Regional - 18	Yes	No	Yes	618-259-7231
Beardstown	Greater Beardstown	K06	NPIAS	Basic	Illinois Basic - 16	No	Off	No	
Belleville	Scott AFB/MidAmerica	BLV	NPIAS	Non-hub	Commercial Service - 12	Yes	Yes	No	
Benton	Benton Municipal	H96	NPIAS	Basic	Illinois Basic - 16	No	Off	No	-
Bloomington/Normal	Central Illinois Regional	BMI	NPIAS	Non-hub	Commercial Service - 12	Yes	No	Yes	309-661-9478
Bolingbrook	Bolingbrook's Clow Int'l	1C5	NPIAS	Local	Illinois Local - 26	No	No	No	
Cahokia/St Louis	St Louis Downtown	CPS	NPIAS	Regional	Illinois Regional - 18	Yes	No	No	618-332-0001
Cairo	Cairo Regional	CIR	NPIAS	Basic	Illinois Basic - 16	No	Off	Yes	618-734-9173
Canton	Ingersoll	CTK	NPIAS	Local	Illinois Local - 26	No	Off	No	
Carbondale/Murphysboro	Southern Illinois	MDH	NPIAS	Regional	Illinois Regional - 18	Yes	No	Yes	618-529-1821
Carmi	Carmi Municipal	CUL	NPIAS	Local	Illinois Local - 26	No	Off	Yes	618-382-3760
Casey	Casey Municipal	1H8	NPIAS	Local	Illinois Local - 26	No	Off	No	none
Centralia	Centralia Municipal	ENL	NPIAS	Local	Illinois Local - 26	No	Off	Yes	618-533-4417
Champaign/Urbana	University of Illinois-W	CMI	NPIAS	Non-hub	Commercial Service - 12	Yes	No	Yes	217-355-4072

Chapter 5. Multimodal Integration and Access

What did we evaluate?

- Roadway connectivity
- Multimodal integration
- Long-range transportation planning

Why is it important?

- Furthers contextual understanding of the Illinois airport system
- Identifies important links between aviation and other modes of transportation
- Identifies opportunities and challenges for future multimodal integration

DISCUSS:

What did you think?



Chapter 6. Land Use Evaluation and Environmental Considerations

What did we evaluate?

- IDOT Aeronautics policies
- Land use compatibility at system airports
- Environmental considerations that impact development at system airports

Why is it important?

- Supports compatible land uses
- Supports safe and efficient operations
- Supports environmentally responsible aviation development

DISCUSS:

What did you think?





2 Project Update

Airport Roles



Purpose of Airport Roles

- Classify functions and activities at airports
- Coordinate planning of facilities
- Identify facility needs based on activities supported

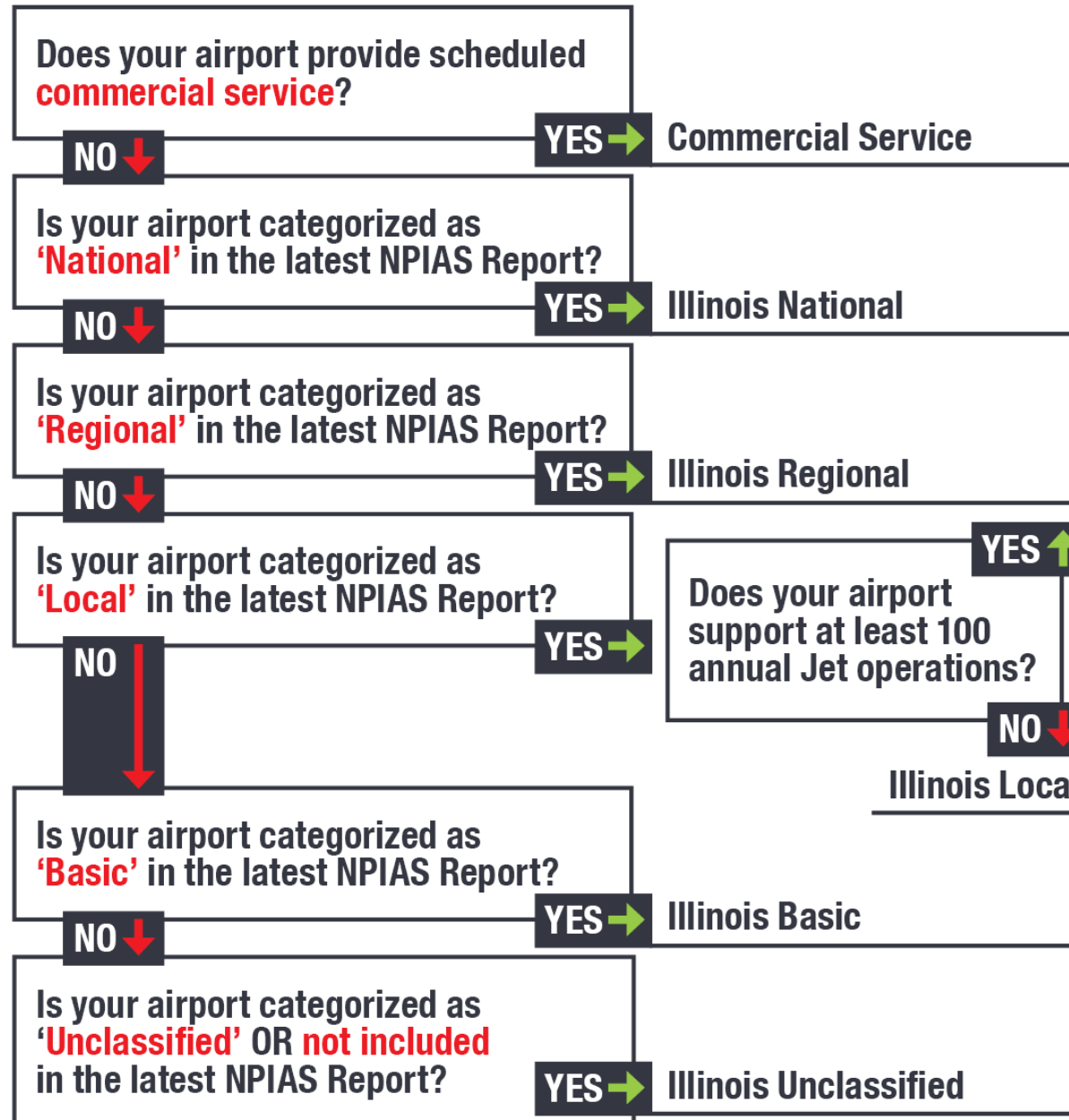
To understand how airports contribute to the community and state

Identifying Airport Roles

- Reviewed latest NPIAS (2021-2025) update
- Evaluated multiple airport classification methodologies
- Adhere to NPIAS classifications with exceptions:
 - Any airport supporting scheduled air service was classified as “Commercial Service”
 - Non-NPIAS and NPIAS Unclassified became “Illinois Unclassified”
 - NPIAS Local airports with 100+ Jet Operations became “Illinois Regional”



Role Analysis



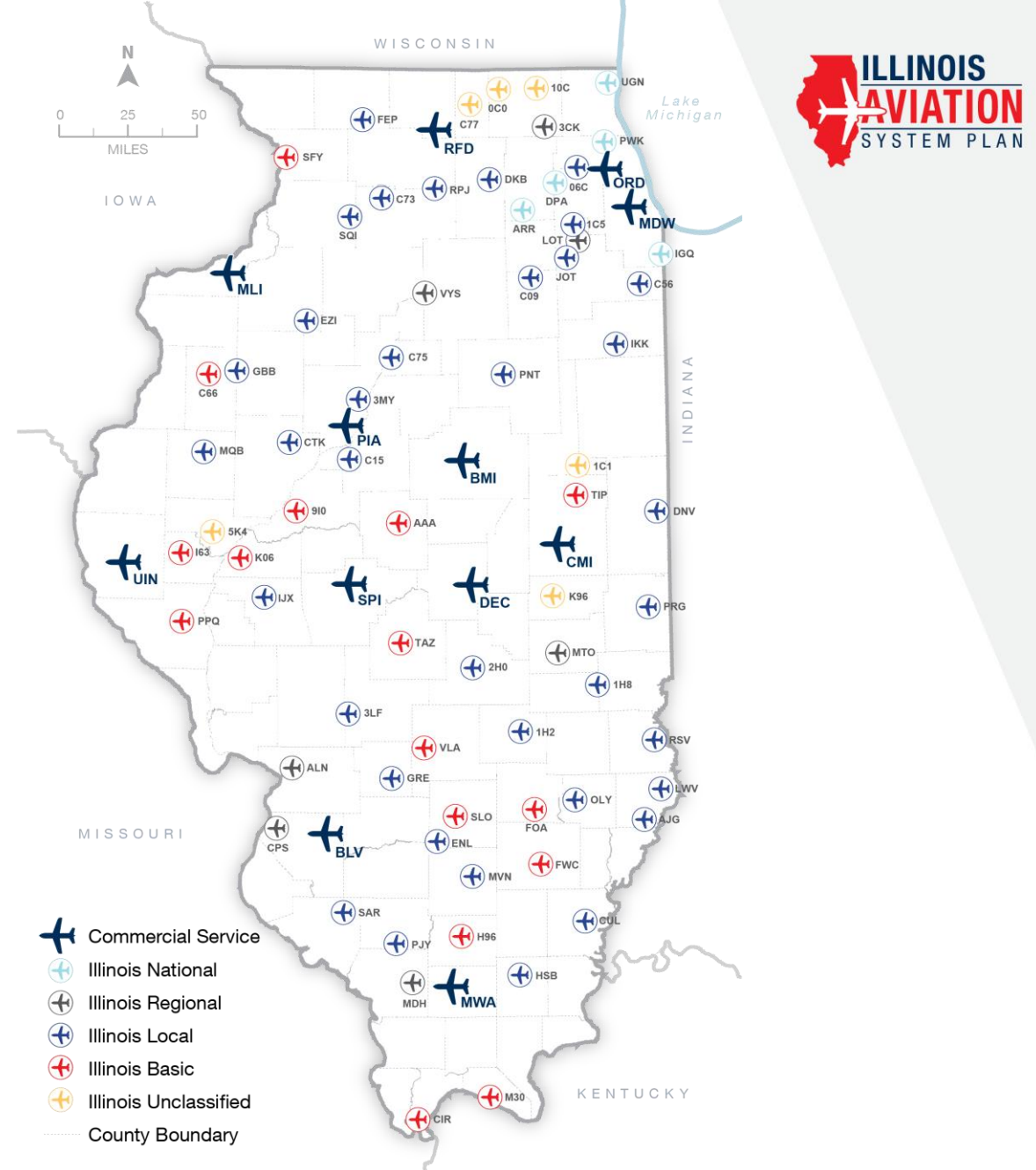
Changes to Classifications

Airport Name	State Classifications
Abraham Lincoln Capital	Commercial Service
Central IL Regional Airport at Bloomington-Normal	Commercial Service
Chicago Midway International	Commercial Service
Chicago O'Hare International	Commercial Service
Chicago/Rockford International	Commercial Service
Decatur	Commercial Service
General Downing-Peoria International	Commercial Service
Quad City International	Commercial Service
Quincy Regional-Baldwin Field	Commercial Service
Scott AFB/Midamerica	Commercial Service
University of Illinois-Willard	Commercial Service
Veterans Airport of Southern Illinois	Commercial Service
Bult Field	Illinois Regional
Coles County Memorial	Illinois Regional
De Kalb Taylor Municipal	Illinois Regional
Effingham County Memorial	Illinois Regional
Galesburg Municipal	Illinois Regional
Greater Kankakee	Illinois Regional

Airport Name	State Classifications
Illinois Valley Regional-Walter A Duncan Field	Illinois Regional
Jacksonville Municipal	Illinois Regional
Lake in the Hills	Illinois Regional
Lewis University	Illinois Regional
Macomb Municipal	Illinois Regional
Morris Municipal-James R Washburn Field	Illinois Regional
Mount Vernon	Illinois Regional
Southern Illinois	Illinois Regional
St Louis Downtown	Illinois Regional
St Louis Regional	Illinois Regional
Vermilion Regional	Illinois Regional
Whiteside County-Jos H Bittorf Field	Illinois Regional
Dacy	Illinois Unclassified
Galt Field	Illinois Unclassified
Paxton (Non-NPIAS)	Illinois Unclassified
Poplar Grove	Illinois Unclassified
Schuy-Rush (Non-NPIAS)	Illinois Unclassified
Tuscola	Illinois Unclassified

2020 IASP Roles

State Role	Number of Airports
Commercial Service	12
Illinois National	5
Illinois Regional	18
Illinois Local	26
Illinois Basic	16
Illinois Unclassified	6





3 Project Update

Existing System Adequacy



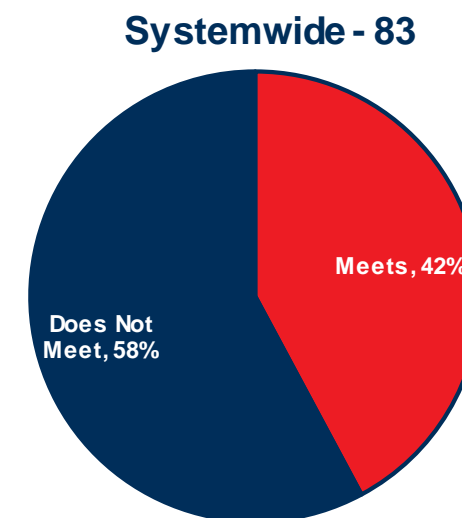
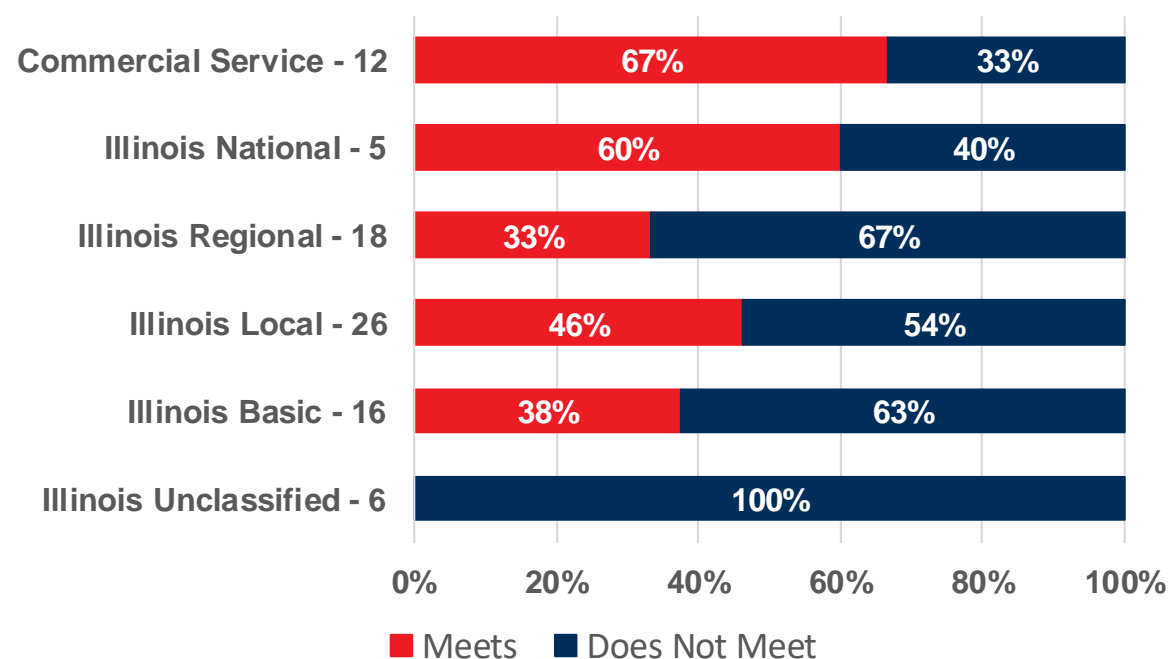
Existing System Adequacy

- **Why do we do it?**
 - Understand how the system is currently meeting IASP goals
 - Helps to identify areas for project recommendations in future tasks
- **What do we use to evaluate system adequacy?**
 - Performance Measures (PMs) – Actionable Items
 - Performance Indicators (PIs) – Information Only
 - Facility and Service Objectives (FSOs) – Recommended minimum levels of development for each IASP role
- **How do we analyze PMs, PIs, and FSOs?**
 - Use data collected during the Inventory phase to determine performance at the airport level, by classification, and statewide

Existing System Adequacy Example

■ Goal 1: Economy

- **Performance Measure:** Percent of airports that have completed master plan/ALP in the last 10 years (2010 or newer)



Presenting System Adequacy Results

- Each PM and PI will be analyzed and presented within the System Adequacy chapter of the IASP
- Results will be organized by Goal and PM or PI
- Inventory of System Conditions chapter will be combined with the System Adequacy Chapter
- Gaps or deficiencies result in (project/policy) recommendations!





4 Project Update

Aviation Issues



Aviation Issues

- Interviewed Stakeholders
- Conducted Industry Research
- Reviewed Airport Sponsor's Top 3 Challenges
- Issues will be discussed in detail in the Aviation Issues Chapter





5 Project Update

Economic Impact Study



Illinois Economic Impact Study

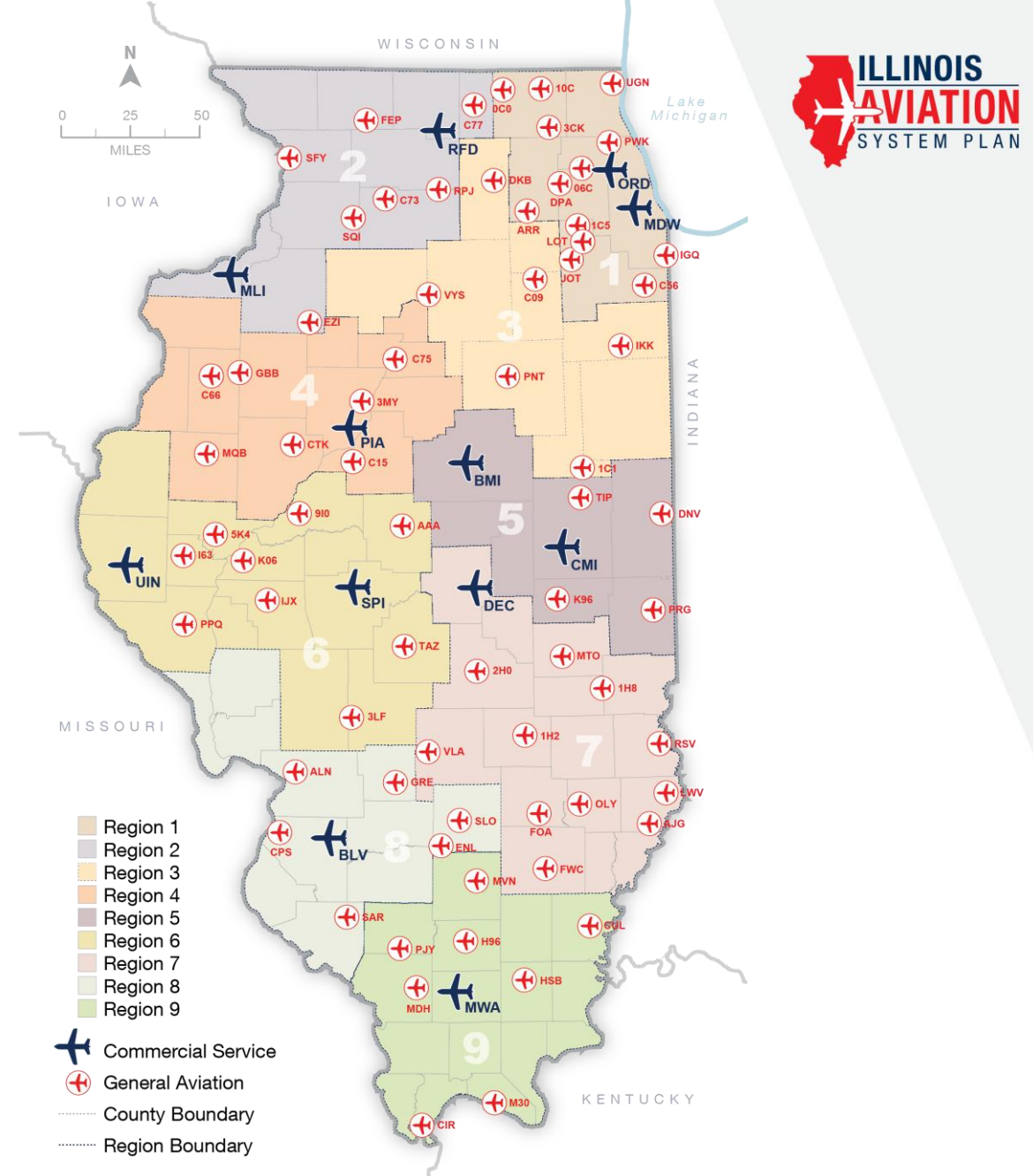
- Economic Impact Data Collection and Surveying Continues!
- Here is what we know so far...

Economic Impact Information Summary	
Number of On-Airport Tenants*	647*
Number of Airport Sponsor Employees	2,250+
Number of Full Time On-Airport Employees	25,000+
Number of Part Time On-Airport Employees	7,000+

Economic Impact Modeling

Three Levels:

- Airport-by-airport
- Regional
- Statewide



EIA Progress

- Preliminary on-airport impacts
 - Airport administration
 - Tenants
 - Capital Improvements

- Additional Analysis
 - Commercial and GA visitors
 - Comparison of individual airport data (2012 vs. 2020)
 - Cargo
 - Taxes

6 Next Steps



Next Steps

- Finalize Inventory and System Adequacy chapter
- Finalize airport roles and draft chapter
- Draft Issues chapter
- Develop Aviation Forecasts and Draft Forecast chapter
- Continue Economic Impact Surveying
- Begin economic impact modeling

Questions?

Thank you for your participation!

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