

“The Big Reveal” 2020 Colorado Aviation Economic Impact Study

January 27, 2020



Introductions

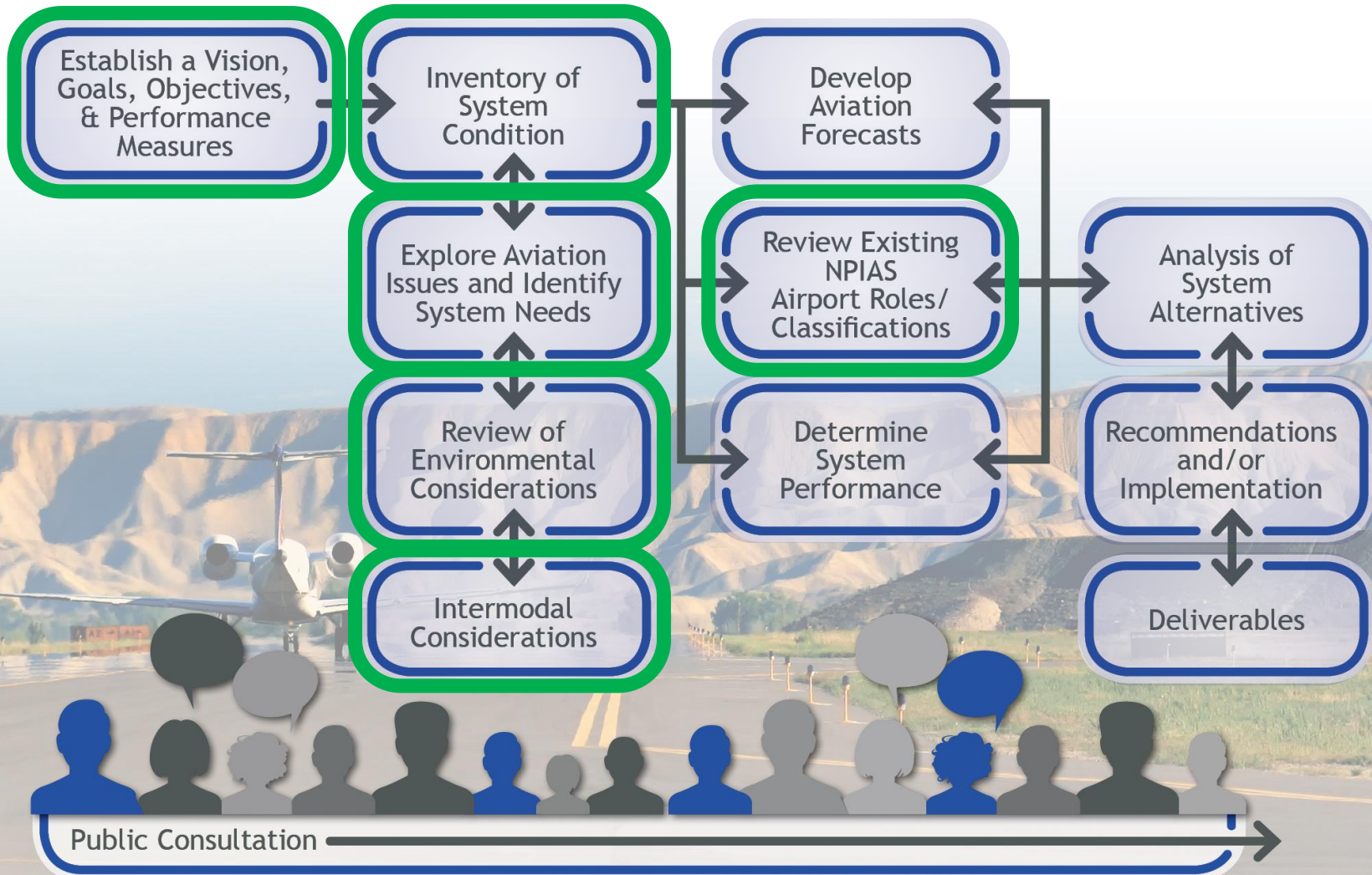
- CDOT Aeronautics
- PAC Members
- Kimley-Horn
- EDR/EBP Group
- KRAMER aerotek





CASP Update

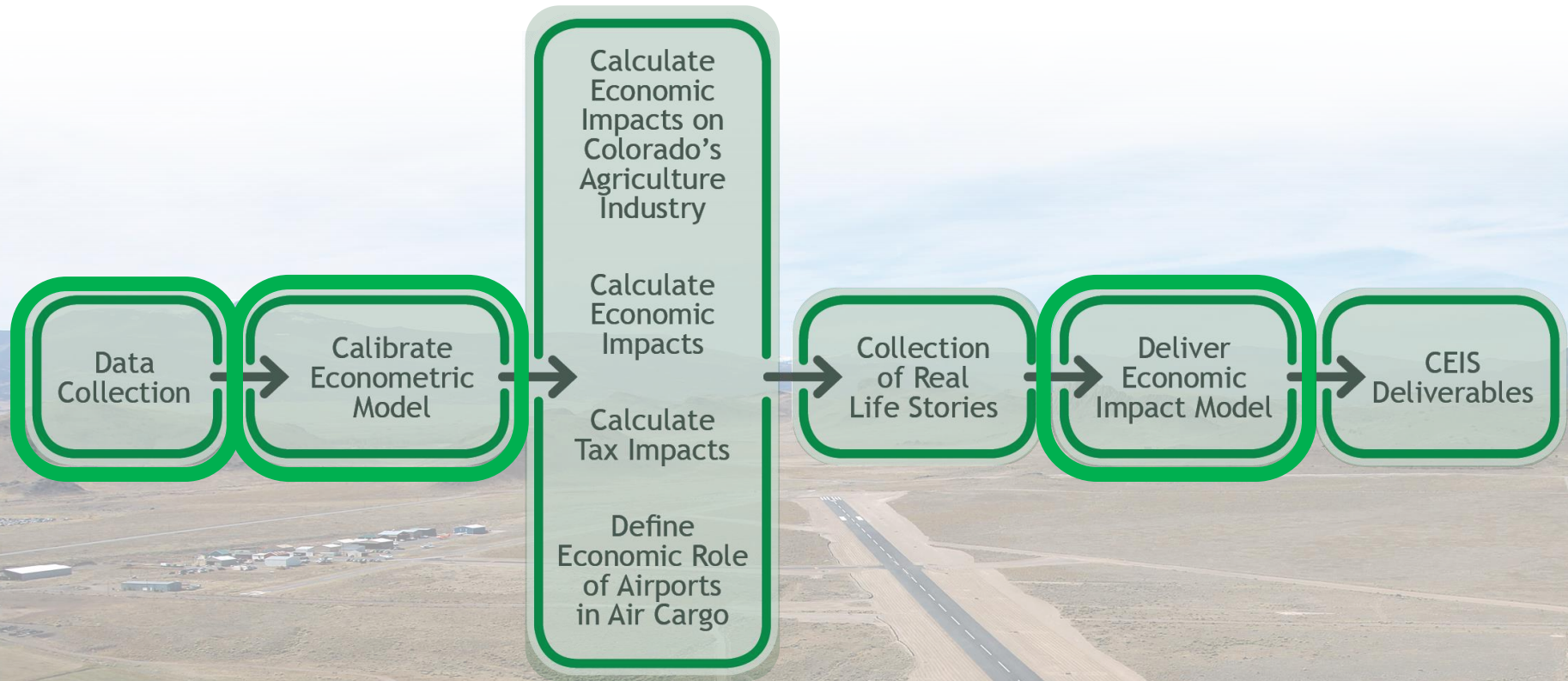
CASP Process and Progress





CEIS Update

CEIS Process and Progress



CEIS Terminology Comparison

	2013 CEIS Study	2020 CEIS	OEDIT
Types of Impacts	Jobs/ Employment	Jobs	Employment
	Payroll	Payroll	Labor Income
	---	Value Added	Contribution to GDP
	Output	Business Revenues	Sales
Measures of Impacts	Initial	Direct	Direct
	Multiplier	Supplier Sales	Indirect
		Income Re-spending	Induced
	Total	Total Impacts	Total

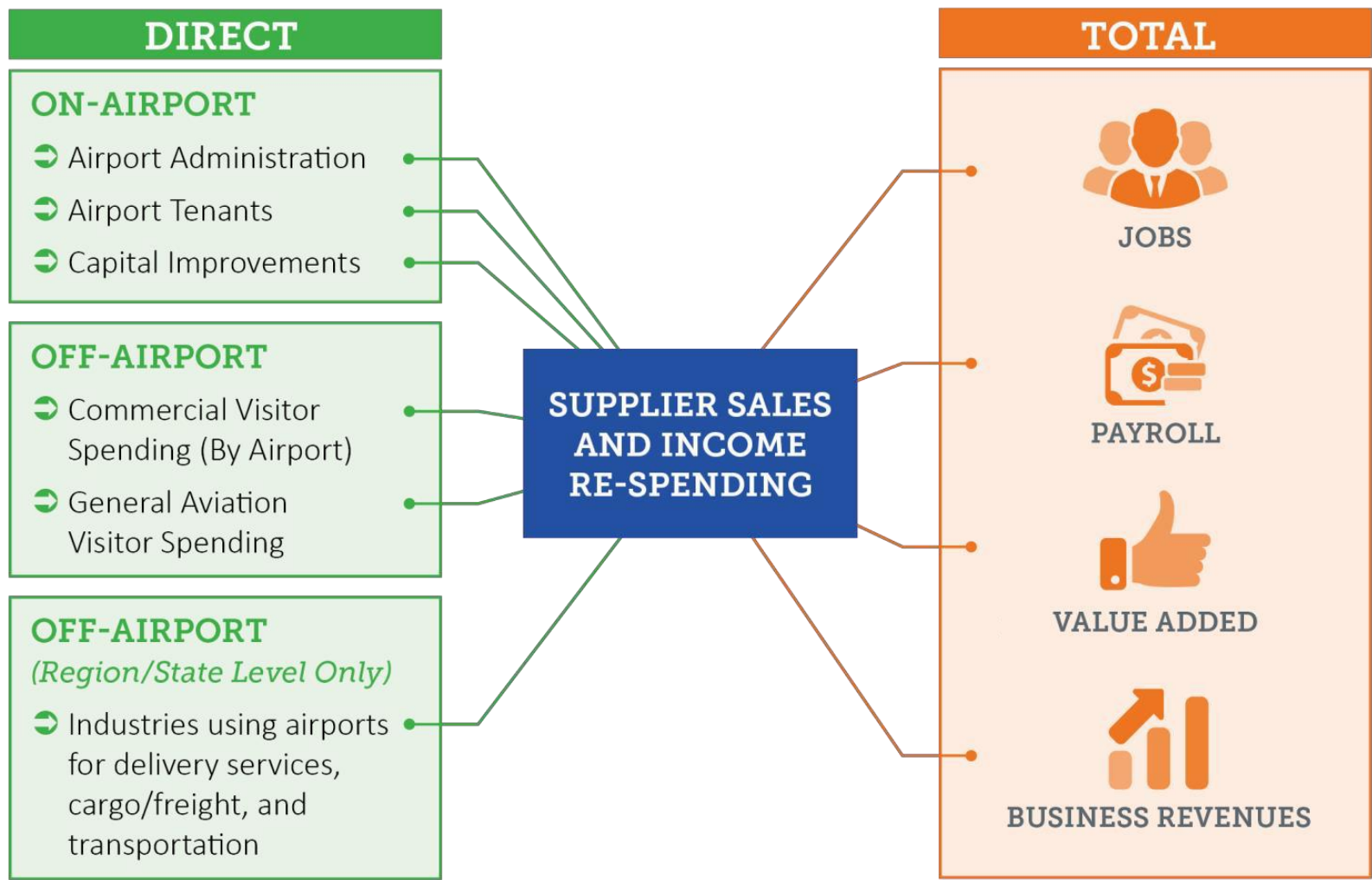
New Term - Value Added

- The business revenue retained and used by Colorado businesses and industries

Business Revenues Pay For
Wages, salaries, benefits to workers
Profits to Colorado businesses & proprietors' income
Taxes paid by Colorado businesses
Dividends, interest, rent
<i>Purchases of goods and services (inputs for production and sale of services)</i>

- Represents the true value of aviation to the Colorado economy, and is the contribution of businesses and industries to the Colorado State Product (CSP) and the U.S. Gross Domestic Product (GDP)

Calculating Total Airport Impacts



Outreach to Airports throughout CEIS

- Data collection in late 2018/early 2019
- Airport webinar in February 2019
- Confirmation of direct impacts May 2019
- Tenant employment confirmation (via CAO A June 2019 conference in Greeley)
- CDOT/KH telephone correspondence with airports on an individual basis



Drumroll....

And the TOTAL economic
impact of Aviation in
Colorado is...

**\$48.6
BILLION!**

TOTAL Statewide Aviation Impacts

345,661



JOBS

\$16.2
BILLION



PAYROLL

\$27.0
BILLION



VALUE
ADDED

\$48.6
BILLION



BUSINESS
REVENUES

Including off-airport air cargo impacts of \$4.4B

2018 Colorado Airport Economic Impacts – Jobs



Impact Category	Direct	Supplier Sales	Income Re-spending	TOTAL Jobs
On-Airport	58,723	30,202	44,316	133,241
Visitor Spending	128,851	31,706	37,304	197,860
<i>Off-Airport Cargo</i>	6,079	3,493	4,988	14,560
Total Jobs	193,653	65,401	86,608	345,661

2018 Colorado Airport Economic Impacts – Payroll (Billions)



Impact Category	Direct	Supplier Sales	Income Re-spending	TOTAL Payroll (Billions)
On-Airport	\$4.6B	\$1.7B	\$1.9B	\$8.2B
Visitor Spending	\$3.9B	\$1.4B	\$1.5B	\$6.8B
<i>Off-Airport Cargo</i>	<i>\$0.7B</i>	<i>\$0.3B</i>	<i>\$0.2B</i>	<i>\$1.2B</i>
Total Payroll (Billions)	\$9.2B	\$3.4B	\$3.6B	\$16.2B

2018 Colorado Airport Economic Impacts – Value Added (Billions)



Impact Category	Direct	Supplier Sales	Income Re-spending	TOTAL Value Added (Billions)
On-Airport	\$7.3B	\$2.5B	\$3.4B	\$13.2B
Visitor Spending	\$6.6B	\$2.3B	\$2.8B	\$11.7B
<i>Off-Airport Cargo</i>	<i>\$1.2B</i>	<i>\$0.5B</i>	<i>\$0.5B</i>	<i>\$2.2B</i>
Total Value Added (Billions)	\$15.1B	\$5.2B	\$6.7B	\$27.1B







Note: Columns may not add due to rounding

2018 Colorado Airport Economic Impacts – Business Revenues (Billions)



Impact Category	Direct	Supplier Sales	Income Re-spending	TOTAL Business Revenues (Billions)
On-Airport	\$13.2B	\$4.7B	\$6.1B	\$24.0B
Visitor Spending	\$10.7B	\$4.4B	\$5.1B	\$20.2B
<i>Off-Airport Cargo</i>	<i>\$2.7B</i>	<i>\$0.8B</i>	<i>\$0.9B</i>	<i>\$4.4B</i>
Total Business Revenues (Billions)	\$26.6B	\$9.9B	\$12.1B	\$48.6B

Comparison of Study Results

	Data Year 2013	Data Year 2018	Change (#)	Change (%)
Jobs	265,701	345,661	 79,959	 30%
Payroll	\$12.6B	\$16.2B	 \$3.6B	 29%
Value Added	N/A	\$27.0B	N/A	N/A
Business Revenues	\$36.7B	\$48.6B	 \$11.9B	 32%



Additional CEIS Analyses

Aviation Activities Subject to Taxes

On-Airport Activities

- Fuel Sales
- Rental Cars
- Retail
- Restaurants
- Services
- Construction

Visitors

- Retail Sales
- Lodging
- Food and Beverage
- Entertainment
- Recreation
- Local Transportation

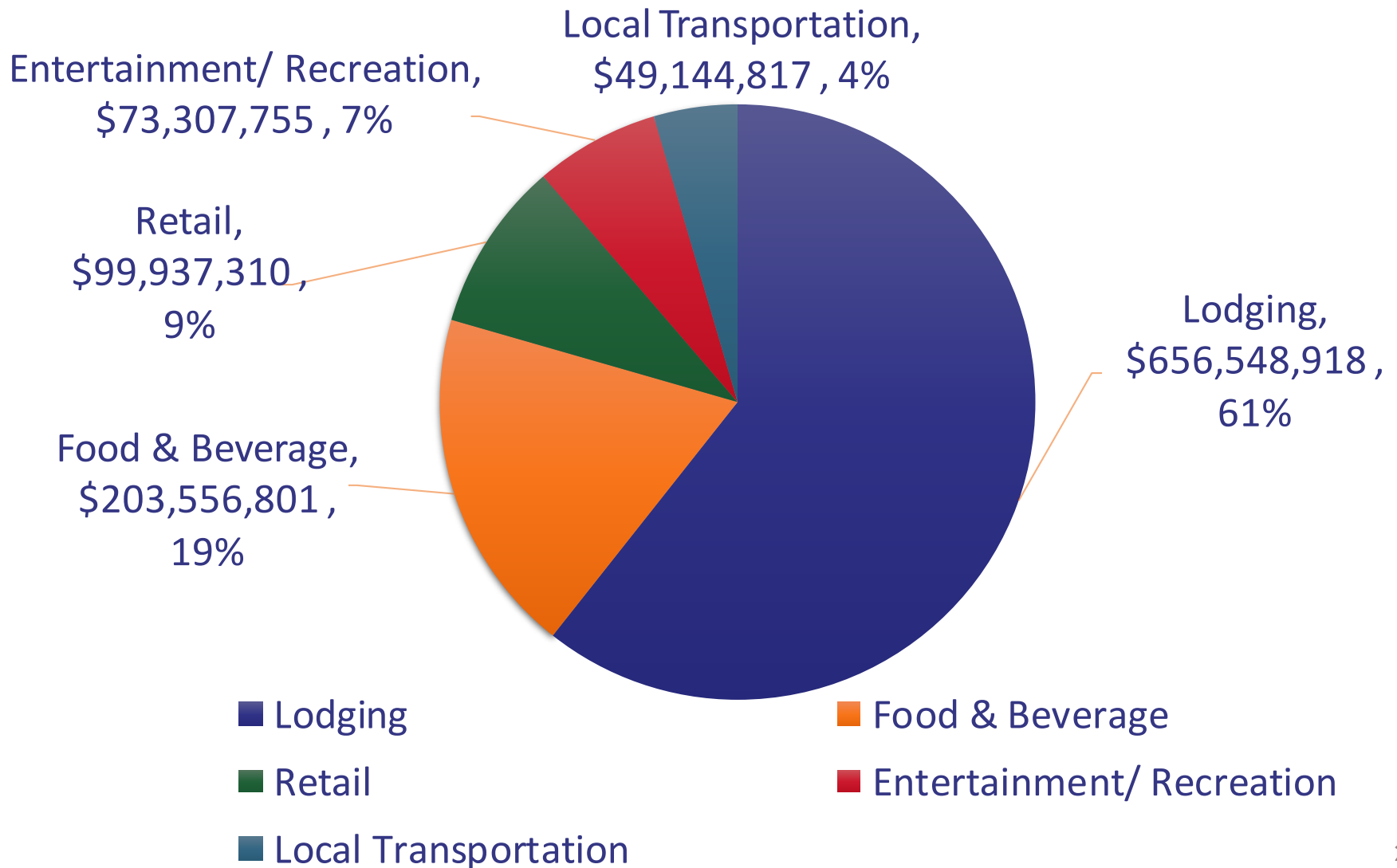
Employees

- Airport Administration
- On-Airport Businesses
- Construction
- Visitor Support Businesses
- Off-Airport Air Cargo

Summary of Tax Impacts

- Total Sales and State Income Taxes - \$1.8 Billion
 - Sales Taxes - \$1.6 Billion
 - State Income Taxes - \$168.8 Million
- Airport Contributions to Sales and Income Taxes
 - Denver International - \$1.5 Billion
 - Other Commercial Service Airports - \$216 Million
 - GA Airports - \$52 Million
 - Off-Airport Cargo - \$30 Million
- Key Contributors to State and Local Sales Taxes
 - Off-Airport Visitors - \$1.1 Billion
 - Airport Tenants - \$287 Million
 - Employees Supporting Aviation Activities - \$233 Million
- Aviation Fuel Taxes - \$32.7M in FY 2019

Off-Airport Visitors-\$1.1B in Sales Taxes

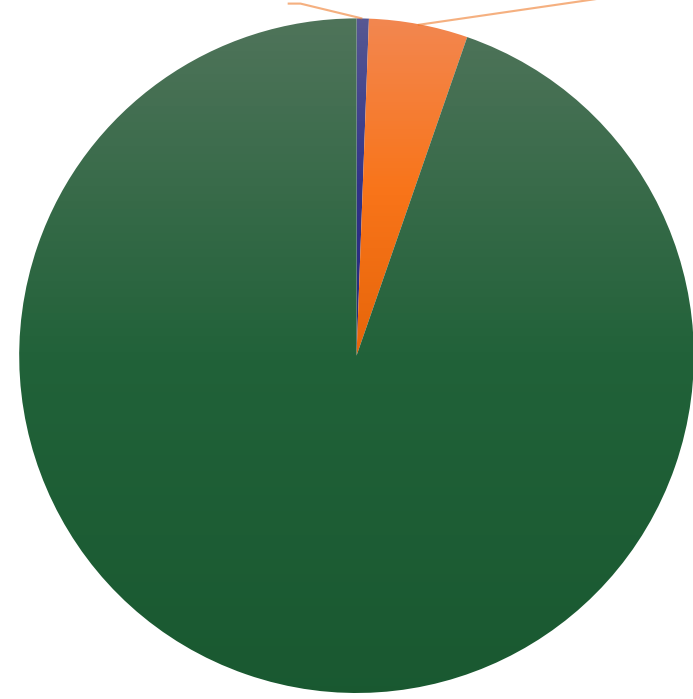


Aviation Fuel Taxes-\$32.7 Million

FY 2019

Excise (AvGas),
\$191,384, 0.6%

Excise (Jet A),
\$1,546,406, 5%



Sales Tax (Jet A),
\$30,919,052, 95%

■ Excise (AvGas) ■ Excise (Jet A) ■ Sales Tax (Jet A)

Total Statewide Off-Airport Cargo Impacts

- Documents the off-airport activities that are supported by air cargo services at CO airports

Impact Category	Jobs	Payroll	Value Added	Business Revenues
Direct	6,079	\$672.0M	\$1.2B	\$2.7B
Supplier Sales	3,493	\$293.7M	\$462.5M	\$809.1M
Income Re-spending	4,988	\$248.4M	\$524.7M	\$881.5M
Total	14,560	\$1.2B	\$2.2B	\$4.4B



Tool for Legislative Discussions

Individual Airport Handouts

Denver International Airport (DEN)



Lake County (LXV)



Centennial (APA)



Individual Airport Impacts

Centennial is one of 56 Colorado general aviation airports contributing to the state's aviation economic impacts. The components that comprise the total economic impacts for APA are summarized below.

Visitors travel to Colorado's GA airports on private and chartered aircraft to do business and visit our state. Off-Airport Visitor Spending measures all GA visitor impacts.

Annual On-Airport Economic Impacts for APA

	Direct	Supplier Sales	Income Re-Spending
Jobs	3,125	2,445	3,587
Payroll	\$273,840,000	\$133,250,000	\$143,346,000
Value Added	\$448,061,000	\$189,651,000	\$264,459,000
Business Revenues	\$1,118,027,000	\$355,396,000	\$488,084,000

Annual Off-Airport Visitor Spending Economic Impacts for APA

	Direct	Supplier Sales	Income Re-Spending
Jobs	751	198	235
Payroll	\$25,074,000	\$8,644,000	\$9,383,000
Value Added	\$41,023,000	\$13,990,000	\$17,311,000
Business Revenues	\$66,331,000	\$27,393,000	\$31,951,000

Centennial's Total Impacts

	Jobs	Payroll	Value Added	Business Revenues
On-Airport Activity	9,157	\$550,436,000	\$902,171,000	\$1,961,507,000
Visitor Spending	1,184	\$43,101,000	\$72,324,000	\$125,675,000
Total	10,341	\$593.54 Million	\$974.5 Million	\$2.1 Billion

Columns may not add due to rounding.

Next Steps

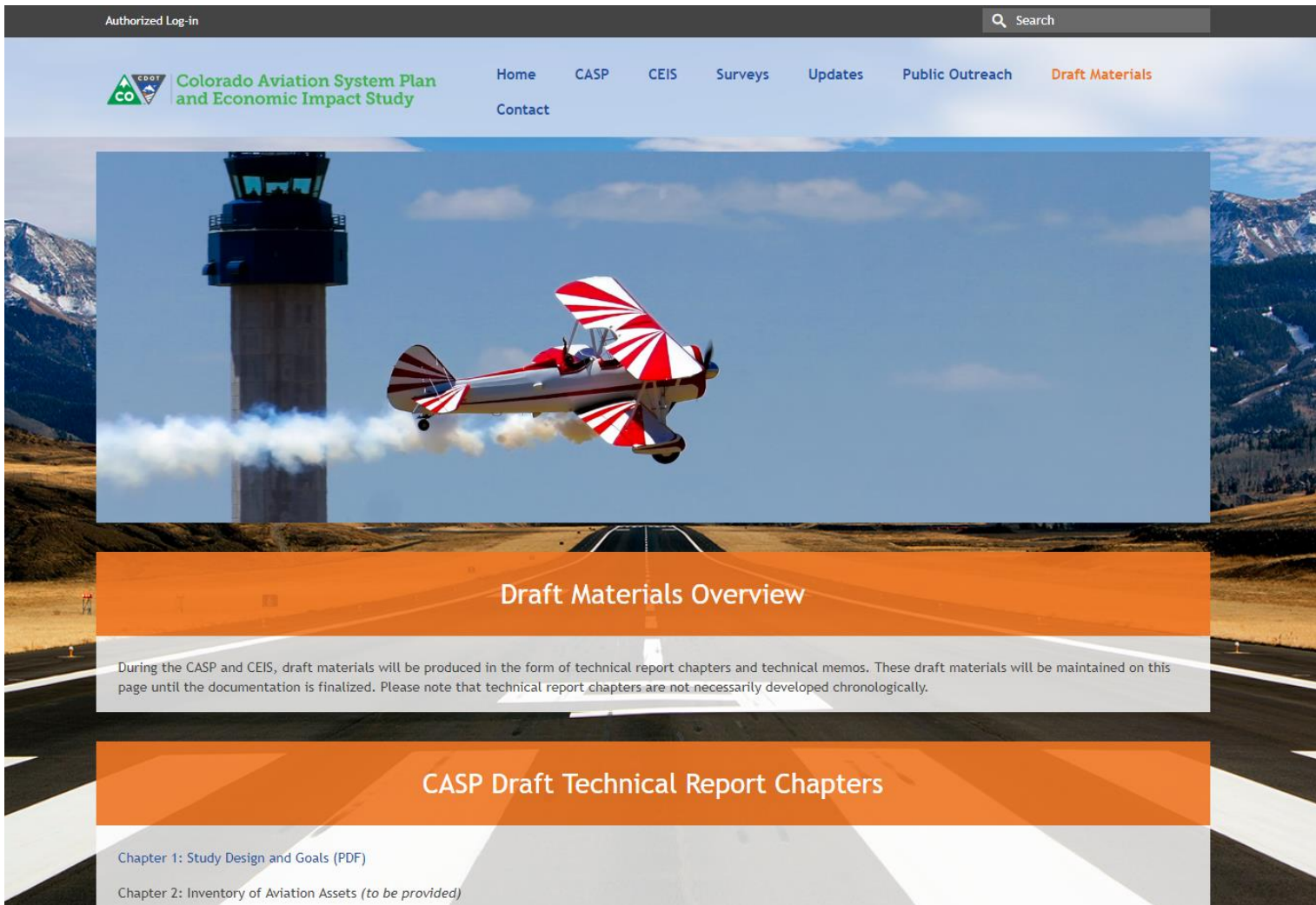
- CASP

- Analyze future system performance
- Complete system alternatives analysis
- Determine system needs (projects and policies)
- Draft final technical report/executive summary
- Individual airport reports (combined CASP/CEIS)


- CEIS

- Conduct “real life story” interviews and case studies
- Finalize technical report
- Draft executive summary brochure
- Draft PPT presentation of CEIS findings

Project Website



Authorized Log-in

 Colorado Aviation System Plan and Economic Impact Study

Home CASP CEIS Surveys Updates Public Outreach **Draft Materials**

Contact

Draft Materials Overview

During the CASP and CEIS, draft materials will be produced in the form of technical report chapters and technical memos. These draft materials will be maintained on this page until the documentation is finalized. Please note that technical report chapters are not necessarily developed chronologically.

CASP Draft Technical Report Chapters

[Chapter 1: Study Design and Goals \(PDF\)](#)

[Chapter 2: Inventory of Aviation Assets \(to be provided\)](#)

Questions?

Thank you for your participation!

Scott Storie, CDOT Aeronautics Project Manager

 303.512.5250  scott.storie@state.co.us

Pam Keidel-Adams, Kimley-Horn Project Manager

 480.207.2670  pam.keidel-adams@kimley-horn.com

