

LOVE FIELD ENVIRONMENTAL ADVISORY COMMITTEE QUARTERLY REPORT

July 13, 2017

Dallas Love Field
7555 Lemmon Ave
Conference Room 103



AGENDA

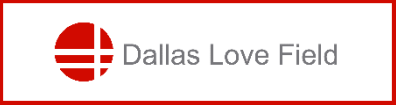
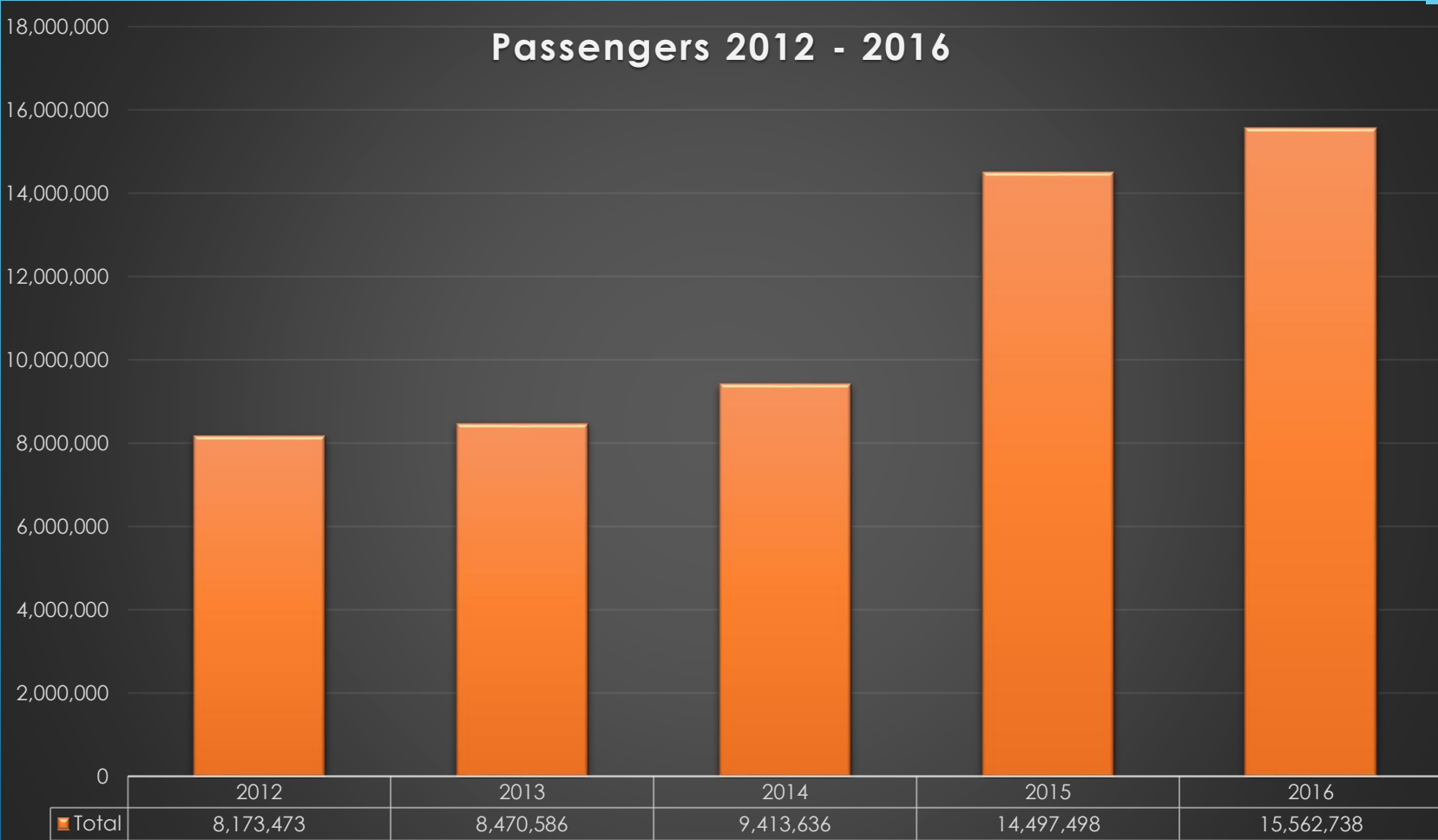
- ▶ Introductions
- ▶ 2016 Noise Contour Report
- ▶ Noise Control
 - ▶ Preferential Runway Compliance
 - ▶ Operations by Type
 - ▶ Construction and Closures
- ▶ Noise Complaints
- ▶ Action Items
- ▶ Open Discussion
- ▶ Next Meeting – October 12, 2017

2016 NOISE CONTOUR REPORT

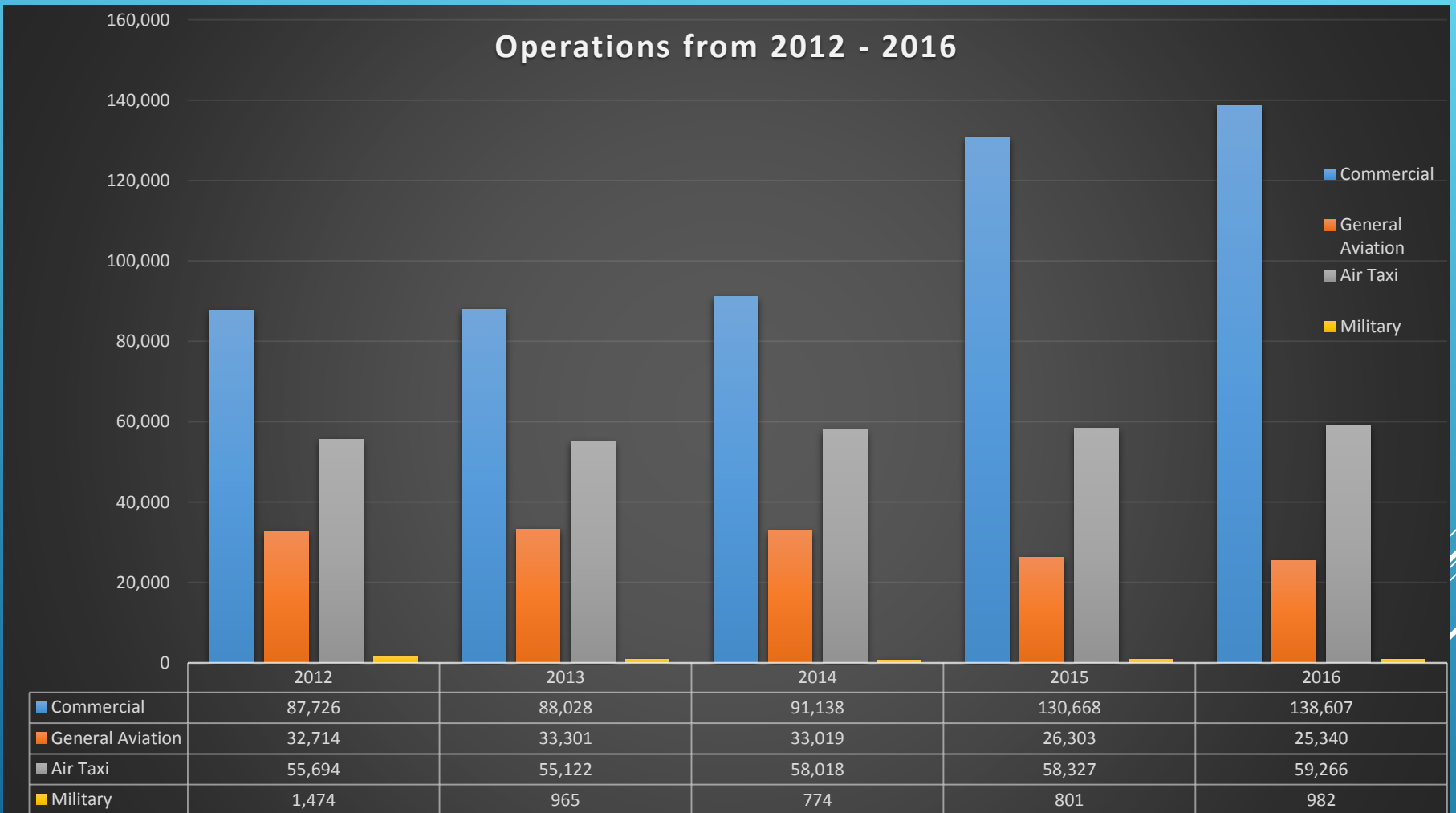


Dallas Love Field

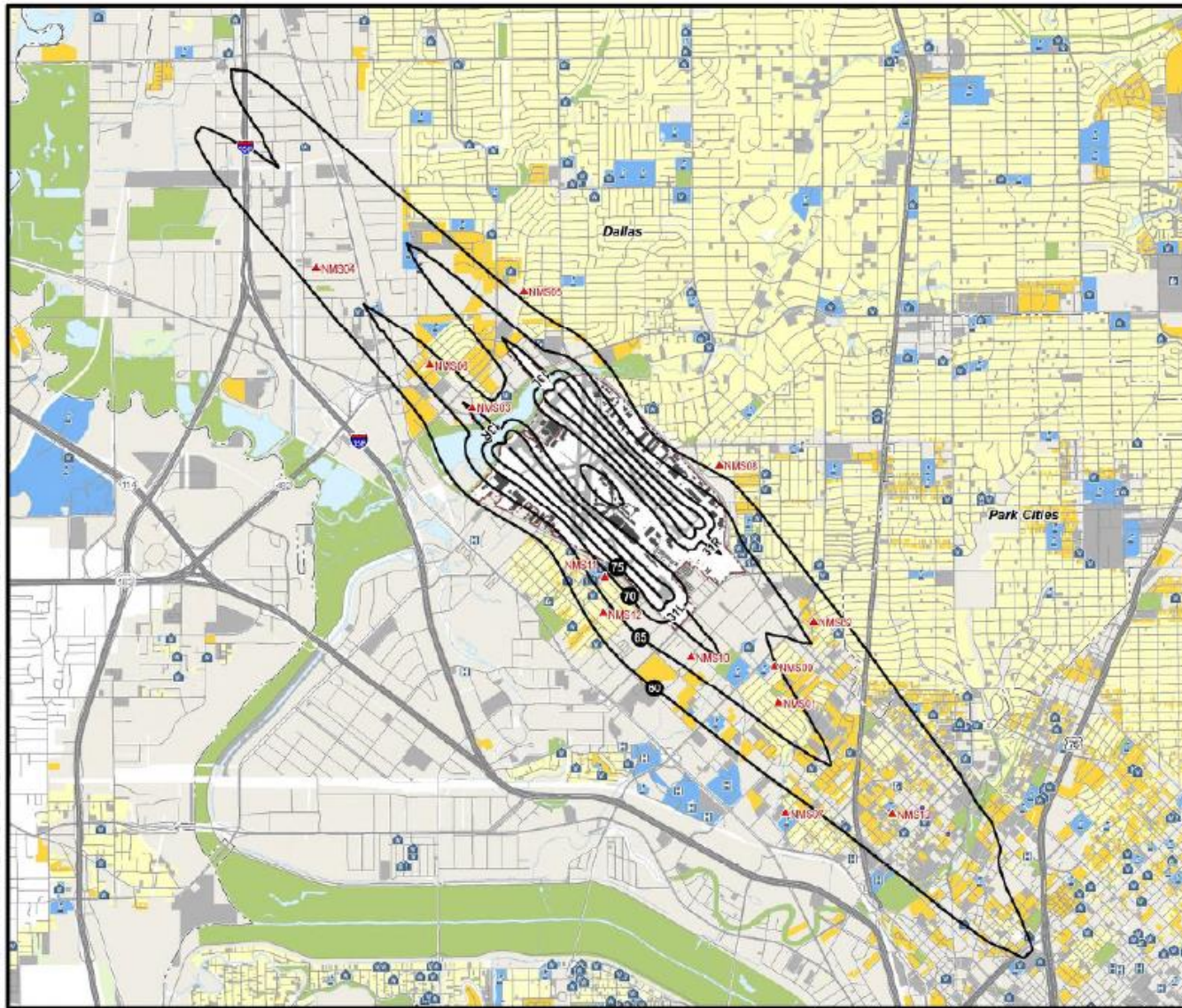
PASSENGERS 2012 - 2016



OPERATIONS 2012 - 2016



2015 CONTOUR

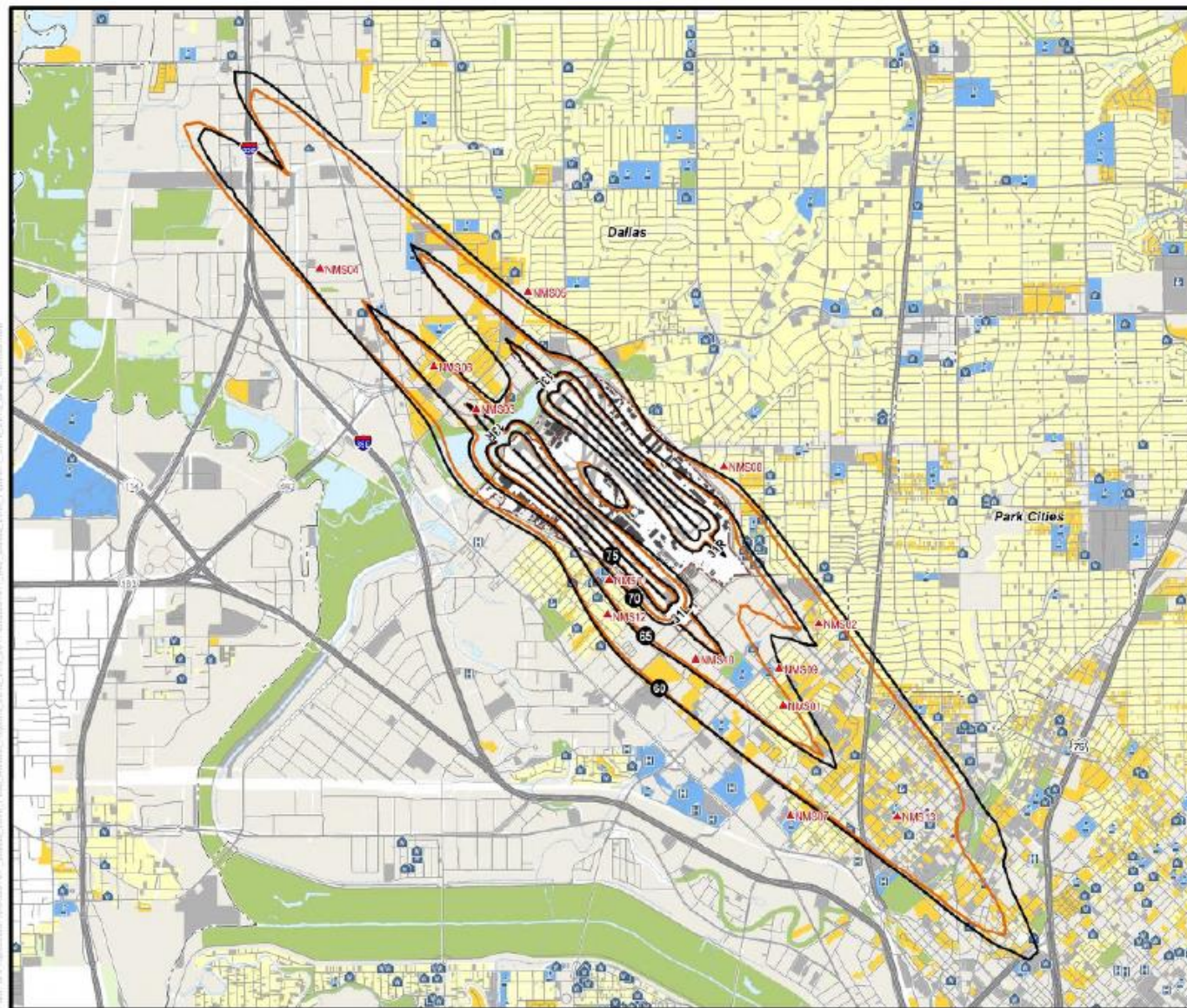


2016 DNL Contours

- 2016 DNL Contours
- Noise Monitor Location
- Airport Boundary
- Airport Runway / Taxiway
- Airport Buildings
- Single Family Residential
- Multi-Family Residential
- Mobile Home
- Public Use
- Non-Residential
- Open Space / Recreation
- Agricultural
- Water
- Vacant / Undeveloped
- City Limit
- Interstate
- Highway
- Major Flood
- Schools
- Place of Worship
- Hospital
- Libraries
- National Register Historic Place



2016 VS 2015 CONTOUR



2016 DNL Contours compared to 2015 DNL Contours

- 2016 DNL Contours
- 2015 DNL Contours
- Noise Monitor Location
- Airport Boundary
- Airport Runway / Taxiway
- Airport Buildings
- Single Family Residential
- Multi-Family Residential
- Mobile Home
- Public Use
- Non-Residential
- Open Space / Recreation
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- Water
- Vacant / Undefined
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Dallas Love Field www.dallaslovefield.com

2016 VS 2006 CONTOUR

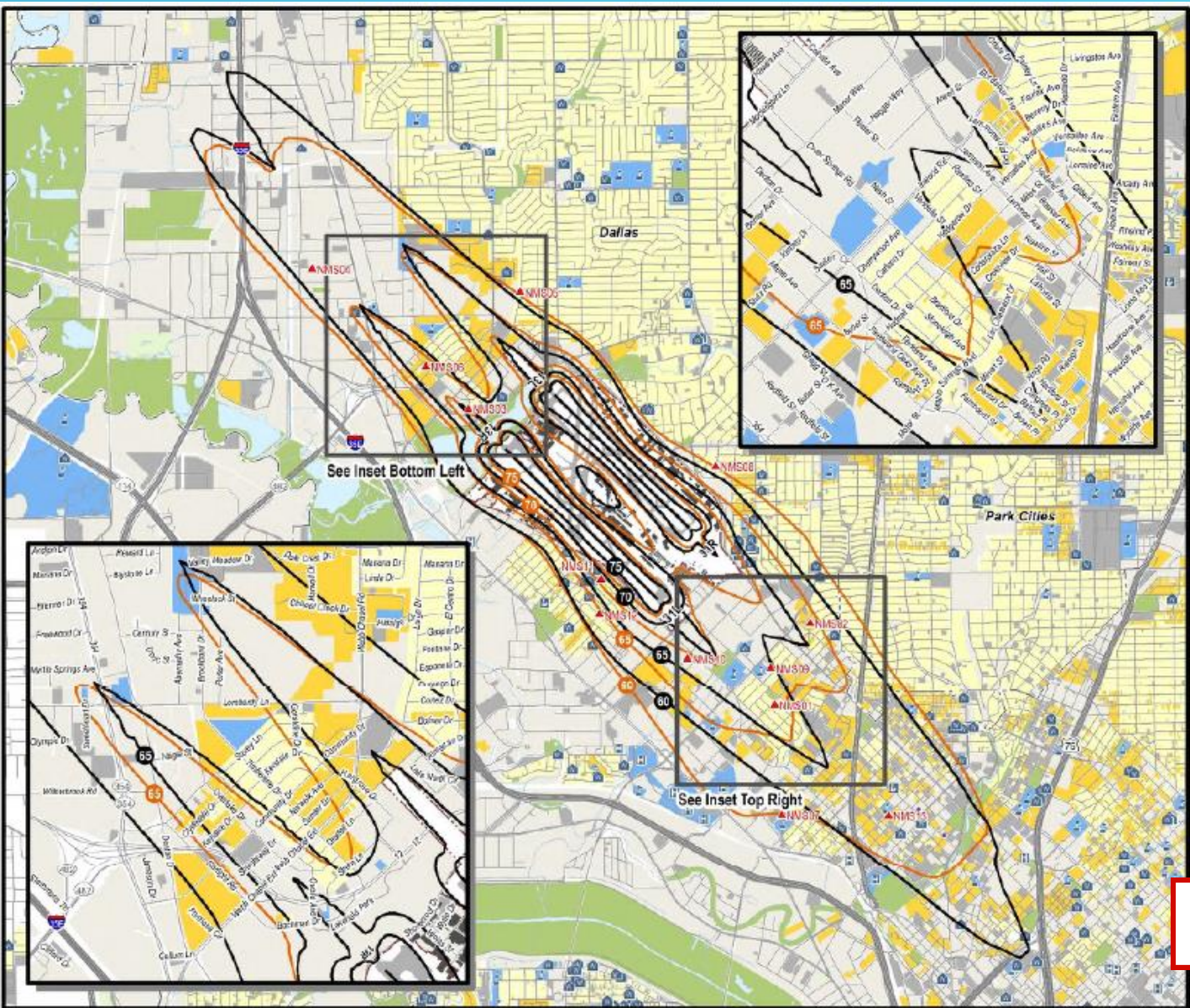


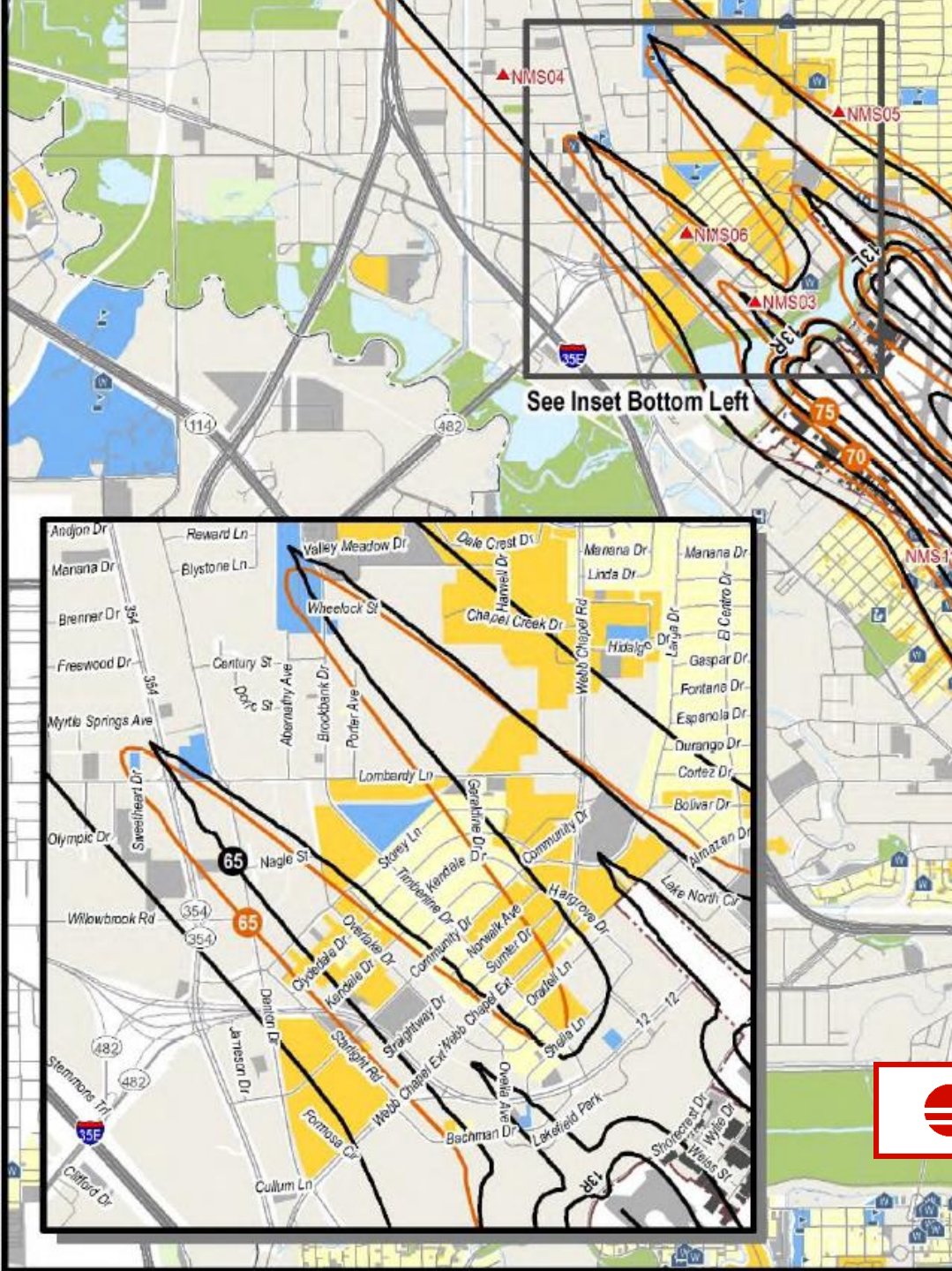
2016 DNL Contours compared to 2006 DNL Contours

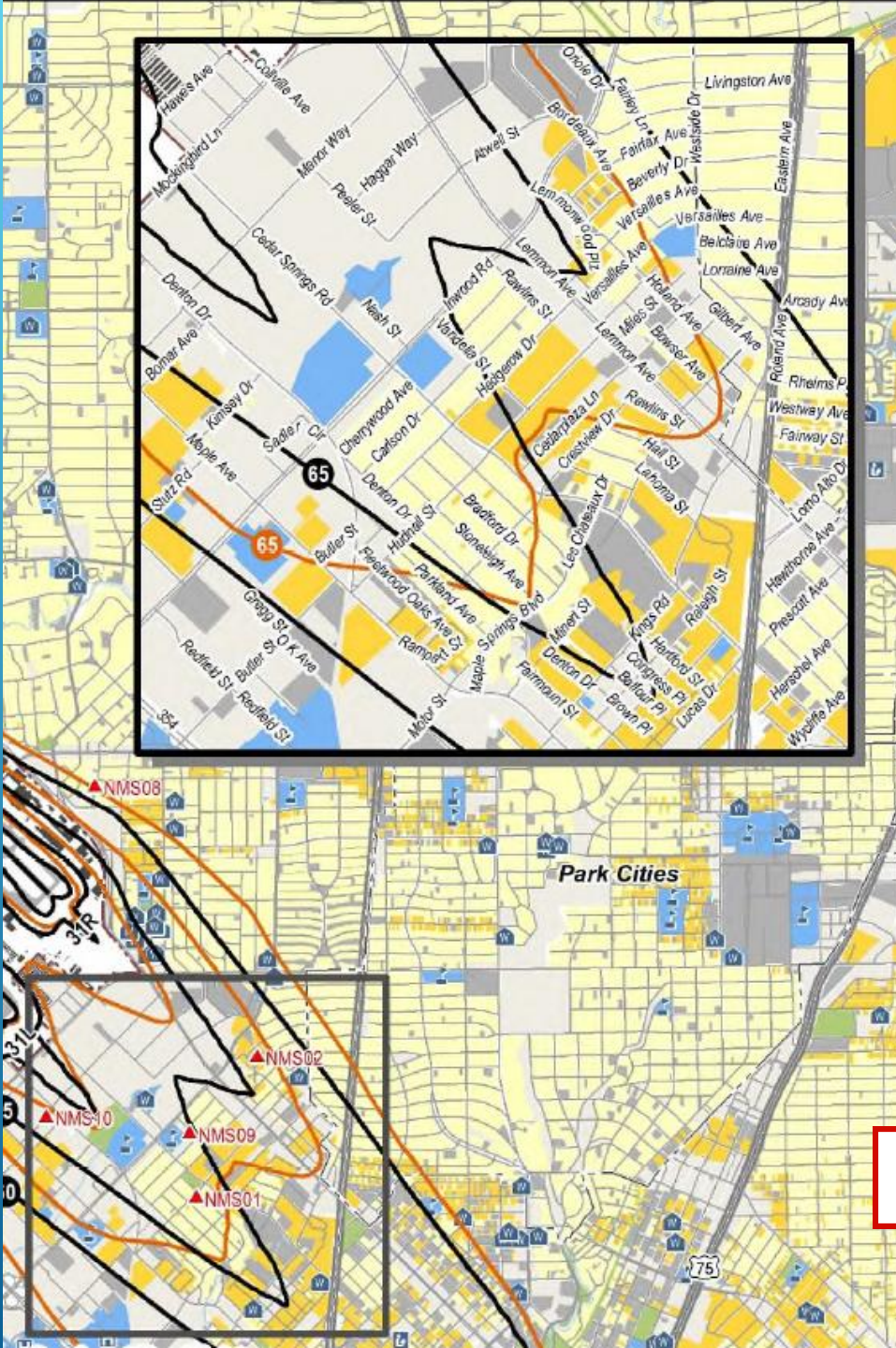
- 2016 DNL Contours
- 2006 DNL Contours
- Noise Monitor Location
- Airport Boundary
- Airport Runway/Taxiway
- Airport Buildings
- Single Family Residential
- Multi-Family Residential
- Mobile Home
- Public Use
- Non-Residential
- Open Space/Recreation
- Agricultural
- Water
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- City Limit
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- Major Roads
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- Places of Worship
- Hospitals
- Libraries
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Dallas Love Field

0,000 Feet







ESTIMATED AREA WITHIN NOISE CONTOURS

Table 8 – Estimated Area Within Noise Contours

Source: HMMH 2017

DNL Noise Level dBA	Estimated Land Area Exposed to Given Noise Exposure Level		
	2006	2015	2016
60-65	5.71	5.84	6.22
>65	4.19	3.31	3.72
65-70	2.68	2.22	2.51
70-75	1.08	0.62	0.69
>75	0.43	0.47	0.52

Note: Airport property is included in total (1.93 sq. mi.)

- ▶ .47 Square Miles less than 2006

ESTIMATED POPULATION WITHIN NOISE EXPOSURE AREA

Table 9 – Estimated Population Within Noise Exposure Area

Source: HMMH 2016, U.S. Census 2010

DNL Noise Level dBA	Estimated Number of People Exposed to Given Noise Exposure Level (2010 US Census Data)		
	2006	2015	2016
60-65	42,603	41,756	48,473
>65	16,798	8,597	10,916
65-70	15,858	8,438	10,600
70-75	936	159	316
>75	4	0	0

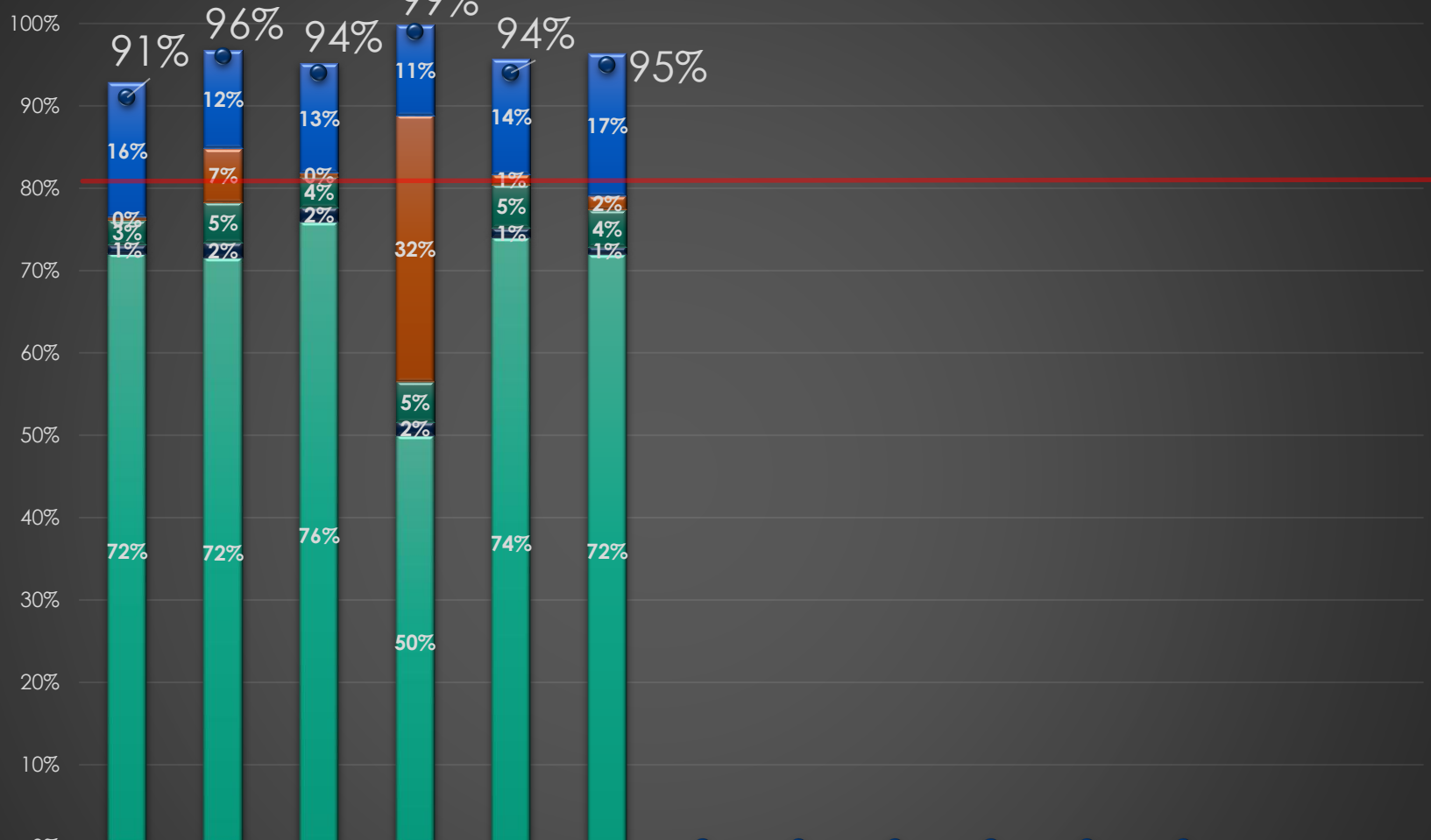
- ▶ 5882 less people exposed to >65 dBA DNL than 2006

VOLUNTARY NOISE CONTROL PROGRAM DURING PREFERENTIAL HOURS

2100 – 0600

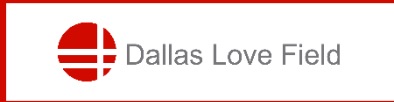
(JAN–SEP 2016)

Preferential Runway Program Performance Measure (For operations between 9PM and 6AM)



PARTICIPATION PERCENTAGE

2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
ATC SPACING	16%	12%	13%	11%	14%	17%								
CONSTRUCTION	0%	7%	0%	32%	1%	2%								
WEIGHT 13L/31R	3%	5%	4%	5%	5%	4%								
MEDICAL 13L/31R	1%	2%	2%	2%	1%	1%								
Raw Data	72%	72%	76%	50%	74%	72%								
Percentage	91%	96%	94%	99%	94%	95%								



OPERATORS DURING PREFERENTIAL HOURS

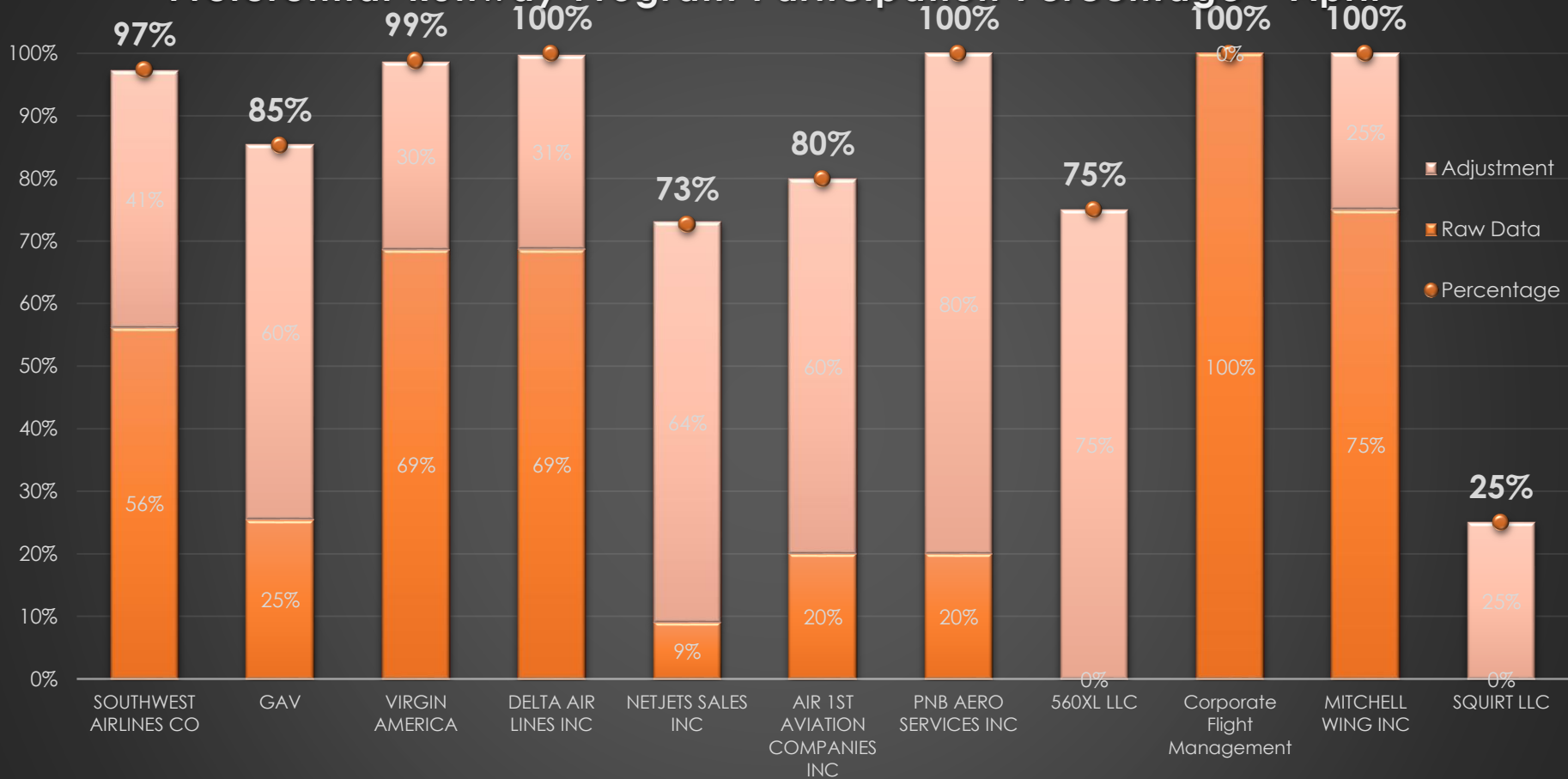
2100 – 0600

(JUL–SEP 2016)



Dallas Love Field

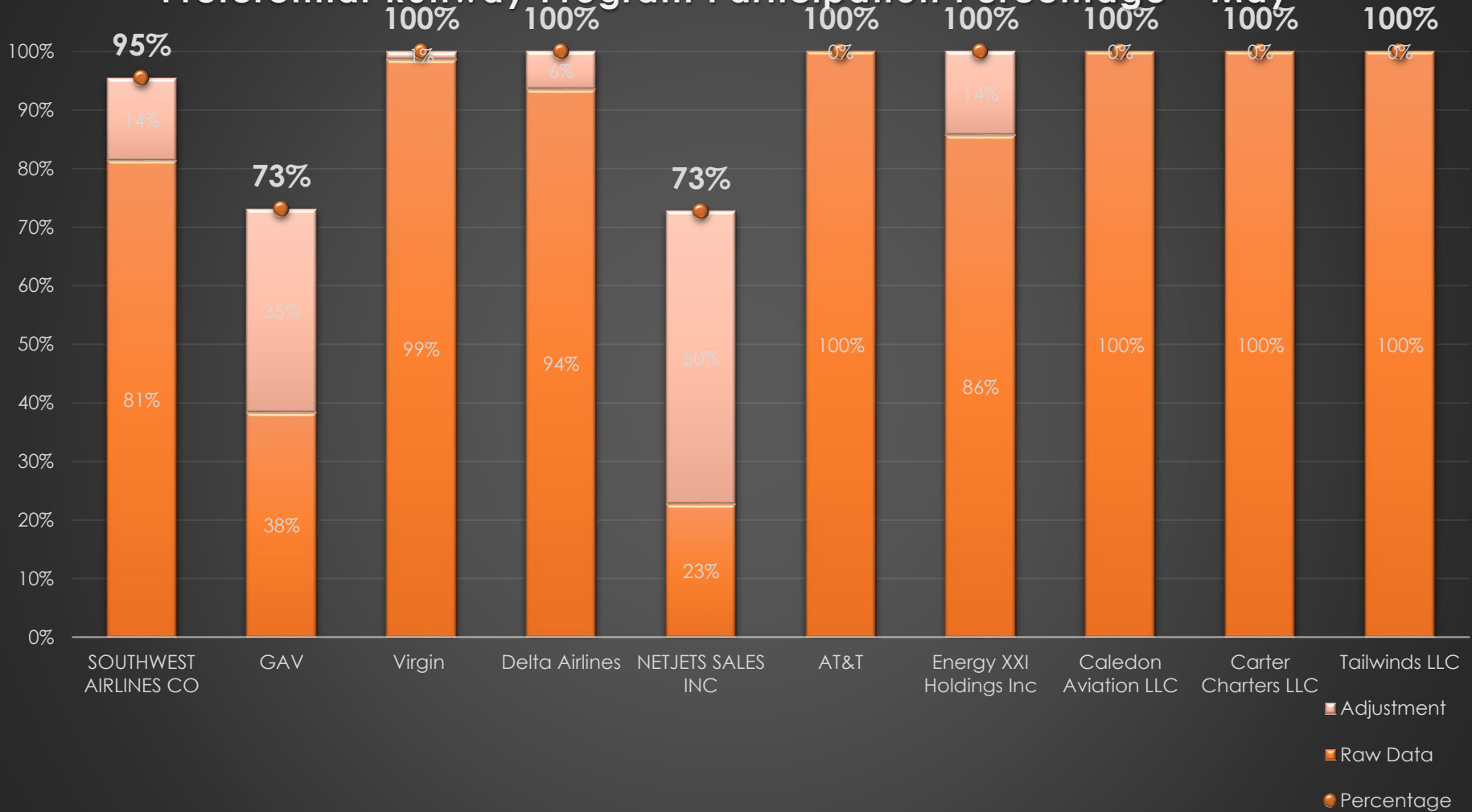
Preferential Runway Program Participation Percentage - April



APR 2017



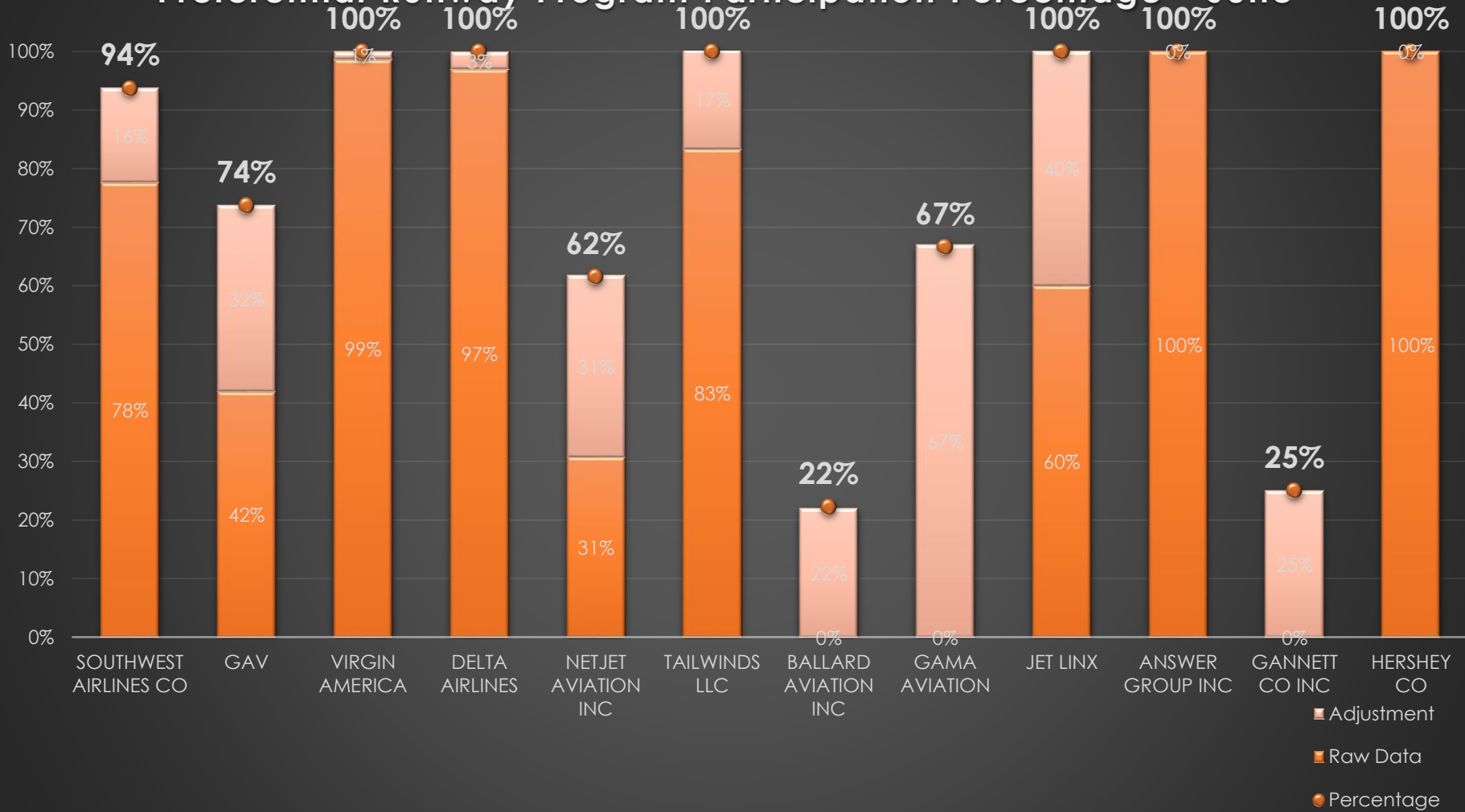
Preferential Runway Program Participation Percentage - May



MAY 2017



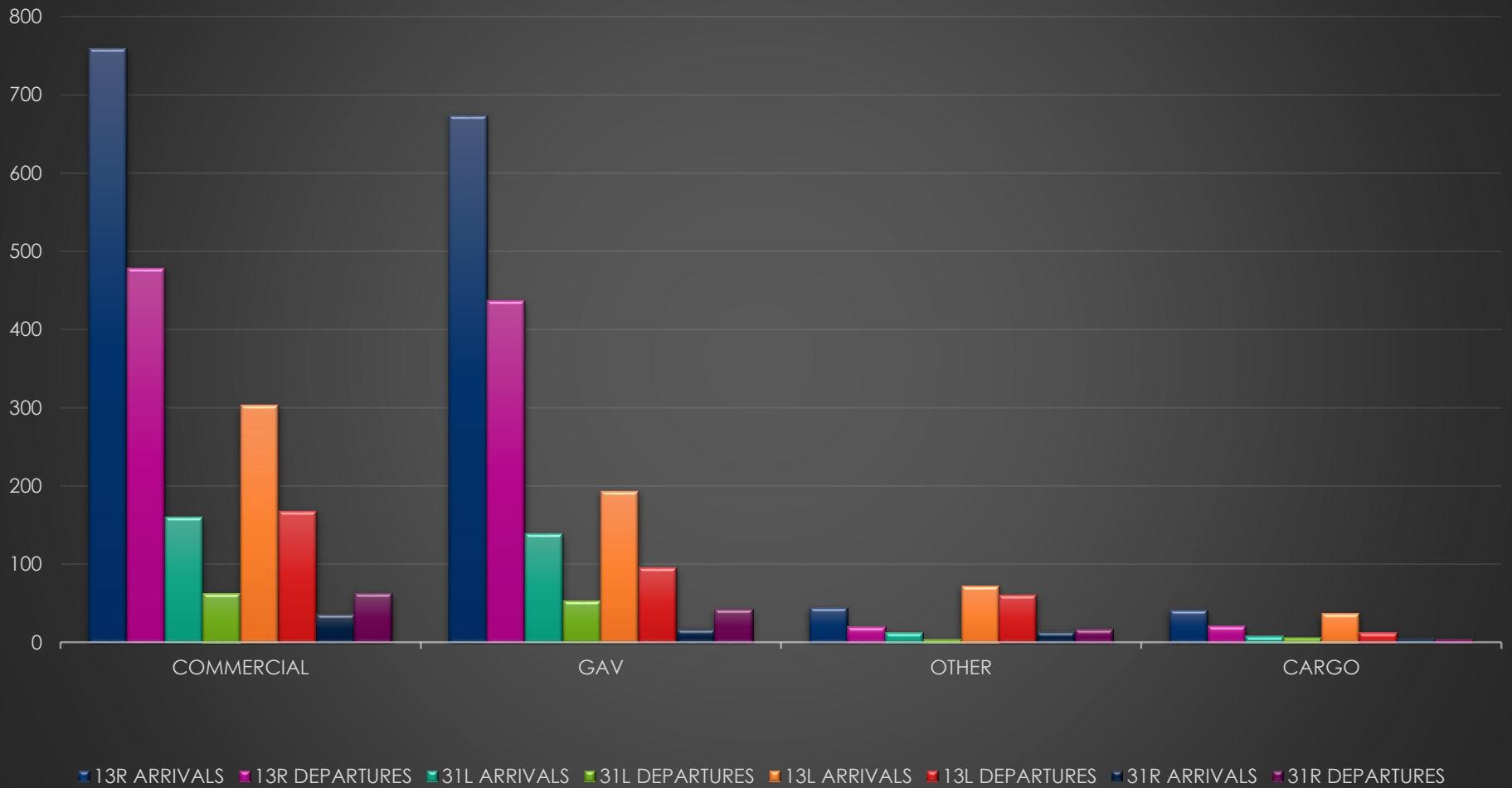
Preferential Runway Program Participation Percentage - June



JUN 2017



Operations by Type During Preferential Hours - June



CONSTRUCTION AND CLOSURES

- ▶ Runway 13L/31R (LEMMON)
Taxiway Echo Rehabilitation
 - ▶ Closure from July 9th – August 25th (45 Days)



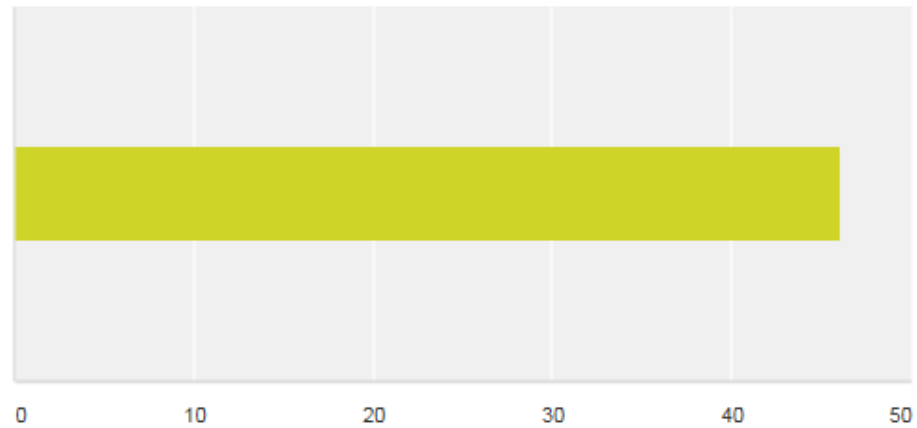
SURVEY RESULTS



Dallas Love Field

How would you rate the Dallas Love Field Website? (1 being the worst, 100 being the best)

Answered: 21 Skipped: 0

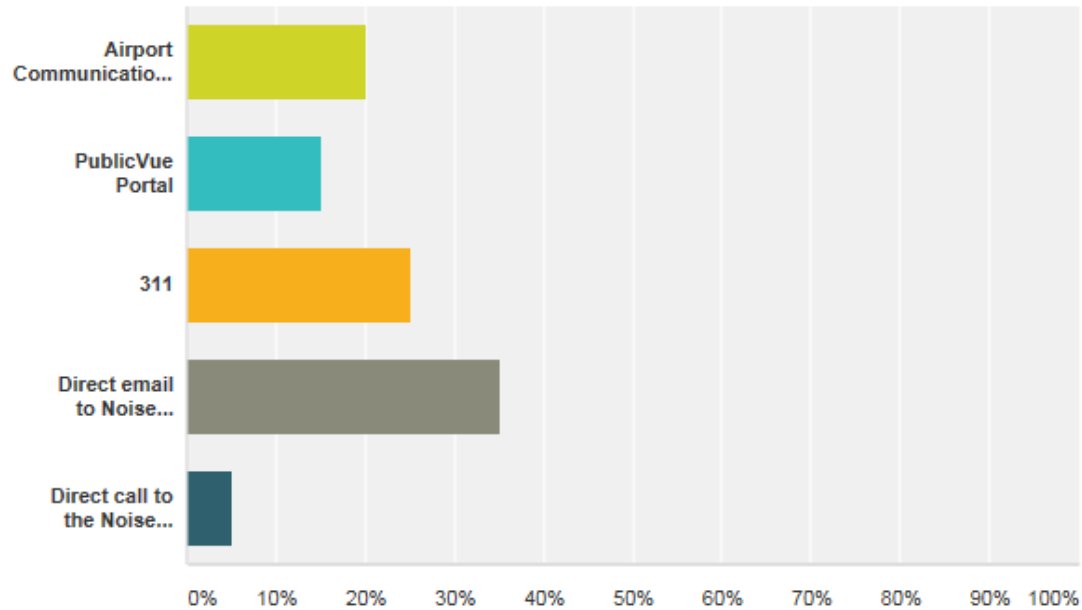


Answer Choices	Average Number	Total Number	Responses
Responses	46	967	21

Total Respondents: 21

What method do you use most often to file a noise complaint?

Answered: 20 Skipped: 1



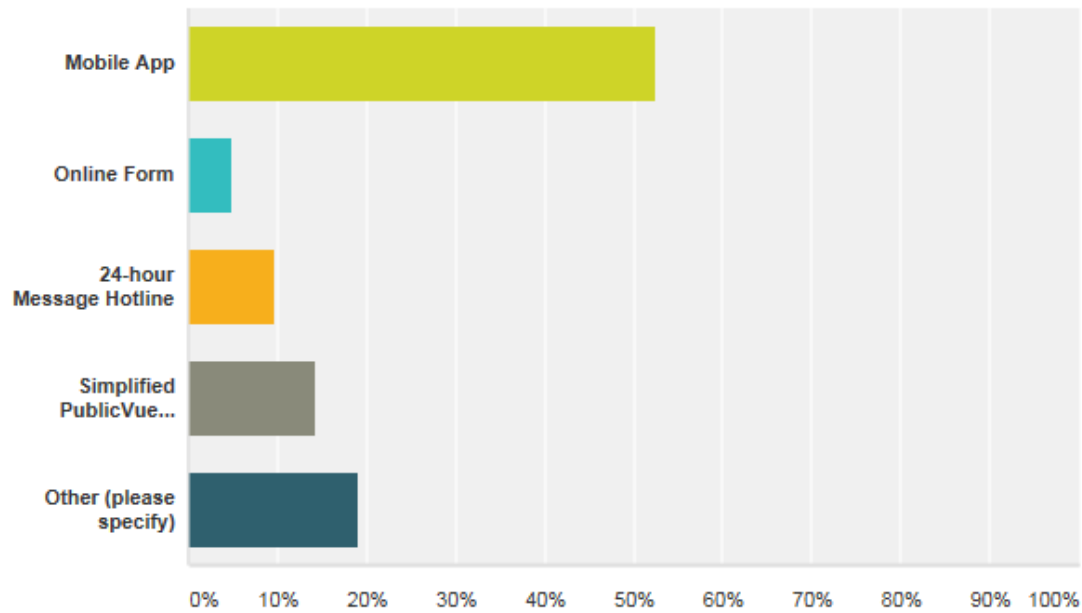
Answer Choices	Responses
▼ Airport Communications Center - (214) 670-LOVE (5683)	20.00% 4
▼ PublicVue Portal	15.00% 3
▼ 311	25.00% 5
▼ Direct email to Noise Coordinator	35.00% 7
▼ Direct call to the Noise Office	5.00% 1
Total	20



Dallas Love Field

If DAL were to add an additional contact method for noise complaints, which would you prefer?

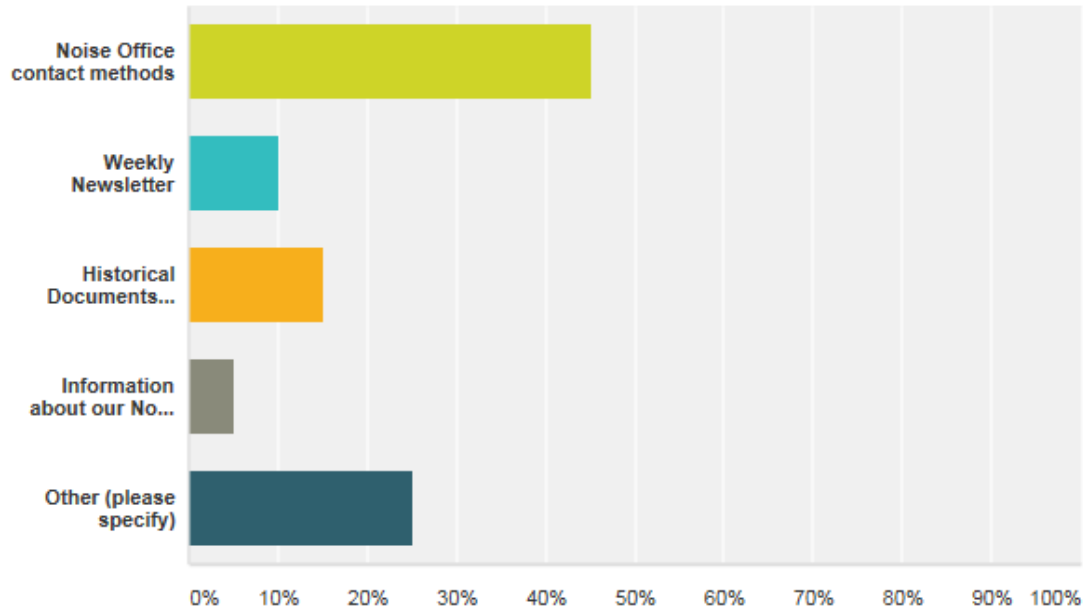
Answered: 21 Skipped: 0



Answer Choices	Responses
Mobile App	52.38% 11
Online Form	4.76% 1
24-hour Message Hotline	9.52% 2
Simplified PublicVue Portal	14.29% 3
Other (please specify) Responses	19.05% 4
Total	21

When you visit Love Field's website, what are you typically looking for?

Answered: 20 Skipped: 1



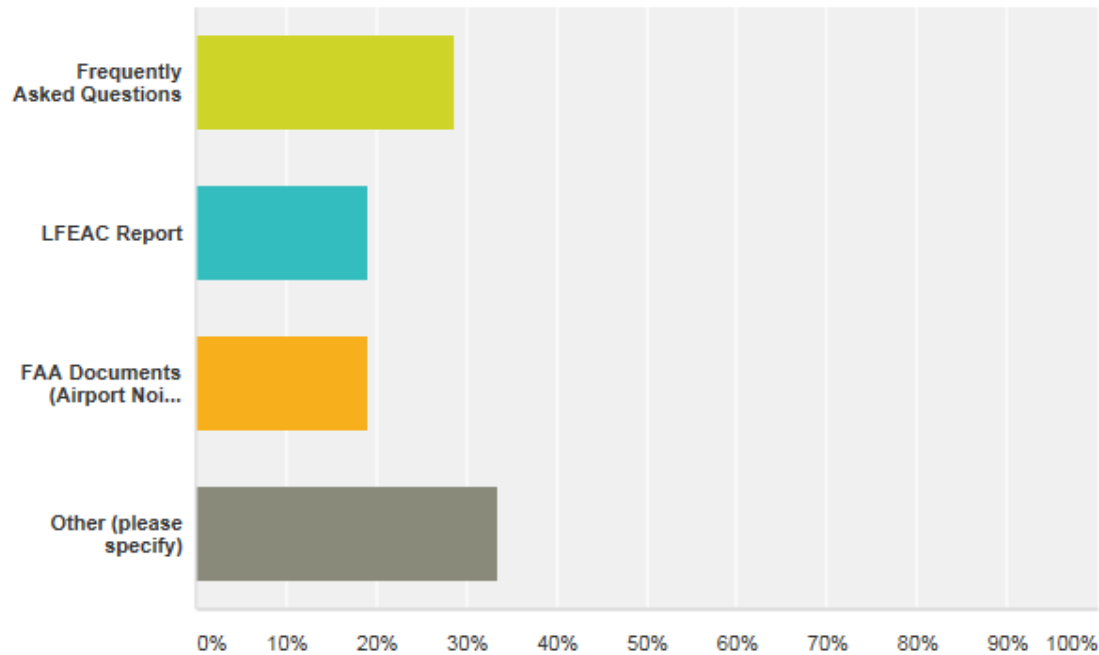
Answer Choices	Responses
▼ Noise Office contact methods	45.00% 9
▼ Weekly Newsletter	10.00% 2
▼ Historical Documents (Noise Contours, Five Party Agreement, etc.)	15.00% 3
▼ Information about our Noise Program (brochures, posters, etc.)	5.00% 1
▼ Other (please specify) Responses	25.00% 5



Dallas Love Field

If we were to add information to our Noise Program page, what would you be most interested in seeing?

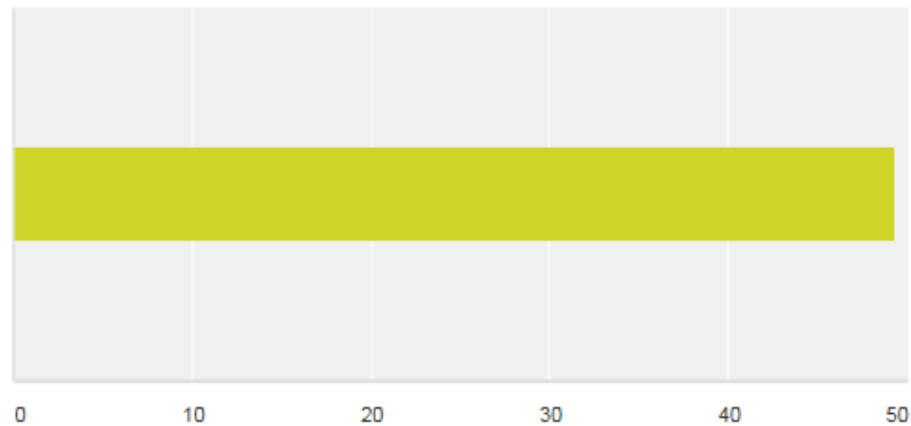
Answered: 21 Skipped: 0



Answer Choices	Responses
▼ Frequently Asked Questions	28.57% 6
▼ LFEAC Report	19.05% 4
▼ FAA Documents (Airport Noise and Capacity Act of 1990, etc.)	19.05% 4
▼ Other (please specify) Responses	33.33% 7

How would you rate the PublicVue Portal? (1 being the worst, 100 being the best)

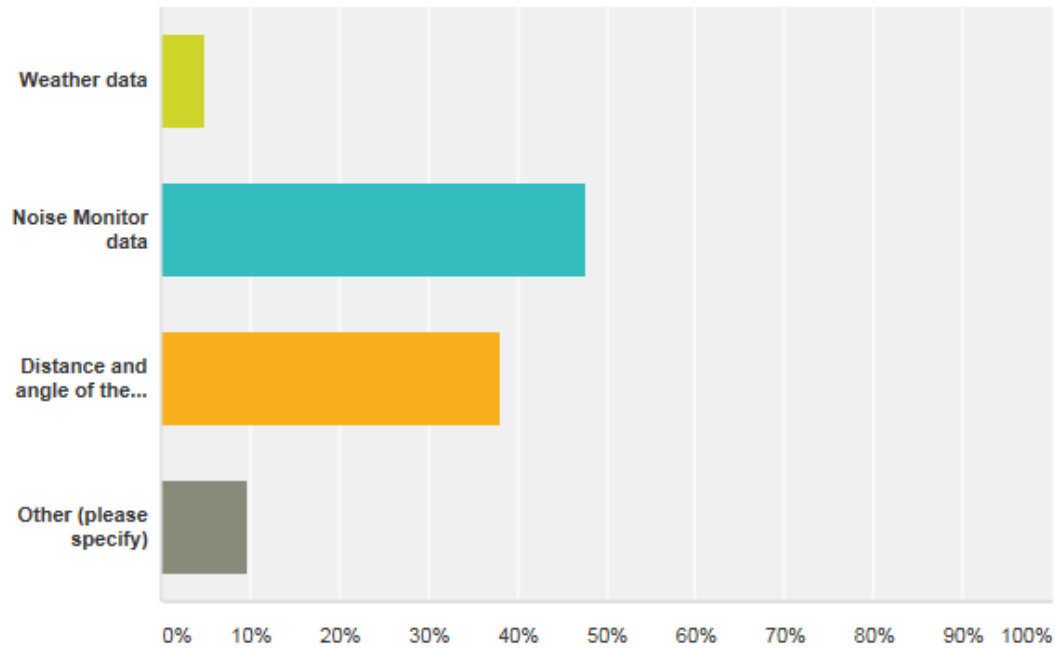
Answered: 21 Skipped: 0



Answer Choices	Average Number	Total Number	Responses
Responses	49	1,034	21
Total Respondents: 21			

If we were to add information to the PublicVue page, what would you be most interested in seeing?

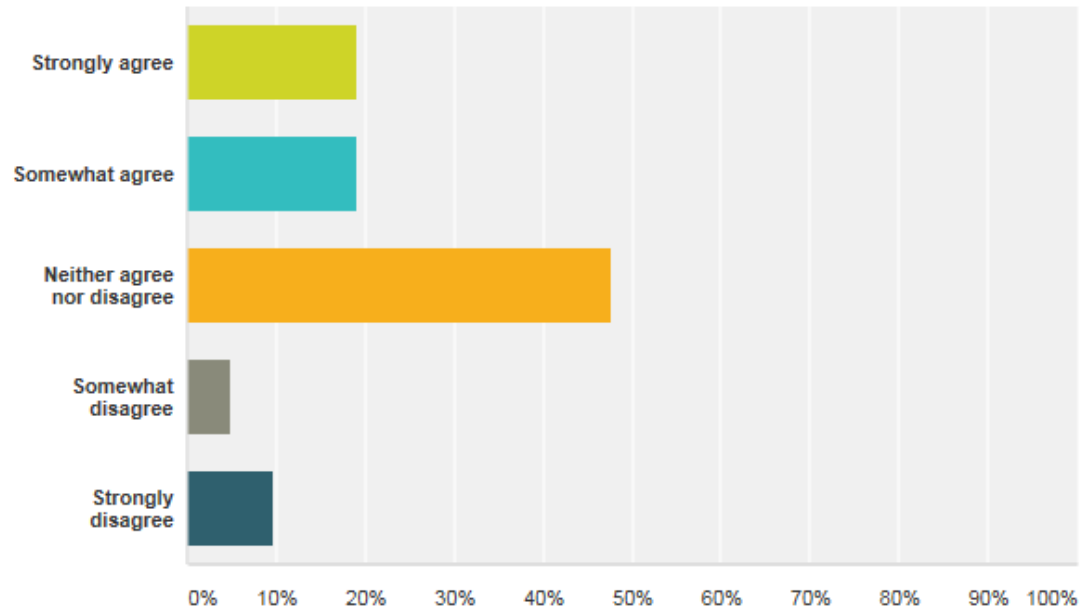
Answered: 21 Skipped: 0



Answer Choices	Responses
Weather data	4.76% 1
Noise Monitor data	47.62% 10
Distance and angle of the aircraft in relation to my home	38.10% 8
Other (please specify)	9.52% 2

PublicVue Portal is easy to use.

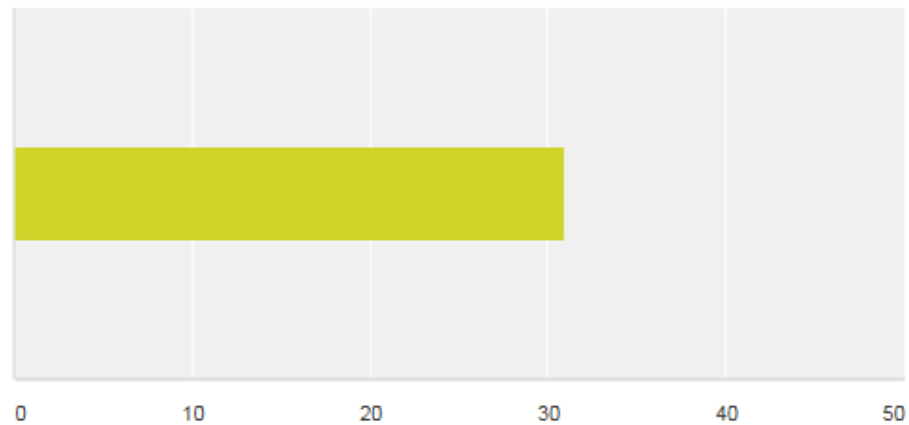
Answered: 21 Skipped: 0



Answer Choices	Responses
Strongly agree	19.05% 4
Somewhat agree	19.05% 4
Neither agree nor disagree	47.62% 10
Somewhat disagree	4.76% 1
Strongly disagree	9.52% 2
Total	21

How would you rate the customer service from the Noise Program? (1 being the worst, 100 being the best)

Answered: 21 Skipped: 0



Answer Choices	Average Number	Total Number	Responses
Responses	31	649	21
Total Respondents: 21			

NOISE COMPLAINTS

- ▶ 2014: 973 Complaints
 - ▶ 260 Complainants
 - ▶ Top 5 - 47% of complaints
- ▶ 2015: 2502
 - ▶ 169 Complainants
 - ▶ Top 5 – 83% of complaints
- ▶ 2016: 1765
 - ▶ 175 Complainants
 - ▶ Top 5 – 68% of complaints
- ▶ 2017: 663*
 - ▶ 75 Complainants
 - ▶ Top 5 – 61% of complaints

* Through July 6, 2016

WILDLIFE

- ▶ Animals Trapped between 4/1/2017 – 6/30/2017
 - ▶ 3 Brown Headed Cowbird
 - ▶ 12 Mallard Ducks
 - ▶ 3 Feral Cats
 - ▶ 1 Fox Squirrel
 - ▶ 13 Great-tailed Grackle
 - ▶ 41 Mourning Dove
 - ▶ 11 Opossum
 - ▶ 1 Raccoon
 - ▶ 8 Rock Pigeon
 - ▶ 1 Striped Skunk
- ▶ Nest Removal 4/1/2017 – 6/30/2017
 - ▶ 3 Barn Swallow
 - ▶ 23 Cliff Swallow



- ▶ Action Items

- ▶ Incite more participation from the west side of airfield.

- ▶ Preparing a flier about LFEAC, and Newsletter to put at Graowler Park - Ongoing

OPEN DISCUSSION AND QUESTIONS

Next Meeting
October 12, 2017 at 6PM