

California State Airport Noise Standards Quarterly Report

Fourth Quarter 2017



LAX

*Los Angeles
World Airports*

Los Angeles World Airports
Los Angeles International Airport

February 14, 2018

TABLE OF CONTENTS

California State Airport Noise Standards Quarterly Report

1. Division of Aeronautics Form 617
2. Incompatible Land Use Data
3. Daily Aircraft CNEL Data
4. Runway Utilization Report
 - Summary of Runway Use
 - Summary of Runway Flow
5. Summary of Actions

Attachment

Noise contour map

**SUMMARY OF STATISTICAL INFORMATION
FOR
CALIFORNIA DEPARTMENT OF TRANSPORTATION**

Los Angeles International Airport
Fourth Quarter 2017

1. Size of Noise Impact Area as defined in the Noise Standards (California Code of Regulations, Title 21, Chapter 2.5, Subchapter 6):

646.5 Acres

2. Estimated number of dwelling units included in the Noise Impact Area as defined in the Noise Standards:

8,308

3. Estimated number of people residing within the Noise Impact Area as defined in the Noise Standards:

30,272

4. Identification of aircraft type having highest takeoff noise level operating at this airport together with estimated number of operations by this aircraft type during the calendar quarter reporting period:

B747: 3,122

5. Total number of aircraft operations during the calendar quarter*:

173,559

6. Number of Air Carrier operations during the calendar quarter: (Not Mandatory)*

160,609

7. Percentage of Air Carrier operations by aircraft certificated under Federal Aviation Regulation (FAR) Part 36, Stage III. (Not Mandatory)

100 %

8. Estimated number of operations by General Aviation aircraft during the calendar quarter: (Not Mandatory)*

4,391

9. Estimated number of operations by Military aircraft during the calendar quarter: (Not Mandatory)*

112

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - All Jurisdictions											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population
Single Family	323.4	2,268	2,323	8,261	69.6	469	475	2,029	6.4	32	32	158
Multi-Family	288.7	6,012	1,877	21,939	88.7	1,915	541	7,954	8.1	121	73	482
Mobile Home	1.0	1	3	3	0.0	0	0	0	0.0	0	0	0
Schools	8.4	0	30	0	3.0	0	17	0	0.0	0	0	0
Churches	24.3	26	56	65	3.9	0	4	0	0.0	0	0	0
Hospitals	0.7	1	3	4	0.0	0	0	0	0.0	0	0	0
Total Incompatible	646.5	8,308	4,292	30,272	165.2	2,384	1,037	9,982	14.5	153	105	640

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - Athens											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
	Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels
Single Family	37.4	276	291	956	0.0	0	0	0	0.0	0	0	0
Multi-Family	41.6	763	260	2,585	0.0	0	0	0	0.0	0	0	0
Mobile Home	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Schools	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Churches	1.9	5	8	18	0.0	0	0	0	0.0	0	0	0
Hospitals	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	80.9	1,044	559	3,558	0.0	0	0	0	0.0	0	0	0

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

Report Date: 02/14/2018

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - Del Aire											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
	Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels
Single Family	2.4	13	13	34	0.0	0	0	0	0.0	0	0	0
Multi-Family	0.7	12	3	22	0.0	0	0	0	0.0	0	0	0
Mobile Home	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Schools	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Churches	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Hospitals	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	3.1	25	16	56	0.0	0	0	0	0.0	0	0	0

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

Report Date: 02/14/2018

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - City of El Segundo											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
	Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels
Single Family	85.6	568	572	1,479	14.8	92	92	239	0.0	0	0	0
Multi-Family	24.7	644	281	1,416	7.3	225	99	500	1.0	50	50	108
Mobile Home	0.4	1	1	3	0.0	0	0	0	0.0	0	0	0
Schools	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Churches	0.7	0	2	0	0.5	0	1	0	0.0	0	0	0
Hospitals	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	111.4	1,213	856	2,897	22.6	317	192	739	1.0	50	50	108

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

Report Date: 02/14/2018

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - City of Inglewood											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
	Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels
Single Family	95.5	662	686	2,490	12.9	91	94	410	0.0	0	0	0
Multi-Family	133.6	2,991	787	11,060	42.2	1,124	211	4,727	0.0	0	0	0
Mobile Home	0.6	0	2	0	0.0	0	0	0	0.0	0	0	0
Schools	2.1	0	2	0	0.0	0	0	0	0.0	0	0	0
Churches	14.0	12	25	24	2.1	0	1	0	0.0	0	0	0
Hospitals	0.7	1	3	4	0.0	0	0	0	0.0	0	0	0
Total Incompatible	246.5	3,666	1,505	13,579	57.2	1,215	306	5,137	0.0	0	0	0

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

Report Date: 02/14/2018

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - Lennox											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
	Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels
Single Family	65.2	453	458	2,176	41.9	286	289	1,379	6.4	32	32	158
Multi-Family	61.4	937	361	4,383	39.0	558	230	2,707	7.1	71	23	374
Mobile Home	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Schools	5.2	0	25	0	3.0	0	17	0	0.0	0	0	0
Churches	1.6	1	3	4	1.3	0	2	0	0.0	0	0	0
Hospitals	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	133.4	1,391	847	6,563	85.2	844	538	4,086	13.5	103	55	532

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

Report Date: 02/14/2018

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - South and South East LA											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
	Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels
Single Family	36.2	291	297	1,114	0.0	0	0	0	0.0	0	0	0
Multi-Family	25.0	602	176	2,310	0.0	0	0	0	0.0	0	0	0
Mobile Home	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Schools	1.1	0	3	0	0.0	0	0	0	0.0	0	0	0
Churches	4.2	5	15	13	0.0	0	0	0	0.0	0	0	0
Hospitals	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	66.5	898	491	3,437	0.0	0	0	0	0.0	0	0	0

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

Report Date: 02/14/2018

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75 +

4Q17	Total Cumulative Noise Impact Areas - Westchester/Playa Del Rey											
	<i>CNEL 65 dB and Above</i>				<i>CNEL 70 dB and Above</i>				<i>CNEL 75 dB and Above</i>			
	Land Use	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels	Population	Acres	Dwelling Units	Parcels
Single Family	1.0	5	6	12	0.0	0	0	0	0.0	0	0	0
Multi-Family	1.8	63	9	164	0.2	8	1	20	0.0	0	0	0
Mobile Home	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Schools	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Churches	1.9	3	3	5	0.0	0	0	0	0.0	0	0	0
Hospitals	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	4.7	71	18	181	0.2	8	1	20	0.0	0	0	0

Note: Parcels and dwelling units may not match for single family land uses due to subdivision.
Parcels for multifamily land uses reflect only the common area parcel, except for condominiums.

Report Date: 02/14/2018

October	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LN1	LN2	LN3	LN4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*	
1 Sun	80	69	63	57	65	68	61	55	56	46	56	62	59	54	76	65	61	67	68		70	59	58	62	75	61	62	66	61	69	67	61	62	62	64	61	65	61	63	
2 Mon	78	71	65	60	64	68	61	55	59	48	59	66	63	59	77	66	63	69	70		70	59	60	62	75	61	62	68	62	67	68	64	61	62	64	62	65	61	65	
3 Tue	79	70	64	59	65	68	62	58	60	50	56	62	62	59	76	65	62	67	69		71	59	58	64	76	65	62	66	61	68	66	61	63	61	65	63	66	62	63	
4 Wed	79	70	63	59	65	68	62	58	59	54	58	64	63	60	76	65	63	68	69		67	59	59	64	75	64	62	65	61	67	67	62	62	62	65		65	63	64	
5 Thu	79	70	65	60	65	68	62	59	59	51	60	65	68	62		65	62	68	69			60	59	65	76	66	62	66		68	66	61	63	61	65	--	66	61	64	
6 Fri	80	68	62	58	67	69	66	66	65	60	59	65	65	62	75	64	62	66	67			60	55	62	70	61	62	65	59	65	64	58	61	58	63	63	64	60	61	
7 Sat	79	66	60	55	64		64	60	66	67	54	63	61	56	73	62	59	64	65			58	53	60		60	61	64	58	65		56	59	56	62	62	63	59	60	
8 Sun	80	69	63	57	65		60	55	55	47	56	63	60	56	75	64	61	67	68			59	58	61		61	62	66	61	67		59	64	61	65	62	65	60	63	
9 Mon	80	69	63	59	63	66	61	58	59	53	58	64	61	56	67	60	62	61	67			60	51	63	76	62	62	66	61	67	63	60	62	56	65	62	65	61	63	
10 Tue	80	67	61	57	64	69	64	61	63	59	55	60	59	56	66	59	63	61	67			61	50	63	77	63	63	67		67	62	59	62	55	65	62	65	61	60	
11 Wed	80	68	62	61	66	69	62	57	57	53	57	62	63	60	67	59	64	62	68			63	53	66	79	65	65	69	63	69	63	62	65	57	67		67	63	63	
12 Thu	80	69	63	59	66	69	66	58	58	49	57	61	62	59	69	60	64	63	69			62	54	64	78	64	64	69	63	69	65	62	65	58	67	--	67	64	63	
13 Fri	80	69	63	59	66	69	63	58	60	52	57	62	61	59	68	60	65	63	69			63	53	65	78	65	65	69	64	69	64	62	65	58	67	--	67	63	65	
14 Sat	79	68	62	57	65	68	63	60	62	58	57	61	63	60	66	58	62	61	67			61	51	63	78	64	63	68	63	68	63	62	63	56	64	--	67	63	60	
15 Sun	80	65	59	54	65	69	66	63	66	63	55	61	63	59	66	59	62	60	66			59	43	61	76	63	64	68	60	66	61	58	61	53	65	--	64	60	59	
16 Mon	78	67	62	57	65	68	65	64	66	64	58	64	66	62	67	61	59	63	66			62	48	61	--	62	62	65	60	66	62	59	60	53	62	--	64	59	60	
17 Tue	79	68	62	57	65	68	63	61	65	63	58	62	62	60	67	59		62	68			60	50	62	--	63	63	67	61	67	63	60	62	55	64		64	59	62	
18 Wed	79	69	63	58	65	68	60	57	57	51	58	62	64	61	68	59	62	63	69			61	53	65	--	67	62	67	62	68	65	63	63	58	66	63	66	61	62	
19 Thu	79	69	64	59	65	69	61	57	57	47	58	64	65	62	70	61		64	70			70	62	56	64	77	65	64	67	63	69	66	63	64	59	66	65	66	62	63
20 Fri	80	69	64	57	66	69	63	59	61	58	57	62	61	57	67	59		62	68			72	60	53	66		63	63	66	62	67	64	65	63	58	65	62	66	61	62
21 Sat	78	67	61	56	65	68	64	62	64	61		60	63	58	66	58	--	60	67			70	60	51	62	--	62	62	65	61	68	63	61	62	56	65	63	65	60	60
22 Sun	79	66	61	55	65	69	67	63	69	67		60	61	61	66	59	--	60	66			70	58	48	62	--	61	63	65	60	66	62	59	61	54	64	66	63	60	61
23 Mon	78	66	61	55	64	68	64	59	67	66		61	63	58	65	58		60	65			69	58	47	60	--	62	62	63	59	65	61	58	60	54	63	65	64	59	59
24 Tue	78	64	59	52		67	63	59	64	62		60	59	54	65	56		60	65			69	57	48	60	74	62	62	64	59	65	61	58	60	54	63	64	64	59	61
25 Wed	78	66	61	56	--	67	63	63	64	61	56	61	62	58	66	58		60	66			70	58	50	62	74	62	63	65	61	66	62	59	61	55	65	64	64	59	59
26 Thu	79	68	62	58	--	68	62	60	63	59		63	64	61	67	59		62	69			71	60	51	63		63	63	66	62	67	64	60	62	56	65	65	65	60	60
27 Fri	80	68	62	56	64	69	64	61	63	56	--	61	61	57	68	59	--	65	68			71	60	52	64	75	62	63	66	62	66	63	61	62	57	64	61	65	60	61
28 Sat	78	69	64	56	64	67	61	56	58	54	--	60	60	59	66	57	--	62	66			72	60	51	63	77	63	63	66	62	68	62	59	63	60	65	60	66	61	60
29 Sun	79	69	63	57	64	67	60	55	55	46	--	60	58	52	69	58	--	62	68			72	60	52	63	77	63	63	67	62	68	66	61	63	59	65	63	66	60	61
30 Mon	79	69	64	58	65	67	62	56	59	52		62	59	56	67	60	--	63	69			71	59	54	63	75	63	63	65	61	67	64	61	62	58	65	63	65	60	63
31 Tue	78	69	64	58	65	68	62	57	60	48		61	58	57	67	60	--	64	70			72	59	55	64	75	65	62	66	62	68	65	62	63	58	65	64	66	62	63

* = Not Required for Title 21 Reporting

November	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LN1	LN2	LN3	LN4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Wed	78	70	64	58	65	68	62	57	58	48	--	61	58	55	67	59	--	63	69		72	60	55	64	76	64	62	66	63	69	65	62	63	58	66	63	66	61	62
2 Thu	78	70	65	59	65	68	62	57	58	49		61	62	59	68	60	65	64	70		72	61	56	65	76	62	61	67	64	69	66	63	63	59	66	63	66	62	63
3 Fri	79	69	63	57	66	69	64	58	62	50	--	62	58	54	68	59	64	63	69		72	60	54	64	76	64	63	66	62	68	64	62	63	58	65	62	66	62	62
4 Sat	79	68	62	55	65	68	62	57	60	53	--	58	58	55	67	59	63	62	68		71	60	53	63	74	67	64	66	62	68	63	61	63	57	65	61	66	62	61
5 Sun	78	70	64	58	65	68	62	58	60	45	--	61	59	58	69	59	64	63	69		72	60	54	63		63	63	67	63	69	65	62	64	58	66	62	67	63	62
6 Mon	80	68	64	60	66	69	63	58	61	48	59	63	59	57	68	59	63	63	69		72	60	53	63	76	63	62	66	62	68	64	61	63	57	65	62	66	61	61
7 Tue	79	69	63	58	65	69	63	59	61	45	58	63	61	60	67	59	63	62	68		71	61	53	62	75	62	62	65	62	67	64	61	62	58	65	62	65	61	61
8 Wed	79	69	64	58	65	69	63	61	62	48	59	63	64	60	74	62	61	66	68		71	60	57	63	75	63	62	66	62	67	65	60	62	59	65	61	65	61	62
9 Thu	78	71	65	60	65	69	64	59	63	51	58	62	62	60	76	65	62	68	69		73	62	60	64	77	61	64	68	64	69	67	61	64	62	66	62	67	63	63
10 Fri	79	70	64	59	65	68	63	58	60	46	59	63	62	58	74	63	64	67	67		72	59	58	63	76	63	62	66	62	68	65	59	63	61	65	62	66	65	63
11 Sat	80	68	62	56	--	69	63	59	64	52	58	63	62	61	74	63	60	66	66		70	59	57	62	74	61	61	65	61	66	64	58	62	59	64	64	65	61	61
12 Sun	79	69	64	57	--	69	63	59	60	50	59	66	63	61	75	64	61	67	68		70	60	58	65	75	62	62	66	61	67	65	59	62	60	64	62	65	60	61
13 Mon	79	71	65	60	--	68	62	58	63	50	60	67	66		77	67	63	69	70		71	60	60	63	74	62	61	65	61	66	67	61	61	62	64	65	64	60	63
14 Tue	79	69	64	58	--	69	63	60	62	52	60	65	64	--	75	64	61	67	68		71	59	58	63	74	62	62	65	61	67	65	59	61	60	65	63	65	61	62
15 Wed	79	68	64	60	--	68	63	61	62	50	60	63	63		75	64	61	67	68		70	59	57	61	74	62	61	65	61	66	66	60	61	60	64	61	64	59	62
16 Thu	78	69	64	60		69	64	62	67	57	61	63	60	58	76	65	65	68	69		71	60	59	62	74	64	62	65	61	67	66	60	62	61	65	65	65	60	62
17 Fri	79	69	63	57	66	69	64	61	62	52	57	62	62	58	76	64	68	68	68		72	59	59	63	75	62	62	66	61	67	66	60	62	61	65	62	65	61	63
18 Sat	79	68	62	56	66	69	65	60	65	57	55	61	62	58	74	63	60	66	67		70	57	57	61	74	61	61	62	61	68	65	61	61	60	66	64	64	62	61
19 Sun	78	67	62	56	65	68	63	62	64	55	57	63	63	62	74	63	61	66	67		70	58	56	60	74	61	64	--	60	66	64	58	61	59	64	63	64	59	60
20 Mon	80	69	64	59	65	68	64	63	64	53		64	64	62	73	63	61	66	66		71	59	56	61	74	63	61	--	60	66	64	58	61	59	64	61	64	59	60
21 Tue	78	68	62	57	65	69	67	64	69	60		65	63	59	74	62	60	65	66		70	59	55	61	74	61	63		60	66	64	57	61	59	65	67	65	62	59
22 Wed	79	67	61	56	64	68	66	61	68	60		60	62	58	74	63	60	65	67		71	58	56	61	75	62	62	65	62	66	64	58	61	59	65	68	65	61	60
23 Thu	78	67	62	56	64	67	65	61	66	55	--	60	61	56	71	61	58	63	64		68	57	53	59	72	58	59	63	59	66	62	55	59	59	64	62	62	58	58
24 Fri	78	67	61	56	65	68	64	61	64	52	--	64	64	60	72	62	59	64	65		71	56	55	62	73	60	61	64	59	65	64	58	60	59	63	63	63	59	60
25 Sat	78	69	62	56	63	67	63	60	64	54	--	65	61	58	75	64	60	66	67		72	58	57	60	75	61	62	66	60	67	65	59	62	60	64	64	65	60	61
26 Sun	78	69	64	57	64	68	62	57	59	50	--	61	59	56	76	65	62	68	69		72	62	59	62	77	63	63	67	62	68	66	61	63	60	65	62	66	61	62
27 Mon	78	71	66	61	65	68	62	58	60	53	61	67	64	60	77	66	64	70	71		71	58	61	63	74	62	61	65	62	67	68	62	62	62	65	65	65	60	64
28 Tue	79	68	64	58	66	69	63	59	61	53		65	63	60	75	65	62	68	69		72	60	59	65	75	66	63	66	62	68	66	61	63	60	66	65	66	61	62
29 Wed	79	70	64	59	65	69	63	60	61	49		67	64	60	74	64	--	67	68		72	60	58	62	73	63	62	66	61	67	65	60	62	60	65	65	65	61	61
30 Thu	79	69	63	59	66	69	63	60	62	56		63	64	60	74	64	--	66	67		71	60	58	62	--	62	62	65	61	66	65	59	61	60	64	64	64	62	61

* = Not Required for Title 21 Reporting

December	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LN1	LN2	LN3	LN4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Fri	79	69	64	58	66	69	63	59	61	49		64	67	62	75	64	--	67	68		73	61	58	62	--	62	63	66	61	67	66	59	62	61	65	63	66	64	65
2 Sat	79	69	63	58	65	68	63	59	62	51		65	63	59	73	62	--	65	66		70	60	56	60	--	60	62	64	60	66	63	57	61	58	64	62	64	59	61
3 Sun	79	69	63	57	65	69	62	58	59	47		63	60	55	75	64	--	67	68		71	60	59	62	--	62	63	67	62	68	66	60	63	61	66	64	66	61	63
4 Mon	79	67	63	57	65	68	62	61	61	50		61	58	55	72	61	60	64	65		68	58	54	63	72	58	57	62	59	65	63	56	59	58	62	63	62	57	60
5 Tue	77	64	59	52	62	65	61	57	61	52		59	61	55	71	59	57	63	64		69	56	50	59	73	59	58	63	58	65	61	54	59	57	62	62	62	59	58
6 Wed	76	65	58	52	63	66	63	60	64	58	45	63	62	58	72	61		64	64		69	58	50	60	73	61	62	63	58	64	62	54	58	56	62	65	62	57	58
7 Thu	76	65	60	56	62	67	62	58	63	52	56	60	63	60	72	60	--	63	63		68	57	50	58	71	59	59	62	58	62	62	53	57	55	61	61	62	56	57
8 Fri	76	65	60	55	63	67	63	58	64	61	57	63	62	59	71	61	--	65	64		69	58	52	60		60	60	64	58	64	61	54	58	56	64	66	62	57	59
9 Sat	76	64	59	55	61	65	61	55	62	56	54	57	55	49	70	58	--	61	62		67	54	49	57	--	57	59	61	58	63	60	53	57	58	62	64	61	56	55
10 Sun	77	64	61	54	61	65	61	54	61	53	56	62	61	59	70	59	--	61	62		65	49	50	56	--	56	54	60	54	63	60	52	55	55	60	63	59	56	56
11 Mon	76	63	60	53	61	65	63	61	64	56	52	59	60	58	72	62		63	64		71	54	49	58		57	59	60	56	62	61	52	55	56	65	63	60	59	56
12 Tue	75	64	57	53	60	64	62	57	63	55	54	58	61	55	71	59	56	61	64		67	55	55	59	68	60	58	61	56	62	59	50	55	55	60	66	59	55	55
13 Wed	76	66	59	55	61	65	61	56	62	56	57	62	63	59	71	60	59	63	64		69	59	51	62		63	61	65	58	65	61	55	58	56	64	67	62	55	56
14 Thu	78	68	61	58	64	68	64	61	63	58	61	66	67	64	73	63	62	64	65		70	57	57	60		61	62	64	59	64	64	56	59	57	64	66	61	57	57
15 Fri	77	67	60	55	64	66	62	57	62	55	56	61	66	63	73	65	61	65	65		69	59	53	60	73	61	62	63	58	64	63	55	59	59	62	61	61	58	60
16 Sat	80	67	61	57		69	63	60	62	55	56	62	61	58	70	60	64	63	67		71	59	55	62	76	62	62	66	62	68	63	60	63	58	66	64	66	62	61
17 Sun	79	66	60	52	--	68	64	61	65	53	52	56	57	51	71	60	57	63	64		70	54	53	58	72	58	59	63	58	64	62	57	59	58	64	62	63	59	58
18 Mon	78	68	63	58	--	68	64	61	65	55	57	62	64	61	73	62	60	65	66		71	59	55	61	74	61	63	65	61	66	64	58	61	59	65	65	64	60	59
19 Tue	79	69	63	58	--	69	63	60	63	50	61	65	64	64	74	64	61	66	67		70	58	57	61	74	61	62	65	61	66	65	59	60	59	64	64	63	60	61
20 Wed	80	69	63	60		70	66	64	65	58	60	65	65	63	74	65	63	67	69		72	59	59	63	75	63	62	66	62	67	66	60	62	61	65	64	64	60	61
21 Thu	78	68	62	58	66	70	65	63	65	56	58	63	59	58	--	62	60	65	66		70	58	55	61	74	61	60	64	60	66	63	58	61	58	64	63	63	61	60
22 Fri	78	68	62	57	65	68	64	60	66	58	59	64	65	63	74	65	61	65	66		69	58	55	61	74	61	62	64	60	66	63	58	60	59	64	64	63	59	59
23 Sat	78	68	62	57	64	68	63	59	64	53	58	64	63	64	74	63	61	66	67		70	58	54	61	74	61	61	64	59	65	63	57	64	58	64	64	62	59	59
24 Sun	77	67	61	55	64	67	62	59	64	51	57	64	63	61	73	62	59	64	65		70	59	52	60	75	62	63	66	63	68	61	55	61	56	64	63	63	59	58
25 Mon	79	67	61	56	--	68	62	58	61	51	57	62	64	61	73	62	59	64	65		68	58	55	58	72	59	60	63	58	65	63	56	59	58	63	60	62	58	57
26 Tue	78	69	64	59	--	68	64	63	64	53	59	64	64	62	76	65	62	67	68		72	59	58	62	75	63	63	66	62	68	65	59	62	60	66	66	64	60	60
27 Wed	79	71	65	60	--	68	63	61	63	56	63	67	68	65	76	65	64	68	68		72	59	58	63	75	66	64	66	61	68	65	59	62	60	65	66	64	59	62
28 Thu	78	69	63	59	--	69	66	64	67	61	60	66	66	63	76	65	62	67	68		71	60	57	63	75	65	65	66	62	68	65	59	62	60	67	69	65	60	60
29 Fri	78	69	63	58	--	68	64	61	65	58	58	64	64	59	74	63	63	65	66		69	58	55	60	74	61	63	64	59	65	64	58	61	58	64	67	63	59	59
30 Sat	79	69	64	59	--	69	63	60	62	54	--	64	61	61	76	64	61	67	68		71	59	58	61	75	62	61	66	61	67	66	59	61	61	64	64	64	60	62
31 Sun	77	69	63	59	--	68	62	56	58	48	--	63	62	62	74	63	63	66	67		70	60	57	61	75	61	63	65	61	67	64	58	62	59	67	60	65	62	63

* = Not Required for Title 21 Reporting



Runway Utilization Report
 Summary of Runway Use (Average)
 Los Angeles International Airport

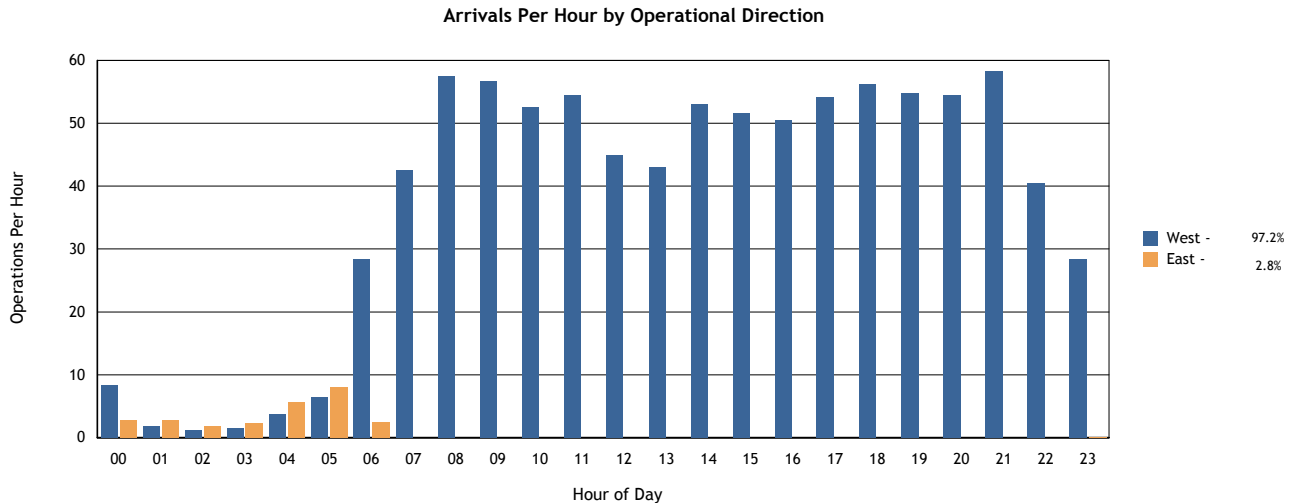
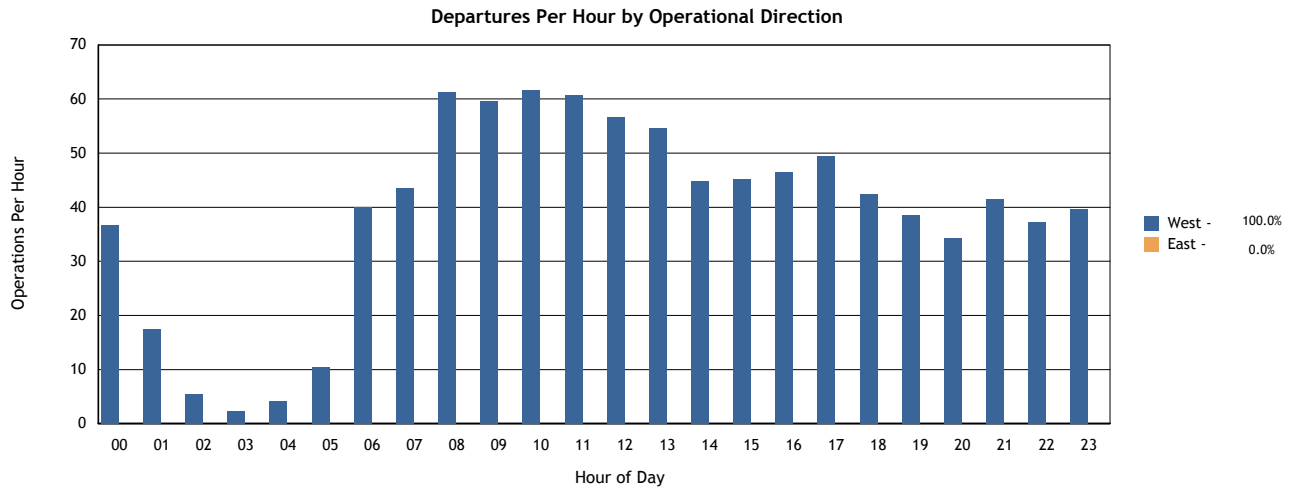
Period : 10/01/2017 to 12/31/2017
 Airline : ALL
 Aircraft : ALL

Time Period	Percent Daily Operations Per Runway								Average Operations	Runway Complex		Runway Flow		In Board	Out Board	
	06L	06R	07L	07R	24L	24R	25L	25R		South	North	West	East			
Departures																
Total Hours																
24 Hours	0%	<1%	0%	<1%	42%	<1%	3%	55%	935	58%	42%	100%	<1 %	97%	3%	
CNEL Hours																
0700 - 1900	0%	0%	0%	0%	46%	<1%	2%	52%	627	54%	46%	100%	0%	98%	2%	
1900 - 2200	0%	0%	0%	0%	45%	<1%	3%	52%	114	55%	45%	100%	0%	97%	3%	
2200 - 0700	0%	<1%	0%	<1%	28%	<1%	4%	68%	194	71%	29%	100%	<1 %	96%	4%	
Contra Hours																
Midnight - 0630	0%	<1%	0%	<1%	18%	<1%	5%	76%	97	81%	19%	100%	<1 %	94%	6%	
0630 - Midnight	0%	0%	0%	0%	45%	<1%	2%	53%	838	55%	45%	100%	0%	98%	2%	
Arrivals																
Total Hours																
24 Hours	<1%	2%	<1%	<1%	14%	30%	52%	1%	931	54%	46%	97%	3%	17%	83%	
CNEL Hours																
0700 - 1900	0%	0%	0%	0%	14%	32%	53%	<1%	617	54%	46%	100%	0%	15%	85%	
1900 - 2200	0%	0%	0%	0%	14%	32%	53%	<1%	168	54%	46%	100%	0%	15%	85%	
2200 - 0700	2%	14%	<1%	2%	10%	22%	47%	3%	146	52%	48%	82%	18%	27%	73%	
Contra Hours																
Midnight - 0630	5%	36%	<1%	4%	6%	12%	30%	7%	56	41%	59%	54%	46%	49%	51%	
0630 - Midnight	0%	<1%	0%	0%	14%	31%	54%	<1%	875	55%	45%	100%	<1 %	15%	85%	

All values are rounded to the nearest whole number.

Time Period	Departures			Arrivals			Departures		Arrivals	
	West	East	Average	West	East	Average	West	East	West	East
Total Hours										
24 Hours	935	<1	935	905	26	931	100%	<1%	97%	3%
CNEL Hours										
0700-1900	627	0	627	617	0	617	100%	0%	100%	0%
1900-2200	114	0	114	168	0	168	100%	0%	100%	0%
2200-0700	194	<1	194	120	26	146	100%	<1%	82%	18%
Contra Hours										
Midnight - 0630	97	<1	97	30	25	56	100%	<1%	54%	46%
0630 - Midnight	838	0	838	875	<1	875	100%	0%	100%	<1%

All percentages are rounded to the nearest whole number.



Summary of Actions Taken by LAWA to Comply with the Specific Requirements Imposed by Conditions of the Current Noise Variance for Los Angeles International Airport

Fourth Quarter 2017

The Los Angeles World Airports (LAWA) continuously works to operate an airport that maintains the highest possible environmental quality of life for surrounding communities. To that end, LAWA continues to take the following actions:

- LAWA continues to implement its Aircraft Noise Mitigation Program (ANMP), designed to fund the mitigation of all incompatible land uses within the noise impact boundary as defined in the State Noise Standards. LAWA updates the ANMP report periodically to ensure that it reasonably represents the mitigation and funding programs that are in place.
- With each second quarter Quarterly Report, LAWA submits an annual update of the ANMP. This update includes the number of dwellings acoustically insulated, the cost of the program, the anticipated funding availability, and the anticipated completion date of the project.
- LAWA continues to monitor and enforce, as appropriate, all of its informal noise abatement procedures in place at LAX, including but not limited to the early turn program, preferential runway use procedures and over ocean operations procedures.
- LAWA continues to work with Federal Aviation Administration and pilots to improve compliance with its “no turns before the shoreline” policy.
- LAWA will conduct the design study for the proposed development of two Ground Run-up Enclosures within the five-year time frame.
- LAWA analyzed the implementation of the existing Preferential Runway Use Policy and submitted a report evaluating compliance and implementation of the policy, including recommendations for any possible improvements.

- LAWA continues to submit to the State of California Department of Transportation (CalTrans) and the County of Los Angeles the required Quarterly Reports. These reports depict the noise impact area, and report on the incompatible land uses along with the daily and annual CNEL values at each monitoring station.
- LAWA has not submitted “any proposed new or modified noise monitoring plan or system” to Caltrans during this Variance period and, therefore, has not needed to provide a copy to the County. The existing airport noise and operations monitoring system was certified by Caltrans in February 2010 and the County was provided with all submitted documentation at that time. The County continues to review and audit the data LAWA submits in each Quarterly Report.
- LAWA continues to include tabular data and graphical illustrations with each Quarterly Report describing and comparing the level and type of usage for each runway at LAX during the quarter.
- LAWA continues to monitor and enforce its maintenance run-up curfew (2300-0600). When applicable, LAWA will include with each Quarterly Report, information regarding monitoring and enforcement activities undertaken during the quarter. There were no enforcement actions reported during the fourth quarter 2017.
- LAWA continues to provide a live answered noise complaint hotline as appropriate. Unanswered calls are retrieved, lodged, and responded to in a timely manner.
- LAWA’s aircraft noise and operations monitoring system continues to measure noise levels for all operations at LAX, including the Airbus A380 and the Boeing 747-800. This data is currently available and was presented to the LAX/Community Noise Roundtable and the LAX Area Advisory Committee.