

California State Airport Noise Standards Quarterly Report

Second Quarter 2019



LAX

*Los Angeles
World Airports*

Los Angeles World Airports
Los Angeles International Airport

July 31, 2019

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Noise contour map

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

Los Angeles International Airport
Second Quarter 2019

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

588.6 Acres

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

7,567

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

27,651

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: 3,056

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

174,217

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

161,052

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)*

4,889

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

67

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	290.2	2,032	2,078	7,414	61.4	408	414	1,737	4.4	19	19	96
Multi-Family	264.6	5,509	1,723	20,172	82.1	1,816	494	7,488	7.3	113	69	444
Mobile Home	1.0	1	3	3	0.0	0	0	0	0.0	0	0	0
Schools	8.2	0	29	0	3.0	0	17	0	0.0	0	0	0
Churches	24.0	25	55	62	2.4	0	2	0	0.0	0	0	0
Hospitals	0.6	0	2	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	588.6	7,567	3,890	27,651	148.9	2,224	927	9,225	11.7	132	88	540

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: 07/31/2019

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	32.6	240	255	841	0.0	0	0	0	0.0	0	0	0
Multi-Family	36.6	667	227	2,284	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	1.6	4	7	14	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	70.8	911	489	3,139	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: 07/31/2019

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	2.0	11	11	27	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	2.7	23	14	49	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: 07/31/2019

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	80.3	531	535	1,383	15.3	94	94	245	0.0	0	0	0
Multi-Family	24.3	638	278	1,401	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	0.0	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	105.7	1,170	816	2,786	22.6	319	193	744	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: 07/31/2019

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	87.0	602	620	2,289	9.6	65	68	295	0.0	0	0	0
Multi-Family	127.3	2,841	750	10,538	40.2	1,099	201	4,613	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	0.6	0	2	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	231.6	3,455	1,401	12,852	51.9	1,164	270	4,908	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: 07/31/2019

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	57.8	399	404	1,913	36.5	249	252	1,196	4.4	19	19	96
Multi-Family	54.2	829	320	3,897	34.5	492	194	2,376	6.3	63	19	336
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	0.3	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	118.8	1,229	752	5,815	74.3	741	464	3,572	10.7	82	38	432

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: 07/31/2019

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	30.6	249	253	961	0.0	0	0	0	0.0	0	0	0
Multi-Family	21.5	522	145	2,030	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	0.9	0	2	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	57.2	776	415	3,005	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: 07/31/2019

LOS ANGELES INTERNATIONAL AIRPORT

Incompatible Land Use

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

2Q19	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	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Multi-Family	0.0	0	0	0	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	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	1.9	3	3	5	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: 07/31/2019

April	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 Mon	79	69	63	58	64	68	62	61	62	57	56	65	62	59	73	62	59	65	66		69	58	55	60	73	60	60	64	60	64	64	57	61	58	63	61	63	59	61
2 Tue	79	71	65	59	65	68	62	58	59	48	59	64	64	62	75	64	61	67	68		72	60	58	64	75	67	63	66	--	68	66	61	68	60	66	64	66	65	64
3 Wed	78	71	65	60	65	68	62	59	61	51	57	64	61	58	75	64	62	67	68		72	60	59	65	75	66	63	66	62	68	66	61	64	61	68	63	67	62	63
4 Thu	78	71	65	59	65	68	62	58	58	58	57	63	62	63	75	64	62	67	68		73	61	60	63	77	63	64	68	58	68	66	62	65	61	67	63	67	62	63
5 Fri	79	70	64	58	66	69	64	60	62	54	60	63	61	59	75	63	61	67	68		70	60	58	62	75	64	63	64		66	65	60	63	60	65	63	66	62	62
6 Sat	78	70	64	58	65	67	61	57	57	53	56	63	61	56	74	63	61	67	67		71	61	58	63	76	63	64	65		68	66	60	64	60	66	63	66	63	62
7 Sun	78	70	65	59	66	68	63	61	61	56	60	64	65	64	74	63	60	66	67		70	60	56	61	75	61	62	--		66	65	58	63	59	65	60	65	62	62
8 Mon	79	71	65	61	66	68	65	65	65	62	62	67	67	65	74	63	61	67	68		70	59	57	61	75	61	62	--		66	65	59	63	62	65	63	65	61	62
9 Tue	80	68	61	61		70	66	65	65	61	62	65	64	59	74	63	61	66	68		69	60	59	63	74	62	61		65	66	66	61	63	61	65	63	65	62	62
10 Wed	78	68	61	62	65	70	65	63	65	63	57	59	59	54	74	62	60	65	66		71	59	56	63	76	62	61	67		66	64	59	64	58	66	61	65	61	61
11 Thu	78	70	64	58	66	69	65	64	64	62	58	63	62	61	74	64	62	67	68		71	62	58	62	76	61	68	67	62	67	65	61	65	61	66	64	67	64	62
12 Fri	79	70	64	59	67	69	67	67	66	63	58	63	62	59	75	64	61	67	68		71	60	58	63	76	62	63	67		67	65	60	63	60	66	63	66		64
13 Sat	80	69	63	59	67	69	62	62	60	51	61	65	63	59	72	61	60	65	66		69	60	55	61	73	60	60	64	--	65	63	57	61	58	64	60	63	--	60
14 Sun	78	68	61	55	65	67	61	60	57	45	55	61	60	56	74	63	60	67	67		69	62	57	60	74	61	61	64	--	64	65	58	61	59	64	61	63	--	62
15 Mon	77	70	65	59	63	66	59	56	58	47	56	62	62	59	76	65	62	69	69		71	59	59	62	75	63	62	66		66	67	60	63	61	65	61	65	--	64
16 Tue	79	69	64	58	66	69	62	58	58	52	57	62	59	59	74	63	61	66	67		71	60	57	62	74	62	62	67		66	65	60	62	60	65	61	66	--	62
17 Wed	80	69	64	60	66	69	63	62	61	51	59	64	63	60	74	62	60	66	67		72	66	57	61	74	61	61	65	62	65	65	58	62	60	64	61	64	--	61
18 Thu	79	70	64	59	66	69	63	61	61	55	59	65	64	60	74	63	61	67	67		70	60	58	61	74	61	62	65	63	65	65	61	62	59	68	62	64	--	60
19 Fri	77	69	62	57	63	68	61	57	58	48	56	61	61	58	75	63	61	67	67		72	61	57	63	77	64	64	68	60	69	65	58	65	59	66	62	66	--	62
20 Sat	78	69	63	57	65	67	61	57	58	44	56	60	60	56	75	63	61	67	67		71	61	58	63	76	60	63	67	60	70	66	59	65	60	66	61	66	--	
21 Sun	78	69	63	57	65	68	62	57	57	46	56	61	61	57	74	63	61	66	67		69	58	58	61	74	62	61	65	61	66	65	59	62	60	64	61	65	--	--
22 Mon	79	71	66	61	65	68	62	57	59	50	58	65	64	60	74	63	61	66	67		71	61	57	63	76	62	63	67	64	69	66	60	64	60	66	63	67	62	63
23 Tue	80	69	63	58	65	68	62	58	58	52	58	64	62	59	73	63	60	66	68		70	60	57	62	74	60	62	66	64	69	65	59	63	59	65	63	65	61	61
24 Wed	79	69	63	59	64	67	60	57	57	49	57	63	60	56	74	63	61	66	67		70	62	56	60	75	62	62	66	62	67	64	58	62	59	64	61	64	62	61
25 Thu	78	69	63	58	64	67	61	57	59	48	57	61	58	54	75	63	61	66	67		72	61	57	62	77	63	64	68	64	68	66	59	64	59	66	62	66	61	61
26 Fri	78	70	63	57	64	67	62	57	58	48	56	61	61	59	75	64		68	68		72	61	58	65	76	62	64	67	63	69	66	59	63	60	65	61	66	63	63
27 Sat	78	70	64	58	65	68	62	57	59	45	56	61	62	57	74	63	--	67	67		73	61	58	62	76	61	63	67	62	68	65	59	64	59	66	60	66	63	61
28 Sun	78	70	64	58	65	68	61	57	57	43	56	61	60	57	75	64	--	67	68		72	60	59	62	76	62	63	67	59	69	66	60	64	61	66	61	66	62	62
29 Mon	79	70	65	59	66	68	62	58	60	51	57	64	64	62	75	64	--	67	68		70	59	58	61	74	60	61	65	60	66	65	59	62	60	65	61	65	60	63
30 Tue	79	69	64	58	66	69	64	61	62	52	57	63	62	59	74	63		67	67		69	58	58	61	74	61	61	65	62	66	65	59	62	60	64	60	64	61	62

* = Not Required for Title 21 Reporting

May	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	80	70	64	59	66	68	63	59		54	57	61	59	59	75	62	61	66	67		70	59	57	61	74	63	61	65	61	67	65	60	62	59	64	61	64	63	62		
2 Thu	79	70	65	59	65	68	62	59	--	59	57	63	62	60	75	64	62	67	68		71	60	59	62	76	62	63	67	61	67	66	60	63	61	66	61	66	61	66	62	62
3 Fri	79	70	64	58	65	68	62	57	--	47	57	62	60	57	75	64	62	68	68		72	61	58	64	77	63	64	68	61	67	66	60	64	60	66	62	67	63	63		
4 Sat	78	70	64	58	64	67	61	57	--	52	58	60	58	55	73	62	60	66	67		70	60	58	62	75	62	63	66	63	67	65	59	63	59	66	61	65	61	62		
5 Sun	78	70	64	58	65	68	62	57	--	51	57	61	61	58	74	63	60	67	67		70	59	58	61	74	61	62	65	62	65	65	59	62	60	65	60	64	61	61		
6 Mon	78	70	64	59	65	68	62	58		56	57	63	63	58	75	64	62	67	68		70	59	58	61	74	62	62	66	62	66	66	60	62	60	65	62	65	61	62		
7 Tue	78	70	65	59	66	68	63	58	59	51	57	62	61	58	74	63	60	66	68		70	59	57	62	74	61	62	65	62	66	65	59	62	60	65	61	65		62		
8 Wed	79	69	63	59	66	69	63	58	59	48	56	61	58	55	73	62	59	65	66		70	59	56	61	74	61	61	64	61	65	64	58	61	59	64	59	64	--	60		
9 Thu	80	70	65	59	67	69	63	58	59	47	57	61	59	57	74	63	61	68	67		70	59	58	61	74	60	61	65	61	65	66	59	62	60	64	61	64	--	62		
10 Fri	79	69	64	57	67	68	62	58	58	50	56	62	62	60	74	62	60	66	67		70	59	57	61	74	59	62	64	58	65	65	59	62	60	64	61	64	62	61		
11 Sat	79	69	64	58	65	68	61	57	58	51	56	60	61	58	74	62	60	66	67		71	62	57	63	75	62	62	66	61	67	65	59	63	59	66	61	66	61	61		
12 Sun	78	70	64	58	64	67	60	55	55	48	57	62	61	55	75	65	61	67	67		70	59	58	62	75	62	61	66	60	67	66	60	62	60	65	62	65	61	61		
13 Mon	78	71	65	59	64	67	61	57	59	44	60	64	60	57	76	65	63	68	69		70	60	59	61	75	61	62	66	61	66	67	60	62	61	65	61	65	59	61		
14 Tue	79	71	65	59	65	67	61	57	58	49	57	62	61	58	75	64	62	68	68		71	59	59	63	74	62	62	66	61	67	66	60	63	61	65	62	66	61	62		
15 Wed	80	69	64	59	66	68	62	58	62	47	56	62	60	57	74	63	60	66	67		70	59	57	61	74	60	62	65	59	65	65	59	62	59	64	61	64	61	61		
16 Thu	79	72	65	60	66	69	62	59	59	52	58	63	62	60	74	63	62	66	66		71	58	57	63	75	61	61	66	58	65	64	59	62	59	64	61	64	60	61		
17 Fri	80	70	64	58	66	69	64	59	61	55	57	62	63	59	74	63	62	66	67		69	58	56	62	74	60	61	65	61	65	64	60	62	60	64	61	64	60	62		
18 Sat	79	69	64	59	65	68	62	57	60	58	58	62	60	56	73	62	60	65	66		70	60	56	61	75	62	65	65	59	67	64	59	63	59	64	62	65	61	61		
19 Sun	78	71	65	60	66	68	62	58	59	57	60	64	63	60	75	64	62	67	68		72	61	59	63	77	64	65	68	62	68	66	61	65	61	67	62	67	62	63		
20 Mon	77	71	66	60	65	68	63	58	60	56	58	63	64	61		65	63	68	69		71	61	59	63	76	64	64	67	63	68	67	61	65	62	67	63	66	63	64		
21 Tue	78	71	66	60	66	68	62	60	61	53	58	62	61	58	--	66	62	66	68		72	60	57	63	76	62	63	68	62	68	65	60	--	60	66	63	67	63	63		
22 Wed	80	70	64	59	66	69	63	59	61	57	59	64	62	58	76	63	63	67	68		71	61	58	63	76	63	63	67	61	67	65	60	--	60	67	62	66	63	62		
23 Thu	81	70	65	59	66	69	63	58	60	50	58	63	60	56	74	63	61	67	67		70	59	58	62	74	59	61	65	60	66	65	60	--	60	66	63	65	61	62		
24 Fri	79	70	64	58	66	69	63	58	60	55	58	62	63	62	75	64	63	67	68		70	60	58	64	75	63	63	66	62	66	66	61	--	61	65	62	66	62	63		
25 Sat	79	69	64	58	65	68	62	57	57	64	57	61	60	58	73	62	59	65	66		70	59	57	61	74	61	63	65	61	67	64	59	--	59	65	60	63	63	61		
26 Sun	78	69	63	57	65	68	62	58	58	51	56	61	62	58	74	63	61	66	67		69	60	58	60	74	58	62	64	59	65	65	59	--	60	64	60	64	60	62		
27 Mon	77	71	65	59	65	68	62	57	58	50	57	63	64	63	71	64	60	66	67		69	60	58	61	74	60	61	65	60	66	65	59	--	60	64	61	64	61	61		
28 Tue	78	69	63	58	65	70	63	58	60	44	56	62	59	57	75	63	60	66	66		69	58	57	60	73	60	60	64	61	65	65	59	--	60	64	61	64	60	61		
29 Wed	80	70	65	60	66	69	63	59	59	50	57	63	63	60	70	62	60	66	66		70	59	57	61	74	62	62	66	61	65	64	61	--	59	65	61	65	60	62		
30 Thu	79	69	63	58		68	61	57	58	55	56	61	60	56	75	64	61	67	68		71	61	58	63	75	64	62	66	61	67	65	59	63	59	65	61	65	61	61		
31 Fri	79	70	64	58	--	68	61	57	57	48	58	62	59	55	75	64	62	68	68		72	61	58	63	76	62	63	67	63	68	66	59		60	66	63	65	--	61		

* = Not Required for Title 21 Reporting

June	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 Sat	79	70	65	59	--	68	62	57	59	46	57	61	60	57	74	63	61	66	67		71	61	57	63	76	62	65	67	62	67	65	59	--	59	66	60	66	--	61
2 Sun	78	69	64	57	--	68	62	57	58	47	56	61	59	56		63	60	67	67		70	59	57	61	75	62	62	65	61	67	64	59	--	60	65	60	65	--	62
3 Mon	78	71	65	59		67	61	57	58	51	57	63	60	57	76	63	62	66	68		71	61	58	65	76	62	63	67	59	67	65	59	--	60	66	63	66	--	62
4 Tue	79	69	63	57	65	68	62	57	58	57	56	61	58	54	74	63	64	66	68		71	63	57	63	76	62	63	67	60	67	65	59	64	59	65	62	65	--	61
5 Wed	80	69	62	57	64	68	61	57	58	46	55	60	57	54	73	62	61	65	67		71	60	55	61	76	62	62	67	58	66	64	58	61	57	64	61	64	--	60
6 Thu	79	69	63	56	64	67	61	56	57	46	55	61	59	55	74	63	61	67	68		71	62	57	62	76	61	63	67	59	67	65	61	--	58	65	62	64		60
7 Fri	79	70	65	59	65	68	60	55	56	50	57	61	60	56	75	64	61	67	68		72	62	58	63	76	63	64	67	60	69	66	59		60	67	62	66	65	62
8 Sat	79	70	65	58	65	69	61	57	56	43	58	61	60	56	74	63	63	67	67		71	60	57	62	75	62	64	66	58	68	66	59	63	60	65	62	65	63	61
9 Sun	79	70	64	59	65	67	61	57	57	48	58	61	59	54	74	63	60	66	67		70	60	57	61	75	61	62	66	61	67	65	59	62	60	65	59	65	61	61
10 Mon	80	70	65	61	67	68	64	64	63	58	61	65	63	61	75	64	61	67	68		69	58	57	60	73	62	61	64	61	65	65	59	58	59	64	61	63	59	61
11 Tue	80	70	65	61	66	68	63	59	60	51	59	64	62	57	75	64	60	68	68		70	58	58	61	74	60	61	65	59	66	66	59	--	60	64	60	64	60	63
12 Wed	80	70	63	59	65	68	62	58	60	49	59	63	63	58	75	64	61	67	67		71	61	58	62	75	63	62	66	60	67	66	59		59	65	61	65	60	61
13 Thu	78	71	64	58	64	67	61	56	57	54	57	62	60	59	75	64	62	68	68		73	64	59	63	77	63	64	68	60	68	66	62	65	60	66	61	66	63	62
14 Fri	80	70	65	60	66	68	63	58	60	45	58	61	60	57	74	63	63	67	67		70	60	58	64	74	61	61	65	61	66	65	59	62	60	65	61	65	61	63
15 Sat	79	70	64	57	66	69	62	57	58	46	57	61	58	52	75	64	61	67	68		72	63	59	63	77	62	65	68	60	68	66	60		60	68	62	66	64	64
16 Sun	79	70	64	57	66	69	62	57	58	49	56	60	55	51	74	63	61	66	67		74	58	57	61	75	65	63	66	59	67	65	58	--	60	65	62	65	61	61
17 Mon	79	70	64	58	66	68	62	58	59	48	59	62	57	56	74	64	61	67	67		70	58	58	61	74	62	61	65	61	66	66	59	--	60	65	61	65	62	62
18 Tue	79	70	64	58	66	69	62	58	58	48	57	62	59	57		64	61	67	68		71	60	58	62	75	63	62	66	59	67	65	60	--	60	66	61	65	61	64
19 Wed	80	70	65	60	66	68	62	57	60	48	57	61	59	56	--	63	61	67	68		72	61	58	63	77	66	64	68	59	68	66	60	66	60	68	61	66	62	62
20 Thu	80	70	65	58	66	70	63	58	59	48	56	61	59	57	--	64	62	67	69		71	59	58	62	75	63	63	66	59	66	66	60	62	60	65	64	66	64	63
21 Fri	79	70	64	58	66	68	62	58	59	47	57	61	62	57	76	64	62	67	68		71	60	58	62	75	64	63	66	58	67	65	60	--	60	65	63	66	63	
22 Sat	79	70	64	58	66	69	63	58	61	51	57	60	59	55	75	64	61	67	68		72	64	58	63	77	63	64	68	61	68	67	60	--	62	67	66	68	63	--
23 Sun	78	69	62	60	64	67	61	57	58	44	55	60	59	56	74	63	59	66	66		69	60	55	59	74	65	62	65	58	65	64	56	--	57	62	57	63	59	--
24 Mon	78	70	64	58	63	67	62	56	58	52	56	62	62	57	76	65	62	68	69		71	59	59	62	75	64	62	69	59	66	67	60	--	60	65	63	64	59	--
25 Tue	80	71	65	59	65	68	62	57	57	48	57	62	61	56	76	65	62	68	69		72	59	59	64	75	60	63	67	59	67	67	62	64	61	66	64	66	61	--
26 Wed	79	71	65	60	65	68	62	60	60	51	57	62	64	59	75	64	62	68	68		72	61	59	65	76	64	63	67	59	68	66	61	63	61	67	66	68	62	--
27 Thu	79	70	64	58	66	68	62	58	59	57	59	62	60	58	75	64	60	67	68		71	60	59	62	76	62	62	66	63	67	65	61	63	60	66	63	65	57	--
28 Fri	80	70	65	59	66	68	62	57	57	54	57	63	63	62	75	64	60	67	68		71	60	58	62	75	62	62	65	60	66	66	59	62	61	65	66	65	--	--
29 Sat	79	68	63	57	65	68	62	57	59	50	55	60	61	60	71	60	63	63	67		71	59	55	63	75	62	63	66	62	68	66	61	60	58	66	63	66	--	--
30 Sun	79	69	64	58	65	68	61	57	57	46	60	62	61	60	74	63	60	67	67		70	60	58	62	75	61	61	66	61	66	66	60		60	65	63	66	--	--

* = Not Required for Title 21 Reporting



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

Period : 04/01/2019 to 06/30/2019

Airline : ALL

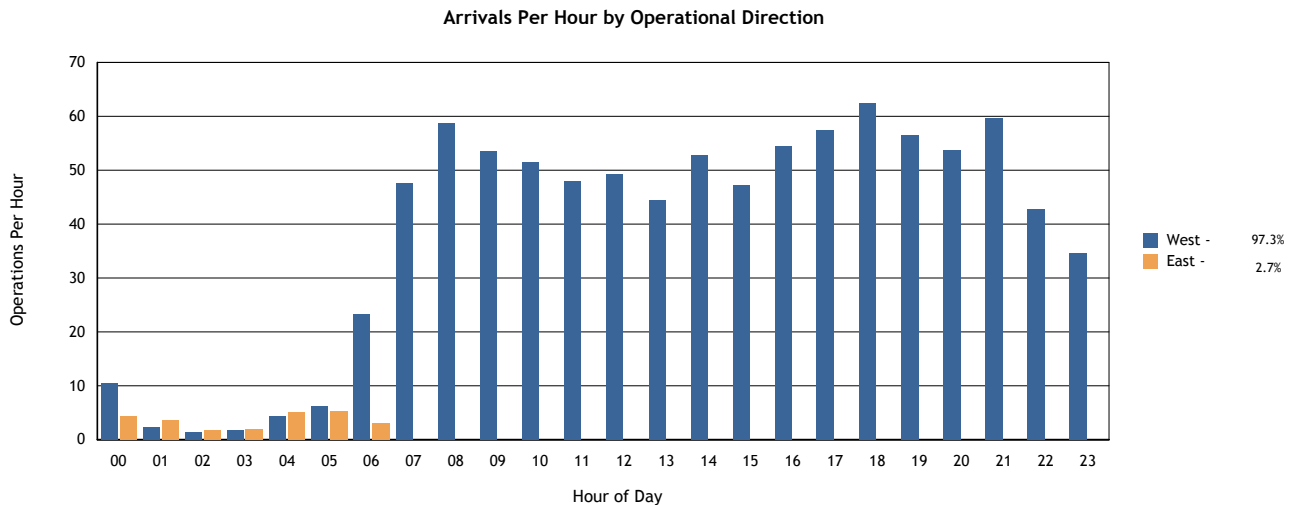
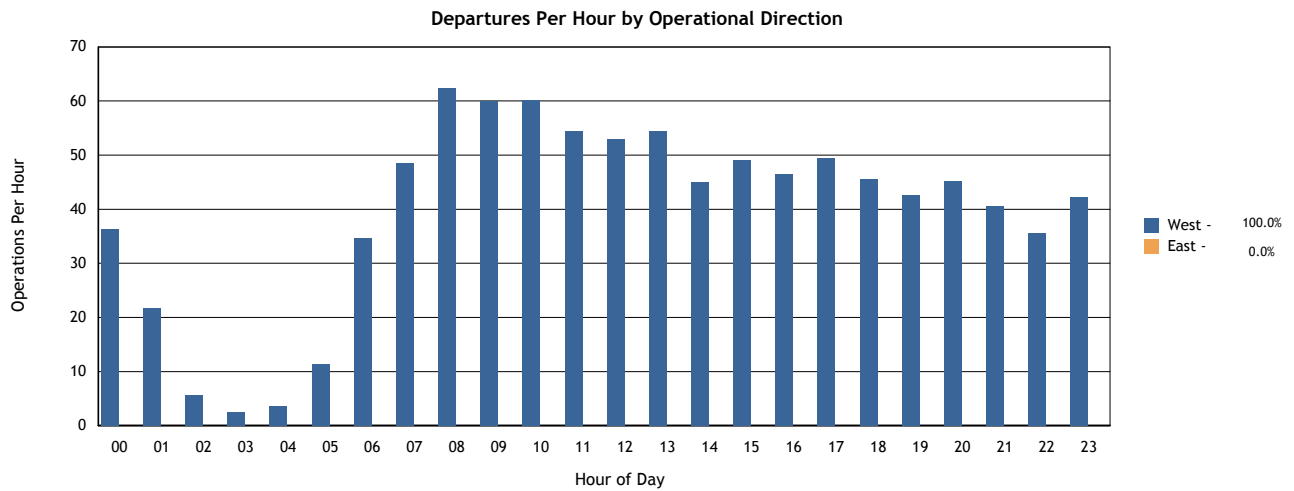
Aircraft : ALL

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%	0%	<1%	0%	47%	<1%	2%	51%	951	53%	47%	100%	<1 %	98%	2%	
CNEL Hours																
0700 - 1900	0%	0%	0%	0%	51%	<1%	2%	47%	629	49%	51%	100%	0%	98%	2%	
1900 - 2200	0%	0%	0%	0%	51%	<1%	2%	46%	128	49%	51%	100%	0%	98%	2%	
2200 - 0700	0%	0%	<1%	0%	30%	<1%	3%	66%	194	69%	31%	100%	<1 %	97%	3%	
Contra Hours																
Midnight - 0630	0%	0%	<1%	0%	20%	<1%	5%	74%	101	79%	21%	100%	<1 %	94%	6%	
0630 - Midnight	0%	0%	0%	0%	50%	<1%	2%	48%	849	50%	50%	100%	0%	98%	2%	
Arrivals																
Total Hours																
24 Hours	<1%	2%	<1%	<1%	<1%	46%	51%	<1%	950	51%	49%	97%	3%	3%	97%	
CNEL Hours																
0700 - 1900	0%	0%	0%	0%	<1%	48%	51%	<1%	627	51%	49%	100%	0%	<1%	99%	
1900 - 2200	0%	0%	0%	0%	<1%	49%	50%	<1%	170	51%	49%	100%	0%	1%	99%	
2200 - 0700	2%	13%	<1%	<1%	1%	32%	49%	2%	152	51%	49%	83%	17%	16%	84%	
Contra Hours																
Midnight - 0630	6%	35%	<1%	2%	2%	15%	35%	4%	58	42%	58%	57%	43%	41%	59%	
0630 - Midnight	<1%	<1%	0%	0%	<1%	48%	52%	<1%	891	52%	48%	100%	<1 %	<1 %	99%	

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	951	<1	951	924	25	950	100%	<1%	97%	3%
CNEL Hours										
0700-1900	629	0	629	627	0	627	100%	0%	100%	0%
1900-2200	128	0	128	170	0	170	100%	0%	100%	0%
2200-0700	194	<1	194	127	25	152	100%	<1%	83%	17%
Contra Hours										
Midnight - 0630	101	<1	101	33	25	58	100%	<1%	57%	43%
0630 - Midnight	849	0	849	891	<1	891	100%	0%	100%	<1%

All percentages are rounded to the nearest whole number.



LAX Average Daily Runway Use By Aircraft Type - 24 Hours Second Quarter 2019

Arrivals (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
A20N	0.000	0.044	0.000	0.000	0.011	0.396	2.220	0.055
A21N	0.000	0.033	0.000	0.000	0.033	2.165	2.934	0.011
A306	0.044	0.275	0.000	0.055	0.000	0.033	1.198	0.099
A30B	0.011	0.088	0.000	0.000	0.000	0.011	0.385	0.011
A319	0.011	0.187	0.000	0.000	0.165	16.527	21.396	0.187
A320	0.055	0.297	0.000	0.000	0.396	25.890	46.407	0.396
A321	0.824	3.835	0.022	0.022	0.308	24.593	84.000	0.934
A332	0.033	0.176	0.000	0.000	0.066	4.703	3.780	0.011
A333	0.000	0.000	0.000	0.000	0.022	2.297	1.275	0.000
A343	0.000	0.000	0.000	0.000	0.000	0.022	0.527	0.000
A346	0.000	0.000	0.000	0.000	0.000	0.099	0.055	0.000
A359	0.000	0.000	0.000	0.000	0.055	5.967	0.253	0.000
A388	0.066	0.582	0.000	0.000	0.154	8.429	0.099	0.000
AC95	0.011	0.000	0.000	0.000	0.000	0.000	0.011	0.000
ASTR	0.000	0.000	0.000	0.000	0.011	0.033	0.077	0.000
B350	0.000	0.000	0.000	0.000	0.000	0.286	0.396	0.000
B712	0.011	0.011	0.000	0.000	0.110	9.703	1.648	0.000
B721	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000
B733	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.000
B734	0.000	0.022	0.000	0.000	0.000	0.011	0.769	0.000
B736	0.000	0.000	0.000	0.000	0.011	0.363	0.077	0.000
B737	0.176	1.407	0.000	0.000	1.088	68.033	22.231	0.253
B738	0.297	1.495	0.011	0.011	0.582	48.374	57.275	0.637
B739	0.341	1.648	0.000	0.033	0.407	28.681	32.670	0.549
B742	0.000	0.055	0.000	0.000	0.000	0.000	0.912	0.000
B744	0.209	0.769	0.000	0.154	0.022	1.088	6.978	0.176
B748	0.055	0.440	0.000	0.209	0.055	1.604	4.055	0.000
B752	0.253	1.429	0.011	0.044	0.440	13.121	20.692	0.253
B753	0.132	0.549	0.000	0.011	0.187	5.341	9.473	0.187
B762	0.000	0.066	0.000	0.011	0.000	0.022	0.725	0.011
B763	0.253	1.582	0.011	0.330	0.011	2.956	10.473	0.451
B764	0.000	0.022	0.000	0.000	0.000	2.132	1.363	0.000
B772	0.099	0.418	0.022	0.022	0.022	2.253	5.835	0.121
B773	0.000	0.000	0.000	0.000	0.011	0.802	0.011	0.000
B77L	0.209	1.253	0.000	0.121	0.099	1.538	6.022	0.176
B77W	0.033	0.176	0.000	0.011	0.264	24.011	7.154	0.011
B788	0.000	0.000	0.000	0.000	0.022	1.385	3.505	0.011
B789	0.132	1.231	0.011	0.011	0.220	14.791	13.692	0.220
B78X	0.000	0.011	0.000	0.000	0.011	0.626	1.527	0.000
BE10	0.000	0.000	0.000	0.000	0.000	0.022	0.011	0.000

Departures (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
A20N	0.000	0.000	0.000	0.000	0.044	0.000	0.022	2.637
A21N	0.000	0.000	0.000	0.000	2.044	0.000	0.000	3.143
A306	0.000	0.000	0.000	0.000	0.000	0.000	0.209	1.505
A30B	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.440
A319	0.000	0.000	0.000	0.000	16.890	0.088	0.132	21.407
A320	0.000	0.000	0.000	0.000	30.077	0.209	0.275	43.286
A321	0.000	0.000	0.000	0.000	18.670	0.066	0.615	95.220
A332	0.000	0.000	0.000	0.000	4.967	0.000	0.011	3.901
A333	0.000	0.000	0.000	0.000	2.385	0.011	0.066	1.121
A343	0.000	0.000	0.000	0.000	0.308	0.000	0.011	0.220
A346	0.000	0.000	0.000	0.000	0.143	0.000	0.000	0.055
A359	0.000	0.000	0.000	0.000	4.066	0.000	0.055	2.132
A388	0.000	0.000	0.000	0.000	8.560	0.000	0.780	0.000
AC95	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
ASTR	0.000	0.000	0.000	0.000	0.022	0.000	0.022	0.077
B350	0.000	0.000	0.000	0.000	0.198	0.000	0.121	0.363
B712	0.000	0.000	0.000	0.000	11.286	0.011	0.000	0.187
B721	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
B733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.132
B734	0.000	0.000	0.000	0.000	0.000	0.000	0.033	0.780
B736	0.000	0.000	0.000	0.000	0.451	0.000	0.000	0.000
B737	0.000	0.000	0.000	0.000	89.154	0.209	0.121	3.879
B738	0.000	0.000	0.000	0.000	63.604	0.143	0.099	44.758
B739	0.000	0.000	0.000	0.000	28.374	0.055	0.099	36.176
B742	0.000	0.000	0.000	0.000	0.000	0.000	0.143	0.824
B744	0.000	0.000	0.000	0.000	0.703	0.000	1.264	7.429
B748	0.000	0.000	0.000	0.000	1.846	0.000	4.560	0.000
B752	0.000	0.000	0.000	0.000	20.407	0.033	0.154	15.582
B753	0.000	0.000	0.000	0.000	7.440	0.033	0.011	8.440
B762	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.813
B763	0.000	0.000	0.000	0.000	4.473	0.011	1.396	10.165
B764	0.000	0.000	0.000	0.000	3.253	0.033	0.000	0.242
B772	0.000	0.000	0.000	0.000	2.330	0.000	0.066	6.429
B773	0.000	0.000	0.000	0.000	0.319	0.000	0.011	0.473
B77L	0.000	0.000	0.000	0.000	1.813	0.000	1.879	5.758
B77W	0.000	0.000	0.000	0.000	12.890	0.000	0.286	18.484
B788	0.000	0.000	0.000	0.000	3.253	0.011	0.011	1.681
B789	0.000	0.000	0.000	0.000	9.538	0.022	0.077	20.780
B78X	0.000	0.000	0.000	0.000	0.033	0.000	0.000	2.154
BE10	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.011

**LAX Average Daily Runway Use By Aircraft Type - 24 Hours
Second Quarter 2019**

Arrivals (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
BE20	0.000	0.011	0.000	0.011	0.000	0.165	0.220	0.000
BE24	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
BE30	0.000	0.000	0.000	0.000	0.022	2.231	1.143	0.000
BE35	0.000	0.000	0.000	0.000	0.000	0.022	0.011	0.000
BE36	0.000	0.000	0.000	0.000	0.000	0.011	0.033	0.000
BE40	0.000	0.000	0.000	0.000	0.000	0.044	0.374	0.000
BE58	0.000	0.000	0.000	0.000	0.000	0.033	0.011	0.000
BE99	0.000	0.011	0.000	0.000	0.011	0.407	0.242	0.000
BE9L	0.000	0.000	0.000	0.000	0.000	0.088	0.055	0.000
C172	0.000	0.011	0.000	0.000	0.000	0.022	0.055	0.000
C182	0.011	0.011	0.000	0.000	0.000	0.044	0.044	0.000
C208	0.000	0.000	0.000	0.000	0.000	0.011	3.132	0.121
C210	0.000	0.000	0.000	0.000	0.000	0.011	0.022	0.000
C25A	0.000	0.011	0.000	0.000	0.000	0.143	0.198	0.000
C25B	0.000	0.022	0.000	0.011	0.000	0.088	0.198	0.011
C25C	0.000	0.000	0.000	0.000	0.000	0.011	0.066	0.000
C310	0.000	0.000	0.000	0.000	0.000	0.011	0.011	0.000
C441	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000
C501	0.000	0.000	0.000	0.000	0.000	0.011	0.011	0.000
C510	0.000	0.000	0.000	0.000	0.000	0.011	0.022	0.000
C525	0.011	0.000	0.000	0.000	0.000	0.132	0.352	0.000
C550	0.000	0.000	0.000	0.000	0.000	0.033	0.154	0.000
C560	0.000	0.000	0.000	0.000	0.000	0.088	0.132	0.000
C56X	0.000	0.000	0.000	0.000	0.022	0.549	1.275	0.022
C650	0.000	0.000	0.000	0.000	0.000	0.022	0.132	0.000
C680	0.000	0.022	0.000	0.000	0.000	0.374	1.242	0.000
C68A	0.000	0.000	0.000	0.000	0.000	0.165	0.374	0.000
C750	0.000	0.033	0.000	0.000	0.000	0.473	1.242	0.011
CL30	0.000	0.000	0.000	0.000	0.000	0.879	1.802	0.000
CL35	0.000	0.022	0.000	0.000	0.000	0.385	0.923	0.011
CL60	0.022	0.055	0.000	0.000	0.000	0.582	1.934	0.000
COL3	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
COL4	0.000	0.000	0.000	0.000	0.000	0.121	0.231	0.000
CRJ2	0.033	0.264	0.000	0.000	0.165	13.330	5.538	0.099
CRJ7	0.000	0.011	0.000	0.000	0.143	11.363	8.637	0.220
CRJ9	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000
DC10	0.000	0.044	0.000	0.011	0.000	0.000	0.516	0.022
DC87	0.000	0.000	0.000	0.000	0.000	0.011	0.011	0.000
E135	0.000	0.000	0.000	0.000	0.000	0.022	0.132	0.000
E170	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.000

Departures (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
BE20	0.000	0.000	0.000	0.000	0.187	0.000	0.033	0.176
BE24	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
BE30	0.000	0.000	0.000	0.000	1.143	0.011	0.385	1.835
BE35	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.022
BE36	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
BE40	0.000	0.000	0.000	0.000	0.011	0.000	0.077	0.330
BE58	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.033
BE99	0.000	0.000	0.000	0.000	0.066	0.000	0.044	0.560
BE9L	0.000	0.000	0.000	0.000	0.066	0.000	0.000	0.088
C172	0.000	0.000	0.000	0.000	0.011	0.000	0.011	0.033
C182	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.099
C208	0.000	0.000	0.000	0.000	0.011	0.000	0.000	3.264
C210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.033
C25A	0.000	0.000	0.000	0.000	0.077	0.000	0.033	0.242
C25B	0.000	0.000	0.000	0.000	0.044	0.000	0.055	0.220
C25C	0.000	0.000	0.000	0.000	0.011	0.000	0.011	0.055
C310	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
C441	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000
C501	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
C510	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.033
C525	0.000	0.000	0.000	0.000	0.066	0.000	0.055	0.374
C550	0.000	0.000	0.000	0.000	0.000	0.000	0.055	0.121
C560	0.000	0.000	0.000	0.000	0.033	0.000	0.033	0.154
C56X	0.000	0.000	0.000	0.000	0.198	0.000	0.363	1.253
C650	0.000	0.000	0.000	0.000	0.011	0.000	0.022	0.110
C680	0.000	0.000	0.000	0.000	0.121	0.000	0.341	1.187
C68A	0.000	0.000	0.000	0.000	0.044	0.000	0.066	0.440
C750	0.000	0.000	0.000	0.000	0.165	0.000	0.330	1.275
CL30	0.000	0.000	0.000	0.000	0.253	0.000	0.615	1.802
CL35	0.000	0.000	0.000	0.000	0.066	0.000	0.187	1.077
CL60	0.000	0.000	0.000	0.000	0.352	0.011	0.440	1.780
COL3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
COL4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.319
CRJ2	0.000	0.000	0.000	0.000	10.495	0.044	0.022	8.868
CRJ7	0.000	0.000	0.000	0.000	8.154	0.033	0.022	12.154
CRJ9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
DC10	0.000	0.000	0.000	0.000	0.000	0.000	0.209	0.385
DC87	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.011
E135	0.000	0.000	0.000	0.000	0.011	0.000	0.033	0.088
E170	0.000	0.000	0.000	0.000	0.033	0.000	0.011	0.022

LAX Noise Management
Source: LAX ANOMS, based on available FAA radar flight track data.

LAX Average Daily Runway Use By Aircraft Type - 24 Hours Second Quarter 2019

Arrivals (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
E190	0.000	0.000	0.000	0.000	0.000	0.066	2.099	0.000
E35L	0.000	0.011	0.000	0.000	0.000	0.022	0.264	0.000
E50P	0.000	0.000	0.000	0.000	0.000	0.396	0.429	0.000
E545	0.000	0.000	0.000	0.000	0.000	0.088	0.110	0.000
E550	0.000	0.000	0.000	0.000	0.000	0.033	0.286	0.000
E55P	0.000	0.011	0.000	0.000	0.000	0.473	0.967	0.000
E75L	0.077	0.275	0.000	0.000	0.681	73.582	53.912	0.769
E75S	0.000	0.000	0.000	0.000	0.011	0.747	0.418	0.000
F2TH	0.000	0.033	0.000	0.000	0.000	0.286	1.055	0.011
F900	0.011	0.011	0.000	0.000	0.000	0.209	0.846	0.022
FA20	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
FA50	0.000	0.000	0.000	0.000	0.000	0.022	0.198	0.000
FA7X	0.000	0.011	0.000	0.011	0.000	0.110	0.187	0.000
FA8X	0.000	0.000	0.000	0.000	0.000	0.022	0.110	0.000
G150	0.000	0.011	0.000	0.000	0.011	0.055	0.220	0.000
G280	0.000	0.011	0.000	0.000	0.000	0.066	0.132	0.000
GALX	0.000	0.022	0.000	0.000	0.000	0.209	0.681	0.000
GL5T	0.000	0.011	0.000	0.000	0.000	0.209	0.571	0.011
GLEX	0.022	0.044	0.000	0.000	0.022	0.484	1.462	0.022
GLF3	0.000	0.000	0.000	0.000	0.000	0.022	0.055	0.000
GLF4	0.033	0.055	0.000	0.000	0.011	0.560	2.011	0.033
GLF5	0.000	0.099	0.000	0.022	0.000	0.824	2.319	0.022
GLF6	0.011	0.033	0.000	0.000	0.000	0.220	0.824	0.000
H25B	0.011	0.044	0.000	0.000	0.000	0.330	1.077	0.011
H25C	0.000	0.000	0.000	0.000	0.000	0.044	0.088	0.000
HA4T	0.000	0.000	0.000	0.000	0.000	0.044	0.165	0.000
HDJT	0.000	0.000	0.000	0.000	0.000	0.011	0.044	0.000
HXB	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000
J328	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
LJ31	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
LJ35	0.000	0.011	0.000	0.000	0.000	0.000	0.110	0.000
LJ40	0.000	0.000	0.000	0.000	0.000	0.022	0.077	0.000
LJ45	0.000	0.000	0.000	0.000	0.000	0.088	0.275	0.000
LJ55	0.000	0.000	0.000	0.000	0.000	0.033	0.022	0.000
LJ60	0.000	0.000	0.000	0.000	0.011	0.110	0.374	0.011
LJ70	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
LJ75	0.000	0.000	0.000	0.000	0.000	0.011	0.066	0.000
MD11	0.198	0.857	0.011	0.110	0.000	0.066	4.275	0.253
MU2	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.000
P28A	0.000	0.011	0.000	0.000	0.000	0.000	0.033	0.000

Departures (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
E190	0.000	0.000	0.000	0.000	1.692	0.011	0.055	0.385
E35L	0.000	0.000	0.000	0.000	0.011	0.000	0.033	0.275
E50P	0.000	0.000	0.000	0.000	0.154	0.000	0.077	0.593
E545	0.000	0.000	0.000	0.000	0.011	0.000	0.033	0.143
E550	0.000	0.000	0.000	0.000	0.011	0.000	0.077	0.231
E55P	0.000	0.000	0.000	0.000	0.165	0.000	0.176	1.121
E75L	0.000	0.000	0.000	0.000	67.835	0.066	0.044	61.319
E75S	0.000	0.000	0.000	0.000	1.132	0.000	0.000	0.033
F2TH	0.000	0.000	0.000	0.000	0.099	0.000	0.253	1.044
F900	0.000	0.000	0.000	0.000	0.077	0.000	0.198	0.835
FA20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
FA50	0.000	0.000	0.000	0.000	0.022	0.000	0.044	0.154
FA7X	0.000	0.000	0.000	0.000	0.011	0.000	0.033	0.242
FA8X	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.121
G150	0.000	0.000	0.000	0.000	0.011	0.000	0.044	0.187
G280	0.000	0.000	0.000	0.000	0.000	0.000	0.055	0.154
GALX	0.000	0.000	0.000	0.000	0.088	0.000	0.176	0.659
GL5T	0.000	0.000	0.000	0.000	0.066	0.000	0.099	0.626
GLEX	0.000	0.000	0.000	0.000	0.110	0.011	0.374	1.604
GLF3	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.066
GLF4	0.000	0.000	0.000	0.000	0.198	0.000	0.451	2.143
GLF5	0.000	0.000	0.000	0.000	0.286	0.011	0.538	2.495
GLF6	0.000	0.000	0.000	0.000	0.066	0.000	0.231	0.758
H25B	0.000	0.000	0.000	0.000	0.066	0.000	0.286	1.110
H25C	0.000	0.000	0.000	0.000	0.011	0.000	0.022	0.099
HA4T	0.000	0.000	0.000	0.000	0.044	0.000	0.022	0.132
HDJT	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.044
HXB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
J328	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
LJ31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
LJ35	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.088
LJ40	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.066
LJ45	0.000	0.000	0.000	0.000	0.011	0.000	0.099	0.275
LJ55	0.000	0.000	0.000	0.000	0.011	0.000	0.022	0.033
LJ60	0.000	0.000	0.011	0.000	0.066	0.000	0.110	0.297
LJ70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
LJ75	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.066
MD11	0.000	0.000	0.000	0.000	0.000	0.000	1.132	4.637
MU2	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.022
P28A	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.033

**LAX Average Daily Runway Use By Aircraft Type - 24 Hours
Second Quarter 2019**

Arrivals (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
PA31	0.000	0.000	0.000	0.000	0.000	0.011	0.044	0.000
PA34	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000
PC12	0.011	0.011	0.000	0.011	0.055	2.297	0.484	0.011
PRM1	0.000	0.000	0.000	0.000	0.000	0.055	0.110	0.000
SR22	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.000
SW4	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
TBM8	0.000	0.000	0.000	0.000	0.000	0.000	0.033	0.000
WACO	0.000	0.000	0.000	0.000	0.000	0.033	0.022	0.000

Departures (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
PA31	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.044
PA34	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
PC12	0.000	0.000	0.000	0.000	1.220	0.033	0.033	1.593
PRM1	0.000	0.000	0.000	0.000	0.011	0.000	0.033	0.121
SR22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
SW4	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
TBM8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
WACO	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.033

**LAX Average Daily Runway Use By Aircraft Type - Night Time (10 pm - 7 am)
Second Quarter 2019**

Arrivals (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
A20N	0.011	0.000	0.000	0.011	0.000	0.011	0.209	0.000
A21N	0.066	0.077	0.000	0.143	0.000	0.703	1.242	0.055
A306	0.033	0.308	0.000	0.132	0.000	0.011	0.176	0.077
A30B	0.011	0.099	0.000	0.011	0.000	0.000	0.275	0.011
A319	0.187	0.209	0.000	0.308	0.011	1.099	3.022	0.088
A320	0.231	0.549	0.011	0.681	0.011	2.220	6.374	0.176
A321	0.516	3.549	0.044	1.055	0.066	3.813	10.154	0.440
A332	0.143	0.407	0.000	0.088	0.033	1.165	0.462	0.033
A333	0.000	0.011	0.000	0.000	0.000	0.033	0.000	0.000
A343	0.000	0.011	0.000	0.000	0.000	0.000	0.066	0.000
A359	0.011	0.000	0.000	0.000	0.000	0.187	0.000	0.000
A388	0.154	0.879	0.000	0.000	0.110	0.670	0.022	0.000
AC95	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
B350	0.000	0.000	0.000	0.000	0.000	0.000	0.033	0.000
B38M	0.055	0.088	0.000	0.077	0.022	0.374	0.560	0.022
B39M	0.022	0.418	0.022	0.099	0.000	0.022	0.308	0.055
B712	0.099	0.055	0.000	0.011	0.000	0.363	0.011	0.000
B721	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
B733	0.000	0.000	0.000	0.011	0.000	0.011	0.033	0.000
B734	0.000	0.022	0.000	0.044	0.000	0.011	0.275	0.000
B737	0.736	0.846	0.011	0.242	0.154	8.824	1.462	0.000
B738	0.648	1.176	0.000	0.451	0.121	5.670	5.088	0.231
B739	0.187	1.055	0.011	0.297	0.033	1.341	3.044	0.165
B742	0.000	0.044	0.000	0.000	0.000	0.000	0.121	0.011
B744	0.044	0.846	0.011	0.253	0.011	0.088	1.132	0.066
B748	0.011	0.385	0.000	0.242	0.022	0.011	0.560	0.000
B752	0.429	3.077	0.066	0.549	0.330	3.154	2.352	0.209
B753	0.077	0.846	0.011	0.055	0.099	0.462	0.868	0.022
B762	0.011	0.220	0.000	0.088	0.000	0.022	0.418	0.011
B763	0.099	1.824	0.121	0.890	0.033	0.418	2.890	0.385
B764	0.011	0.000	0.000	0.000	0.011	0.066	0.011	0.000
B772	0.011	0.319	0.033	0.011	0.000	0.011	0.341	0.011
B77L	0.154	1.308	0.022	0.484	0.011	0.165	1.396	0.110
B77W	0.176	0.527	0.000	0.077	0.022	0.923	0.516	0.011
B788	0.011	0.242	0.000	0.077	0.000	0.000	0.264	0.033
B789	0.231	2.604	0.044	0.505	0.055	0.440	1.846	0.319
B78X	0.000	0.000	0.000	0.000	0.000	0.011	0.011	0.000
BE20	0.000	0.000	0.011	0.011	0.000	0.022	0.011	0.011
BE30	0.000	0.000	0.000	0.011	0.000	0.088	0.044	0.000
BE35	0.000	0.011	0.000	0.000	0.000	0.000	0.011	0.000

Departures (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
A20N	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.363
A21N	0.000	0.000	0.077	0.000	0.088	0.000	0.011	0.769
A306	0.000	0.000	0.077	0.000	0.000	0.000	0.011	0.945
A30B	0.000	0.000	0.011	0.000	0.000	0.000	0.011	0.407
A310	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
A319	0.000	0.099	0.363	0.000	1.374	0.011	0.044	4.099
A320	0.000	0.418	1.088	0.011	3.846	0.077	0.176	9.165
A321	0.000	0.527	1.846	0.000	1.912	0.033	0.319	20.604
A332	0.000	0.011	0.176	0.000	1.209	0.000	0.011	0.725
A333	0.000	0.033	0.121	0.000	1.033	0.000	0.000	0.527
A343	0.000	0.000	0.033	0.000	0.154	0.000	0.000	0.066
A346	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
A359	0.000	0.000	0.077	0.000	0.604	0.000	0.000	0.319
A388	0.000	0.253	0.000	0.132	3.967	0.000	0.352	0.000
B350	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
B38M	0.000	0.011	0.044	0.000	0.132	0.000	0.000	0.275
B39M	0.000	0.000	0.176	0.000	0.000	0.000	0.000	1.253
B712	0.000	0.088	0.143	0.011	1.495	0.011	0.000	0.066
B721	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
B733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.055
B734	0.000	0.000	0.077	0.000	0.000	0.000	0.022	0.626
B735	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
B737	0.000	0.703	0.593	0.000	7.857	0.044	0.044	2.769
B738	0.000	0.407	0.934	0.000	5.560	0.077	0.110	8.385
B739	0.000	0.385	0.516	0.000	1.264	0.011	0.099	8.088
B742	0.000	0.000	0.110	0.011	0.000	0.000	0.088	0.923
B744	0.000	0.011	0.286	0.000	0.000	0.000	0.132	2.846
B748	0.000	0.011	0.000	0.165	0.176	0.000	1.802	0.000
B752	0.000	0.110	0.505	0.000	2.846	0.022	0.099	4.308
B753	0.000	0.143	0.055	0.000	1.220	0.011	0.033	1.396
B762	0.000	0.000	0.088	0.000	0.000	0.000	0.011	0.835
B763	0.000	0.143	0.648	0.022	0.495	0.000	0.176	6.407
B764	0.000	0.000	0.011	0.000	0.132	0.000	0.000	0.055
B772	0.000	0.066	0.220	0.000	0.330	0.011	0.044	2.659
B773	0.000	0.000	0.022	0.000	0.066	0.000	0.000	0.264
B77L	0.000	0.022	0.242	0.000	0.813	0.000	0.088	2.604
B77W	0.000	0.066	0.956	0.000	2.615	0.000	0.066	8.022
B788	0.000	0.055	0.110	0.000	0.473	0.000	0.011	0.440
B789	0.000	0.121	0.516	0.000	1.670	0.000	0.044	5.912
B78X	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.033

**LAX Average Daily Runway Use By Aircraft Type - Night Time (10 pm - 7 am)
Second Quarter 2019**

Arrivals (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
BE40	0.011	0.000	0.000	0.000	0.000	0.011	0.000	0.000
BE99	0.022	0.011	0.000	0.033	0.011	0.319	0.264	0.000
C208	0.000	0.011	0.000	0.033	0.000	0.000	0.363	0.011
C210	0.000	0.000	0.000	0.000	0.000	0.011	0.011	0.000
C25A	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
C25B	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
C525	0.000	0.000	0.000	0.011	0.000	0.000	0.033	0.000
C560	0.000	0.022	0.000	0.011	0.000	0.000	0.022	0.000
C56X	0.011	0.044	0.011	0.000	0.000	0.011	0.110	0.000
C650	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
C680	0.011	0.000	0.011	0.000	0.000	0.000	0.055	0.000
C68A	0.000	0.000	0.000	0.000	0.000	0.011	0.044	0.000
C750	0.000	0.033	0.000	0.011	0.000	0.022	0.044	0.000
CL30	0.011	0.055	0.000	0.022	0.000	0.022	0.077	0.011
CL35	0.000	0.000	0.000	0.011	0.000	0.011	0.066	0.011
CL60	0.000	0.022	0.000	0.022	0.000	0.000	0.110	0.011
COL4	0.000	0.000	0.000	0.000	0.000	0.000	0.033	0.000
CRJ2	0.110	0.363	0.000	0.165	0.000	0.538	0.967	0.033
CRJ7	0.066	0.022	0.000	0.066	0.000	0.626	0.396	0.011
DC10	0.000	0.176	0.022	0.077	0.000	0.000	0.132	0.011
DH8A	0.000	0.000	0.000	0.011	0.000	0.000	0.011	0.000
E135	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
E190	0.000	0.000	0.000	0.000	0.000	0.022	0.220	0.000
E35L	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
E50P	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
E545	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
E550	0.000	0.011	0.000	0.000	0.000	0.000	0.044	0.000
E55P	0.000	0.000	0.000	0.011	0.000	0.011	0.099	0.000
E75L	0.538	0.363	0.011	0.330	0.044	3.615	2.791	0.077
E75S	0.011	0.011	0.000	0.011	0.000	0.011	0.011	0.000
F2TH	0.011	0.066	0.011	0.000	0.000	0.011	0.044	0.011
F900	0.000	0.011	0.000	0.000	0.000	0.011	0.011	0.000
FA50	0.000	0.011	0.000	0.000	0.000	0.000	0.022	0.000
FA7X	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.000
FA8X	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
G150	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000
GALX	0.000	0.000	0.000	0.011	0.000	0.000	0.044	0.000
GL5T	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
GLEX	0.000	0.055	0.000	0.033	0.000	0.011	0.099	0.000
GLF3	0.011	0.000	0.000	0.011	0.000	0.000	0.022	0.000
GLF4	0.000	0.099	0.000	0.022	0.000	0.011	0.154	0.022

Departures (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
BE20	0.000	0.022	0.000	0.000	0.022	0.000	0.000	0.022
BE30	0.000	0.077	0.022	0.000	0.033	0.000	0.000	0.440
BE35	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011
BE36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
BE40	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.055
BE99	0.000	0.011	0.055	0.000	0.033	0.000	0.022	0.549
(w)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
C208	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.132
C25A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
C25B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.033
C25C	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
C525	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.022
C560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.077
C56X	0.000	0.011	0.011	0.000	0.000	0.000	0.000	0.143
C650	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
C680	0.000	0.011	0.000	0.000	0.011	0.000	0.000	0.143
C68A	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.055
C750	0.000	0.000	0.011	0.000	0.011	0.000	0.000	0.088
CL30	0.000	0.000	0.011	0.000	0.011	0.000	0.000	0.165
CL35	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.099
CL60	0.000	0.022	0.033	0.000	0.022	0.000	0.011	0.187
COL4	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.022
CRJ2	0.000	0.011	0.220	0.000	0.549	0.011	0.011	0.934
CRJ7	0.000	0.055	0.022	0.000	0.165	0.000	0.000	0.527
CRJ9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
DC10	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.385
DH8A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
E135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
E190	0.000	0.011	0.000	0.000	0.121	0.011	0.011	0.176
E50P	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.022
E550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.066
E55P	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.055
E75L	0.000	0.275	0.747	0.000	3.505	0.000	0.033	4.945
E75S	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.033
F2TH	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.154
F900	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.055
FA50	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.011
FA7X	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.011
G150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044
G280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
GA5C	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011

LAX Noise Management
Source: LAX ANOMS, based on available FAA radar flight track data.

**LAX Average Daily Runway Use By Aircraft Type - Night Time (10 pm - 7 am)
Second Quarter 2019**

Arrivals (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
GLF5	0.011	0.044	0.011	0.033	0.000	0.011	0.165	0.000
GLF6	0.000	0.022	0.000	0.000	0.000	0.011	0.066	0.000
H25B	0.000	0.044	0.000	0.033	0.000	0.000	0.165	0.000
H25C	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
HA4T	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000
J328	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000
LJ35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
LJ40	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000
LJ45	0.000	0.000	0.000	0.011	0.000	0.000	0.011	0.000
LJ55	0.000	0.011	0.000	0.011	0.000	0.000	0.000	0.000
LJ60	0.000	0.011	0.000	0.011	0.000	0.000	0.044	0.000
MD11	0.066	0.868	0.088	0.407	0.000	0.022	1.000	0.198
MU2	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
PC12	0.011	0.011	0.000	0.000	0.000	0.022	0.055	0.000
PRM1	0.000	0.011	0.000	0.000	0.000	0.000	0.033	0.000
WACO	0.011	0.011	0.000	0.022	0.000	0.000	0.033	0.000

Departures (Average Daily Operations)								
Aircraft Type	06L	06R	07L	07R	24L	24R	25L	25R
GALX	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.011
GL5T	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.011
GLEX	0.000	0.000	0.011	0.000	0.000	0.000	0.011	0.154
GLF3	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.055
GLF4	0.000	0.011	0.022	0.000	0.011	0.000	0.022	0.286
GLF5	0.000	0.011	0.000	0.000	0.000	0.000	0.022	0.286
GLF6	0.000	0.000	0.011	0.000	0.022	0.000	0.000	0.066
H25B	0.000	0.022	0.000	0.000	0.011	0.000	0.000	0.110
H25C	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
HA4T	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044
HDJT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
J328	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
LGEZ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
LJ35	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000
LJ40	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
LJ45	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.022
LJ55	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.011
LJ60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044
LJ70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
MD11	0.000	0.011	0.121	0.000	0.000	0.000	0.033	1.615
MD87	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
PA34	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
PC12	0.000	0.011	0.000	0.000	0.044	0.000	0.000	0.077
PRM1	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.044
TBM8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
WACO	0.000	0.000	0.000	0.000	0.022	0.000	0.000	0.066

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

Second Quarter 2019

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 completed and evaluated the Siting Study pertaining to two Ground Run-up Enclosures.
- 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. In addition, LAWA is now including tabular data describing the daily average number of arrivals and departures by aircraft type on each runway during all hours and during nighttime hours from 10 pm to 7 am.
- 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 first quarter 2019.
- LAWA continues to provide the LAX Noise Comment Phone Line with an option for callers to have a live answer as available, and continues to retrieve any complaint messages and provide appropriate responses 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.

ANMP - Table 1
LAX ANMP Summary

Residential Mitigation			LAX ANMP Date: October 2006		
	Single Family	Multi-Family			
Number of Incompatible Dwelling Units:			2,019	4,939	
Residential Incompatible Area:			300 acres	238 acres	
Sound Insulation (SI)	Dwellings Proposed for Sound Insulation:			1,792	3,807
	Percentage Proposed for Sound Insulation:			88.8%	77.1%
	Estimated Participating Dwellings (80.0%):			1,434	3,046
	Estimated Unit Insulation Cost (Average):			\$52,300	\$44,430
	---all dwelling types:			\$46,949	
	Estimated Total Sound Insulation Cost:			\$75 million	\$135 million
	---all dwelling types:			\$210 million	(Not currently proposed for mitigation)
	Average Annual Units to be Insulated:			618	
Estimated Time Until Completion:			7 years		
Land Recycling	Dwellings Proposed for Recycling:			193	1,031
	Percentage Proposed for Recycling:			9.6%	20.9%
	Estimated Unit Recycling Cost:			\$510,000	\$154,365
	---all dwelling types:			\$210,441	
	Estimated Total Recycling Cost:			\$98 million	\$159 million
	---all dwelling types:			\$258 million	
	Average Annual Units to be Recycled:			\$ 0 **	
	Estimated Time Until Completion:			Undetermined **	
Progress To Date			Funding Provided To Date		
Total Dwelling Units Mitigated: 23,585			LAWA: 1 billion*		
			FAA: 444 million		

Note: Summary table reflects ANMP progress through December 2018. Estimates for future mitigation of incompatible land use are based on the Noise Exposure Map (2020 NEM) 65 dB CNEL contour as the program boundary and on past program performance, which do not take into account future funding levels of updated FAA eligibility requirements.

* Includes LAWA PFC expenditures reported for 2018 that included acquisition of properties for prior years.

**City of Inglewood currently does not have an active property acquisition program at this time.

ANMP - Table 2

Dwelling Units Made Compatible Within the ANMP Contours
Through Sound Insulation

Land Use	City of Los Angeles	County of Los Angeles	City of Inglewood	City of El Segundo	Total Units
Single Family	2,244	769	2,195	831	6,039
Two Family	446	962	668	143	2,219
Multi-Family	4,551	2,167	4,236	932	11,886
Other	0	0	1	0	1
Total	7,241	3,898	7,100	1,906	20,145

ANMP - Table 3

Dwelling Units Made Compatible Within the ANMP Contours
Through Land Recycling

Land Use	City of Los Angeles	County of Los Angeles	City of Inglewood	City of EI Segundo	Total Units
Single Family	284	0	26	0	310
Two Family	141	0	15	0	156
Multi-Family	2,199	0	724	0	2,923
Mobile Home	0	0	10	0	10
Other	0	0	41	0	41
Total	2,624	0	816	0	3,440

ANMP - Table 5

Counts of Compatible and Incompatible Land Use Units and
Acreage Within the ANMP Contours (2020 NEM)
(All Jurisdictions)

LANDUSE	CNEL Zone						Total	
	65 - 70		70 - 75		75 +			
	Units	Acres	Units	Acres	Units	Acres	Units	Acres
<u>Incompatible Residential</u>								
Single Family	1,595	235.5	414	61.1	9	2.2	2,018	298.8
Two Family*	881	68.1	331	26.0	14	1.4	1,226	95.5
Multi-Family	2,876	108.9	799	30.1	38	3.6	3,713	142.6
Mobile Homes	1	1.0	0	0.0	0	0.0	1	1.0
<u>Other Incompatible</u>								
Schools	1	5.3	0	3.0	0	0.0	1	8.3
Hospitals	1	0.7	0	0.0	0	0.0	1	0.7
Churches	20	19.8	0	2.9	0	0.0	20	22.7
<u>Compatible Residential</u>								
Title 21 Compliance**	9,192	579.0	2,072	126.7	3	0.4	11,267	706.1
Easement***	3,029	259.1	1,364	89.9	92	7.3	4,485	356.3
Title 24 Compliance	883	24.8	0	0.0	0	0.0	883	24.8
<u>Other Compatible</u>								
Title 21 (Schools,Hospitals,Churches)	0	0.0	0	0.0	0	0.0	0	0.0
Easement (Schools,Hospitals,Churches)	0	14.1	0	6.7	0	0.0	0	20.8
Commercial,Industrial,etc (Hotels, Motels, Mixed use, etc)	3,136	2,070.4	1,787	764.3	8	3,073.8	4,931	5,908.5
Total Incompatible Residential	5,353	413.5	1,544	117.2	61	7.2	6,958	537.9
Total Other Incompatible	22	25.8	0	5.9	0	0.0	22	31.7
<u>Total Incompatible</u>	5,375	439.3	1,544	123.1	61	7.2	6,980	569.6
Total Residential Compatible	13,104	862.9	3,436	216.6	95	7.7	16,635	1,087.2
Total Other Compatible	3,136	2,084.5	1,787	771.0	8	3,073.8	4,931	5,929.3
<u>Total Compatible</u>	16,240	2,947.4	5,223	987.6	103	3,081.5	21,566	7,016.5
Grand Total:	21,615	3,386.7	6,767	1,110.7	164	3,088.7	28,546	7,586.1

* Considered separately from Multi-Family for purposes of cost estimation.

** Easement not obtained.

*** May or may not be sound insulated.

ANMP - Table 5A

Counts of Compatible and Incompatible Land Use Units and
Acreage Within the ANMP Contours (2020 NEM)
(City of Los Angeles Only)

LANDUSE	CNEL Zone						Total	
	65 - 70		70 - 75		75 +			
	Units	Acres	Units	Acres	Units	Acres	Units	Acres
<u>Incompatible Residential</u>								
Single Family	0	0.0	0	0.0	0	0.0	0	0.0
Two Family*	0	0.0	0	0.0	0	0.0	0	0.0
Multi-Family	0	0.0	0	0.0	0	0.0	0	0.0
Mobile Homes	0	0.0	0	0.0	0	0.0	0	0.0
<u>Other Incompatible</u>								
Schools	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
Churches	3	3.4	0	0.0	0	0.0	3	3.4
<u>Compatible Residential</u>								
Title 21 Compliance**	1,804	67.3	343	7.5	0	0.0	2,147	74.8
Easement***	2,282	199.5	263	12.5	56	2.5	2,601	214.5
Title 24 Compliance	450	4.6	0	0.0	0	0.0	450	4.6
<u>Other Compatible</u>								
Title 21 (Schools,Hospitals,Churches)	0	0.0	0	0.0	0	0.0	0	0.0
Easement (Schools,Hospitals,Churches)	0	14.1	0	0.0	0	0.0	0	14.1
Commercial,Industrial,etc (Hotels, Motels, Mixed use, etc)	2,105	520.0	1,680	581.2	8	3,068.9	3,793	4,170.1
Total Incompatible Residential	0	0.0	0	0.0	0	0.0	0	0.0
Total Other Incompatible	3	3.4	0	0.0	0	0.0	3	3.4
<u>Total Incompatible</u>	3	3.4	0	0.0	0	0.0	3	3.4
Total Residential Compatible	4,536	271.4	606	20.0	56	2.5	5,198	293.9
Total Other Compatible	2,105	534.1	1,680	581.2	8	3,068.9	3,793	4,184.2
<u>Total Compatible</u>	6,641	805.5	2,286	601.2	64	3,071.4	8,991	4,478.1
Grand Total:	6,644	808.9	2,286	601.2	64	3,071.4	8,994	4,481.5

*Considered separately from Multi-Family for purposes of cost estimation.

**Easement not obtained.

***May or may not be sound insulated.

ANMP - Table 5B

Counts of Compatible and Incompatible Land Use Units and
Acreage Within the ANMP Contours (2020 NEM)
(LA County)

LANDUSE	CNEL Zone						Total	
	65 - 70		70 - 75		75 +			
	Units	Acres	Units	Acres	Units	Acres	Units	Acres
<u>Incompatible Residential</u>								
Single Family	305	41.8	225	32.4	9	2.2	539	76.4
Two Family*	285	21.2	231	17.7	14	1.4	530	40.3
Multi-Family	419	18.4	175	10.0	38	3.6	632	32.0
Mobile Homes	0	0.0	0	0.0	0	0.0	0	0.0
<u>Other Incompatible</u>								
Schools	0	2.2	0	3.0	0	0.0	0	5.2
Hospitals	0	0.0	0	0.0	0	0.0	0	0.0
Churches	4	2.3	0	0.3	0	0.0	4	2.6
<u>Compatible Residential</u>								
Title 21 Compliance**	1,769	115.7	647	45.8	3	0.4	2,419	161.9
Easement***	305	19.6	360	28.9	36	4.7	701	53.2
Title 24 Compliance	0	0.0	0	0.0	0	0.0	0	0.0
<u>Other Compatible</u>								
Title 21 (Schools,Hospitals,Churches)	0	0.0	0	0.0	0	0.0	0	0.0
Easement (Schools,Hospitals,Churches)	0	0.0	0	6.7	0	0.0	0	6.7
Commercial,Industrial,etc (Hotels, Motels, Mixed use, etc)	192	65.1	9	37.9	0	4.9	201	107.9
Total Incompatible Residential	1,009	81.4	631	60.1	61	7.2	1,701	148.7
Total Other Incompatible	4	4.5	0	3.3	0	0.0	4	7.8
<u>Total Incompatible</u>	1,013	85.9	631	63.4	61	7.2	1,705	156.5
Total Residential Compatible	2,074	135.3	1,007	74.7	39	5.1	3,120	215.1
Total Other Compatible	192	65.1	9	44.6	0	4.9	201	114.6
<u>Total Compatible</u>	2,266	200.4	1,016	119.3	39	10.0	3,321	329.7
Grand Total:	3,279	286.3	1,647	182.7	100	17.2	5,026	486.2

* Considered separately from Multi-Family for purposes of cost estimation.

** Easement not obtained.

*** May or may not be sound insulated.

ANMP - Table 5C

Counts of Compatible and Incompatible Land Use Units and
Acreage Within the ANMP Contours (2020 NEM)
(City of El Segundo Only)

LANDUSE	CNEL Zone						Total	
	65 - 70		70 - 75		75 +			
	Units	Acres	Units	Acres	Units	Acres	Units	Acres
<u>Incompatible Residential</u>								
Single Family	622	97.0	116	18.5	0	0.0	738	115.5
Two Family*	112	8.4	28	2.4	0	0.0	140	10.8
Multi-Family	267	8.6	268	6.9	0	0.0	535	15.5
Mobile Homes	1	0.4	0	0.0	0	0.0	1	0.4
<u>Other Incompatible</u>								
Schools	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
Churches	0	1.3	0	0.5	0	0.0	0	1.8
<u>Compatible Residential</u>								
Title 21 Compliance**	638	73.7	482	30.5	0	0.0	1,120	104.2
Easement***	10	1.1	545	30.8	0	0.0	555	31.9
Title 24 Compliance	0	0.0	0	0.0	0	0.0	0	0.0
<u>Other Compatible</u>								
Title 21 (Schools,Hospitals,Churches)	0	0.0	0	0.0	0	0.0	0	0.0
Easement (Schools,Hospitals,Churches)	0	0.0	0	0.0	0	0.0	0	0.0
Commercial,Industrial,etc (Hotels, Motels, Mixed use, etc)	350	206.2	7	41.7	0	0.0	357	247.9
Total Incompatible Residential	1,002	114.4	412	27.8	0	0.0	1,414	142.2
Total Other Incompatible	0	1.3	0	0.5	0	0.0	0	1.8
<u>Total Incompatible</u>	1,002	115.7	412	28.3	0	0.0	1,414	144.0
Total Residential Compatible	648	74.8	1,027	61.3	0	0.0	1,675	136.1
Total Other Compatible	350	206.2	7	41.7	0	0.0	357	247.9
<u>Total Compatible</u>	998	281.0	1,034	103.0	0	0.0	2,032	384.0
Grand Total:	2,000	396.7	1,446	131.3	0	0.0	3,446	528.0

* Considered separately from Multi-Family for purposes of cost estimation.

** Easement not obtained.

*** May or may not be sound insulated.

ANMP - Table 5D

Counts of Compatible and Incompatible Land Use Units and
Acreage Within the ANMP Contours (2020 NEM)
(City of Inglewood Only)

LANDUSE	CNEL Zone						Total	
	65 - 70		70 - 75		75 +			
	Units	Acres	Units	Acres	Units	Acres	Units	Acres
<u>Incompatible Residential</u>								
Single Family	668	96.6	73	10.1	0	0.0	741	106.7
Two Family*	484	38.4	72	5.9	0	0.0	556	44.3
Multi-Family	2,190	81.9	356	13.2	0	0.0	2,546	95.1
Mobile Homes	0	0.6	0	0.0	0	0.0	0	0.6
<u>Other Incompatible</u>								
Schools	1	3.2	0	0.0	0	0.0	1	3.2
Hospitals	1	0.7	0	0.0	0	0.0	1	0.7
Churches	13	12.8	0	2.1	0	0.0	13	14.9
<u>Compatible Residential</u>								
Title 21 Compliance**	4,981	322.2	600	42.8	0	0.0	5,581	365.0
Easement***	432	38.8	196	17.7	0	0.0	628	56.5
Title 24 Compliance	433	20.2	0	0.0	0	0.0	433	20.2
<u>Other Compatible</u>								
Title 21 (Schools,Hospitals,Churches)	0	0.0	0	0.0	0	0.0	0	0.0
Easement (Schools,Hospitals,Churches)	0	0.0	0	0.0	0	0.0	0	0.0
Commercial,Industrial,etc (Hotels, Motels, Mixed use, etc)	489	1,279.1	91	103.6	0	0.0	580	1,382.7
Total Incompatible Residential	3,342	217.5	501	29.2	0	0.0	3,843	246.7
Total Other Incompatible	15	16.7	0	2.1	0	0.0	15	18.8
<u>Total Incompatible</u>	3,357	234.2	501	31.3	0	0.0	3,858	265.5
Total Residential Compatible	5,846	381.2	796	60.5	0	0.0	6,642	441.7
Total Other Compatible	489	1,279.1	91	103.6	0	0.0	580	1,382.7
<u>Total Compatible</u>	6,335	1,660.3	887	164.1	0	0.0	7,222	1,824.4
Grand Total:	9,692	1,894.5	1,388	195.4	0	0.0	11,080	2,089.9

*Considered separately from Multi-Family for purposes of cost estimation.

**Easement not obtained.

***May or may not be sound insulated.