

# California State Airport Noise Standards Quarterly Report

Fourth Quarter 2018  
(Revised)



September 13, 2022

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### Attachment

Noise contour map

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

Los Angeles International Airport  
Fourth Quarter 2018

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

**641.8 Acres**

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

**8,215**

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

**30,031**

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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: 2,747**

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

**174,879**

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

**160,008**

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

**100 %**

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

**4,374**

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

**126**

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# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - All Jurisdictions</b>											
	<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	321.9	2,261	2,314	8,243	69.6	469	475	2,029	6.4	32	32	158
Multi-Family	285.5	5,926	1,854	21,716	88.5	1,907	540	7,934	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
<b>Total Incompatible</b>	<b>641.8</b>	<b>8,215</b>	<b>4,260</b>	<b>30,031</b>	<b>165.0</b>	<b>2,376</b>	<b>1,036</b>	<b>9,962</b>	<b>14.5</b>	<b>153</b>	<b>105</b>	<b>640</b>

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: 9/6/2022

# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - Athens</b>											
	<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
<b>Total Incompatible</b>	<b>80.9</b>	<b>1,044</b>	<b>559</b>	<b>3,558</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - Del Aire</b>											
	<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
<b>Total Incompatible</b>	<b>3.1</b>	<b>25</b>	<b>16</b>	<b>56</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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: 9/6/2022

# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - City of El Segundo</b>											
	<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	85.3	566	570	1,474	14.8	92	92	239	0.0	0	0	0
Multi-Family	24.7	643	280	1,413	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
<b>Total Incompatible</b>	<b>111.1</b>	<b>1,210</b>	<b>853</b>	<b>2,890</b>	<b>22.6</b>	<b>317</b>	<b>192</b>	<b>739</b>	<b>1.0</b>	<b>50</b>	<b>50</b>	<b>108</b>

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: 9/6/2022

# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - City of Inglewood</b>											
	<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
<b>Total Incompatible</b>	<b>246.5</b>	<b>3,666</b>	<b>1,505</b>	<b>13,579</b>	<b>57.2</b>	<b>1,215</b>	<b>306</b>	<b>5,137</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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: 9/6/2022



# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - Lennox</b>											
	<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
<b>Total Incompatible</b>	<b>133.4</b>	<b>1,391</b>	<b>847</b>	<b>6,563</b>	<b>85.2</b>	<b>844</b>	<b>538</b>	<b>4,086</b>	<b>13.5</b>	<b>103</b>	<b>55</b>	<b>532</b>

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Report Date: 9/6/2022

# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - South and South East LA</b>											
	<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	36.0	291	296	1,114	0.0	0	0	0	0.0	0	0	0
Multi-Family	23.8	580	163	2,253	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
<b>Total Incompatible</b>	<b>65.1</b>	<b>876</b>	<b>477</b>	<b>3,381</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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# LOS ANGELES INTERNATIONAL AIRPORT

## Incompatible Land Use

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

<b>4Q18</b>	<b>Total Cumulative Noise Impact Areas - Westchester/Playa Del Rey</b>											
	<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
<b>Total Incompatible</b>	<b>1.9</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Report Date: 9/6/2022



January	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Mon	79	69	64	59	--	68	64	61	65	55	--	65	67	65	75	64	65	67	68		71	60	58	62	76	63	63	67	63	68	65	60	63	60	66	64	66	61	61
2 Tue	78	70	64	60	--	69	68	64	69	61	--	65	66	65	74	65	62	67	68		73	61	58	63	77	64	64	68	63	71	65	59	64	60	67	67	66	61	61
3 Wed	79	69	64	58	--	70	69	65	71	61		65	66			64	62	67	68		72	60	57	63	76	63	65	66	60	68	65	59	63	59	66	66	66	61	60
4 Thu	79	70	64	60		70	65	61	64	55		64	64	61	77	66	63	68	69		72	61	59	63	77	63	64	66	63	69	67	60	64	62	67	65	66	62	62
5 Fri	79	69	63	56	66	69	63	62	61	51	54	63	60	61	75	63	61	67	68		71	60	58	61	74	61	61	65	60	66	66	62	62	60	65	62	65	60	62
6 Sat	79	69	63	57	64	67	62	57	57	46	55	60	58	55	76	64	64	67	68		72	59	58	63	77	62	63	67	63	68	66	60	63	60	66	61	66	62	63
7 Sun	79	70	65	59	65	68	62	58	59	51	55	63	61	60	76	65	62	68	69		71	60	59	62	77	63	63	67	62	68	66	60	63	61	68	62	66	62	62
8 Mon	79	69	65	62		67	62	60	62	59	--	66	64	62	76	70	67	69	69		70	62	64	66	73	56	65	66	63	66	66	64	63	62	65	65	63	62	61
9 Tue	77	70	65	60	--	68	64	60	63	61	--	66	64	62	75		69	69	70		74	64	63	69	77		68	70	65	69	67	67	66	63	67	66	66	64	63
10 Wed	81	70	65	60		69	64	61	64	51		67	62	60	75	--	62	67	68		71	58	59	63	74	62	61	65	62	69	66	60	62	61	65	65	65	61	66
11 Thu	79	71	65	60	64	68	63	59	61	51	--	65	67	63	75	--	61	67	68		71	58	59	62	74	62	62	64	62	67	66	60	61	61	64	62	65	61	62
12 Fri	80	69	63	58	64	69	66	63	67	61	--	67	65	62	77	--	63	69	70		71	61	61	63	75	62	62	66		68	68	61	63	62	67	69	65	61	64
13 Sat	78	67	61	55	64	68	66	59	67	59	--	60	57	54	74	--	60	65	66		70	59	56	61	74	62	66	66		66	67	58	65	59	65	67	64	61	60
14 Sun	77	67	62	55	63	67	62	59	63	55	--	63	63	61	73	--	58	64	65		68	57	55	60	73	60	60	64	60	66	63	57	60	58	64	64	63	59	59
15 Mon	78	70	65	60	65	68	63	60	64	56	--	64	64	62	75	--	61	67	68		70	60	58	61	74	62	62	65	61	66	65	59	62	60	65	65	65	62	61
16 Tue	79	70	64	59	65	68	64	60	63	53	--	63	65	63	74	--	61	66	67		72	61	56	63	76	63	64	67	63	68	64	59	63	59	66	62	66	62	61
17 Wed	80	69	64	59	66	69	66	63	67	59	--	66	65	61	75	--	61	66	68		71	59	57	62	75	63	63	66	62	67	68	59	62	60	66	66	65	60	61
18 Thu	78	70	65	61	64	68	65	62	65	54	--	65	65	62	75	--	61	67	68		70	59	58	62	74	62	61	65	61	67	66	59	61	61	65	65	64	60	62
19 Fri	79	70	64	58	65	69	63	58	60	54	--	64	61	60	78	--	63	69	70		71	59	60	63	74	64	61	65	62	68	67	61	62	62	65	63	65	61	63
20 Sat	77	68	61	53	66	71	64	60	62	52	--	56	53	52	74	--	60	65	67		68	57	56	60	72	60	59	63	59	65	64	61	60	60	66	60	63	59	61
21 Sun	76	69	64	57	65	69	63	60	64	49	--	60	60	57	75	--	60	66	67		69	55	57	59	72	59	61	63	60	66	65	59	60	61	63	62	63	60	61
22 Mon	75	70	65	58	63	68	62	61	63	53	--	65	62	57	77	--	63	68	69		69	58	59	61	72	62	63	64	60	65	67	61	59	62	63	66	62	60	63
23 Tue	75	70	64	58	64	69	65	62	66	55	--	63	62	60	76	--	62	67	69		68	60	58	62	73	59	63	65	59	65	66	59	59	61	63	66	63	58	62
24 Wed	76	70	65	59	65	69	64	62	63	54	--	65	67	65	77	--	63	68	69		69	57	59	61	73	62	61	64	60	65	67	60	60	61	62	66	63	59	63
25 Thu	77	70	65	58	67	71	65	60	62	53	55	62	62	61	76	65	63	68	69		71	60	60	63	76	64	64	67	63	67	67	61	63	62	66	66	66	62	63
26 Fri	77	69	63	60	66	71	64	61	63	52	54	60	59	57	76	64	61	67	68		71	60	58	63	75	62	62	66	63	67	66	60	64	61	65	65	65	63	62
27 Sat	77	67	61	54	65	69	64	60	64	52	52	60	61	60	72	60	64	63	65		69	61	53	61	72	61	60	64	57	64	63	56	58	57	61	63	62	58	58
28 Sun	77	67	61	54	64	69	63	57	62	53	55	63	63	62	73	62	59	65	66		68	54	54	62	71	58	58	61	58	65	64	57	58	59	62	65	62	60	60
29 Mon	77	67	62	57	64	69	63	59	63	54	55	62	60	58	73	62	59	66	66		69	56	55	59	71	58	58	62	60	64	64	57	58	58	62	66	62	60	59
30 Tue	78	68	63	58	66	70	65	64	66	54	57	64	63	60	74	63	60	65	67		69	57	55	60	73	60	60	64	60	67	64	57	60	59	63	64	63	58	62
31 Wed	78	69	64	60	65	70	65	61	66	52	60	64	64	60	75	63	61	66	67		70	58	57	61	74	61	61	65	61	66	65	58	64	59	64	64	63	61	61

\* = Not Required for Title 21 Reporting



February	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Thu	78	70	65	60	66	71	66	63	67	53	61	66	66	64	75	64	62	66	68		69	57	57	60	73	61	62	64	60	66	66	59	60	61	64	64	63	59	61
2 Fri	78	70	65	60	66	71	65	61	65	55	60	65	66	63	75	64	63	67	68		69	58	57	60	73	62	62	64	59	65	64	58	62	60	63	64	62	59	61
3 Sat	79	69	64	59	66	70	64	62	65	51	61	64	65	63	74	63	60	66	67		69	57	56	60	73	61	62	64	59	65	62	60	60	59	63	63	63	60	60
4 Sun	78	72	64	59	66	70	64	63	61	52	60	66	65	62	76	64	61	67	68		70	62	58	60	75	64	64	66	61	68		60	61	61	64	64	64	60	62
5 Mon	77	72	67	63	65	68	62	59	61	50	64	69	68	67	77	66	63	69	70		70	58	60	61	74	63	62	65	61	66	67	61	61	62	64	65	63	60	63
6 Tue	78	71	66	60	64	69	62	58	60	46	59	64	62	59	78	66	63	70	70		70	58	60	61	74	61	61	64	60	66	67	60	61	62	63	63	64	59	63
7 Wed	77	71	65	60	66	69	64	64	65	57	61	66	66	63	78	66	63	68	70		70	57	59	60	74	62	62	64	60	65	67	61	60	61	64	65	63	60	62
8 Thu	79	69	63	59	66	71	67	64	68	59	60	65	65	61	75	64	61	67	67		70	60	57	61	75	62	66	66	61	66	65	59	61	59	64	67	63	61	61
9 Fri	79	70	64	59	66	71	64	60	64	45	61	65	62	60	75	64	61	67	68		69	59	57	61	73	60	60	64	59	66	65	58	60	61	62	62	63	58	62
10 Sat	80	69	64	57	67	71	63	57	61	46	55	60	58	58	75	63	61	67	68		71	59	58	62	75	62	62	66	62	67	66	59	62	60	65	62	66	63	63
11 Sun	79	69	64	57	66	71	63	59	62	51	58	64	62	60	76	63	62	68	69		71	59	59	61	75	61	62	65	61	69	66	60	62	61	65	63	65	60	62
12 Mon	78	70	65	59	67	71	64	59	67	46	58	64	61	59	76	--	62	68	69		70	59	59	61	74	61	61	64	61	67	67	60	61	62	64	64	64	60	64
13 Tue	80	70	65	62	67	72	64	60	61	49	59	64	59	59	74	--	62	67	69		70	61	59	62	74	63	62	66	62	67	66	60	62	61	65	65	64	60	62
14 Wed	78	70	65	60	66	70	63	59	60	44	56	61	62	61	74	--	60	66	68		70	58	58	61	74	61	61	66	61	66	66	59	62	60	64	60	64	59	61
15 Thu	78	70	64	59	66	71	64	62	62	54	60	66	64	61	76	--	62	67	69		70	59	58	61	74	61	61	64	60	66	67	60	61	61	64	65	63	61	62
16 Fri	78	69	63	58	66	70	65	62	65	53	59	66	63	62	75	--	61	67	68		69	60	57	61	73	60	62	66	59	65	65	60	59	60	63	63	62	60	62
17 Sat	78	69	63	57	66	70	64	60	63	64	56	63	62	60	74	--	61	66	67		69	60	57	60	73	60	60	64	59	65	61	57	60	59	62	60	62	58	62
18 Sun	78	71	65	61	66	71	64	58	60	43	57	62	64	61	77	--	62	68	69		71	59	60	62	75	62	62	66	62	69	67	61	63	62	65	62	65	60	64
19 Mon	75	70	64	58	66	70	64	60	61	50	53	59	54	57	75	--	62	67	68		70	57	58	62	74	60	59	64	60	66	65	59	61	60	63	60	63	59	61
20 Tue	77	70	65	57	65	69	62	58	60	47	55	60	57	55	76	--	61	67	69		69	56	58	60	72	59	58	62	59	64	66	59	59	61	62	62	62	58	62
21 Wed	76	71	66	61	65	69	63	58	60	51	59	64	63	62	76	--	62	68	70		69	57	60	61	73	62	59	63	61	66	67	61	60	62	63	62	64	60	63
22 Thu	78	71	65	62	67	71	65	61	63	48	59	65	63	62	76		62	68	69		71	60	60	62	73	61	61	64	61	66	67	62	61	62	64	63	64	60	63
23 Fri	78	69	63	56	67	71	65	61	63	54	55	59	55	53	76	64	62	67	68		71	60	58	62	75	62	61	66	62	67	67	59	62	61	64	62	65	61	62
24 Sat	77	69	63	59	65	70	63	60	62	46	57	64	63	60	75	63	61	66	67		70	59	58	61	74	61	61	65	61	67	65	59	61	60	64	65	64	60	62
25 Sun	78	69	63	57	66	71	65	61	64	52	58	62	61	60	75	64	61	67	69		70	58	58	61	74	61	61	65	60	66	66	59	62	60	64	62	65	61	62
26 Mon	77	71	66	60	66	70	64	59	62	48	59	65	64	62	76	65	62	68	69		71	59	60	63	74	62	62	67	62	70	66	61	62	62	65	64	65	60	64
27 Tue	78	71	65	60	67	72	66	60	63	51	58	62	63	61	75	64	62	67	68		72	61	58	63	76	63	63	67	63	68	66	60	63	61	66	62	66	62	63
28 Wed	79	71	65	60	67	71	65	61	62	47	60	67	65	63	76	64	62	68	69		71	59	59	62	74	62	61	65	61	67	67	60	61	62	64	64	64	60	63

\* = Not Required for Title 21 Reporting



March	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LNK1	LNK2	LNK3	LNK4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Thu	79	71	65	61	67	71	64	59	60	47	60	66	65	61	76	65	63	68	69		71	60	60	62	74	61	62	65	62	67	67	61	62	62	64	63	65	64	63
2 Fri	80	72	66	60	68	72	64	58	65	49	60	65	66	63	76	65	63	68	69		72	59	60	63	74	61	62	65	62	67	67	64	62	62	65	64	65	62	65
3 Sat	78	70	64	58	67	71	64	58	60	49	57	62	61	60	75	64	62	68	69		70	59	59	62	75	62	62	65	62	67	66	61	62	62	64	63	64	60	63
4 Sun	77	70	64	57	67	71	65	60	64	49	54	59	59	57	76	64	61	67	68		70	59	59	60	73	61	61	64	60	66	66	60	61	61	63	62	64	60	62
5 Mon	75	70	64	59	63	68	63	62	63	53	57	63	66	62	76	65	61	67	69		69	57	58	60	72	60	60	63	59	66	66	60	59	61	62	64	67	57	62
6 Tue	76	69	63	58	63	67	62	60	61	51	58	64	64	62	76	65	61	67	68		68	56	57	61	72	59	59	62	58	65	65	57	58	59	61	64	61	56	61
7 Wed	75	71	65	60	65	69	63	63	62	53	61	66	67	63	78	66	63	68	70		70	60	59	61	74	61	63	65	59	64	67	60	59	62	62	63	62	58	62
8 Thu	79	71	65	61	66	70	64	60	60	50	61	70	67	67	76	67		68	70		71	60	60	62	76	63	63		63	68	66	61	63	61	65	65	65	61	64
9 Fri	80	71	65	59	67	72	64	60	59	49	59	65	63	59	77	65	--	68	69		71	62	59	62	75	69	64	66	62	68	66	60	61	61	64	65	64	61	63
10 Sat	79	72	66	60	66	70	62	57	59	51	58	64	63	60	77	65	--	69	70		72	60	59	62	77	64	64	66	62	67	67	60	63	61	65	62	66	61	63
11 Sun	81	72	66	60	67	71	63	57	58	52	58	63	60	59	77	65	--	68	69		72	61	60	61	75	63	63	--	62	68	67	60	63	62	65	63	65	60	63
12 Mon	79	71	65	60	66	71	63	57	59	42	57	64	60	57	76	65	64	68	69		71	61	59	62	75	62	62	--	61	67	67	60	62	62	64	62	65	60	64
13 Tue	78	71	65	60	66	70	63	57	58	47	57	63	64	60	77	65	63	68	70		71	60	58	62	76	63	62	--	62	68	67	60	62	61	65	62	65	60	64
14 Wed	78	72	66	61	71	71	64	58	59	50	59	65	65	62	77	65	63	69	70		73	64	60	65	78	64	66	67	64	70	67	62	65	62	67	63	67	63	64
15 Thu	79	71	66	60	68	72	65	60	61	50	59	63	63	61	77	65	64	69	70		73	64	60	64	78	66	66	--	64	69	67	62	65	62	67	63	68	63	64
16 Fri	78	73	67	61	67	71	64	59	66	54	59	64	66	64	77	66	65	69	71		73	63	61	65	77	65	65		64	69	68	62	65	63	67	65	67	63	64
17 Sat	78	71	65	59	67	71	65	59	62	49	58	62	62	62	77	65	63	69	70		72	66	60	63	77	65	64	68	64	69	67	62	64	63	66	62	67	63	63
18 Sun	77	72	66	60	66	70	64	59	61	48	57	62	61	60	77	65	62	68	69		71	63	59	62	75	62	62	67	62	68	67	61	63	62	65	63	65	62	63
19 Mon	77	72	67	61	65	69	63	62	62	52	58	64	65	62	78	66	63	70	71		70	59	60	61	74	61	61	65	55	66	67	61	61	63	63	63	63	59	63
20 Tue	77	72	66	60	65	69	63	62	61	51	59	64	63	61	78	66	64	69	71		70	59	60	61	74	61	61	65	60	68	68	61	61	62	63	64	64	59	63
21 Wed	77	73	68	63	65	69	63	59	62	49	61	66	62	59	78	66	63	69	71		70	59	61	61	74	61	60	65	61	66	69	62	62	63	64	63	64	61	63
22 Thu	80	71	65	60	67	72	65	61	63	52	59	66	63	60	77	66	63	69	70		72	62	60	63	77	64	64	67	62	67	67	61	63	61	65	64	65	60	63
23 Fri	81	72	66	60	68	72	65	59	60	49	59	64	64	60	77	66	63	69	70		73	62	61	64	77	63	65	68	64	69	68	61	65	63	66	62	67	63	63
24 Sat	79	71	65	60	67	71	64	58	60	45	59	64	63	61	76	65	62	68	69		71	61	59	63	75	63	63	66	62	68	66	60	63	62	67	62	67	61	63
25 Sun	78	71	65	59	67	71	65	59	62	51	58	60	60	58	76	64	62	67	69		70	58	59	60	73	61	60	65	60	66	67	61	61	61	64	62	64	60	63
26 Mon	77	69	63	55	67	71	65	61	64	55	53	59	56	53	76	65	62	67	68		71	62	58	62	75	63	65	68	62	67	66	60	62	61	64	62	65	60	61
27 Tue	79	69	63	58	68	71	65	64	64	52	58	63	62	58	75	64	61	67	68		69	57	58	61	73	60	61	64	62	66	66	58	60	61	63	61	64	60	61
28 Wed	80	70	65	59	68	72	64	60	59	50	58	64	62	59	76	65	62	68	69		71	59	59	62	74	62	62	65	60	67	67	62	61	61	64	62	64	60	62
29 Thu	79	71	66	62	67	71	63	60	63	48	60	64	62	63	77	66	64	68	70		72	60	59	63	77	64	63	67	62	68	67	61	63	61	65	63	66	61	63
30 Fri	76	71	64	59	64	69	62	57	58	51	57	62	63	62	78	66	63	69	70		72	61	60	63	77	63	63	67	62	68	67	61	62	62	65	62	66	61	64
31 Sat	78	69	61	57	64	70	62	56	57	41	56	61	59	57	75	65	61	68	68		71	61	58	62	76	63	62	66	61	68	66	59	--	61	68	62	66	60	63

\* = Not Required for Title 21 Reporting



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 Sun	78	71	65	58	65	70	62	57	63	47	57	60	57	54	--	65	62	69	70		70	60	60	62	75	62	62	66	61	68	67	60	--	61	64	63	65	60	63
2 Mon	79	71	65	60	67	71	63	57	63	48	56	63	63	60		65	62	68	69		71	58	59	61	74	61	61	65	62	67	67	60	--	62	64	63	65	60	63
3 Tue	77	73	67	61	65	69	62	57	57	47	58	64	65	61	79	67	64	70	71		71	59	61	62	75	62	62	66	62		69	62	--	63	65	64	65	61	64
4 Wed	76	73	67	61	63	67	60	54	54	42	59	64	63	61	79	68	67	71	71		72	58	60	61	75	61	61	65	60	--	68	61	--	62	62	62	63	59	65
5 Thu	77	73	68	61	66	69	62	57	58	48	59	63	61	60	79	67	64	70	72		71	59	62	63	74	61	62	65	61	--	68	61	--	63	64	63	65	60	64
6 Fri	79	70	64	58	67	71	64	58	59	49	57	63	64	62	73	65	63	69	69		71	61	60	63	75	61	63	65	61	--	67	61		62	64	62	65	62	63
7 Sat	80	70	64	57	68	72	64	59	59	46	56	62	60	56	--	64	61	67	68		71	60	59	62	74	61	62	66	62	--	66	59	62	62	64	63	64	60	63
8 Sun	79	71	65	60	68	71	64	62	61	51	58	65	65	62	--	64	62	68	69		71	60	59	60	74	61	61	65	60	--	66	59	62	61	64	63	64	61	62
9 Mon	79	69	67	61	68	72	67	66	67	61	61	66	67	65	77	65	63	67	68		69	60	57	60	73	61	61	64	60	--	65	60	60	60	63	62	63	59	61
10 Tue	80	70	64	60	68	72	65	62	64	57	59	64	64	59	76	64	61	67	68		71	59	57	63	74	61	62	65	60	--	65	58	62	60	64	62	63	59	61
11 Wed	80	70	65	59	68	72	64	61	59	56	58	63	62	60	76	64	62	68	69		71	59	59	62	74	62	62	65	62	--	67	60	62	62	64	62	64	62	62
12 Thu	78	70	65	61	69	72	66	65	65	63	59	63	63	59	77	66	65	69	56		71	62	61	64	76	63	63	67	63	--		62	64	65	65	63	65	62	63
13 Fri	78	69	62	57	67	72	66	63	67	66	58	65	65	64	76	64	61	67			71	59	57	62	75	62	62	66	61	--	66	60	62	60	65	63	65	62	
14 Sat	78	68	61	56	65	70	64	62	65	65	57	62	64	61	74	63	60	65	--		68	57	55	59	73	60	62	63	64	--	63	57	60	59	62	62	62	58	--
15 Sun	78	71	65	60	67	71	64	64	63	61	59	63	65	60	76	65	62	68	--		70	66	59	61	75	62	64	67	60	--	66	60	61	61	64	62	65	63	--
16 Mon	78	72	66	61	68	71	65	63	62	55	55	61	64	61	74	63	65	66			73	59	58	65	77	61	61	68	61	--	65	59	62	59	63	60	65	59	--
17 Tue	76	72	66	60	66	70	64	62	64	63	60	65	62	61	77	66	63	69	70		70	58	60	62	74	61	61	65	61	--	68	61	63	62	64	63	64	60	
18 Wed	77	72	66	61	66	70	63	60	62	56	60	66	66	64	78	66	64	69	68		71	61	61	62	75	64	63	66	61	--	68	62	62	63	65	64	65	61	
19 Thu	76	73	67	62	66	70	63	58	60	55	60	65	66	63	79	68	65	71	68		71	60	63	63	74	62	62	66	62	--	70	64	63	65	65	65	66	61	
20 Fri	80	71	67	60	68	72	64	60	60	51	60	65	63	60	76	65	63	68			71	59	59	63	74	62	61	65		--	67	61	62	62	64	63	64	61	
21 Sat	80	70	65	59	68	71	64	63	63	56	59	63	62	59	75	64	63	67	51		71	62	58	62	75	62	63	66		--	65	59	63	59	65	60	65	61	60
22 Sun	80	70	64	59	67	71	64	60	61	57	59	64	64	61	76	65	63	68			71	60	59	61	74	62	62	66	60	--	67	60	62	61	69	62	64	60	62
23 Mon	77	71	64	59	64	69	62	58	62	48	58	62	62	57	76	65	62	68			73	59	58	62	76	63	63	66	62	--	66	60	63	61	65	64	65	60	63
24 Tue	78	71	64	59	66	71	63	58	58	52	58	62	61	61	76	65	64	68			72	60	58	62	76	63	63	67	62	--	66	60	63	60	64	63	66	60	62
25 Wed	78	72	66	60	67	71	63	58	59	56	58	63	61	59	76	65	65	69			72	62	59	63	76	64	64	67	62	--	67	61	63	61	65	62	65	61	62
26 Thu	79	72	66	61	67	71	64	59	59	51	58	63	64	61	77	65	64	69	70		72	61	60	64	77	64	64	68	63	--	67	62	64	62	66	64	66	62	64
27 Fri	79	72	67	60	67	71	63	58	62	49	59	64	65	62	77	65	63	69	68		73	61	60	64	77	64	64	68	67	--	68	61	64	62	66	63	66	62	64
28 Sat	80	70	65	59	67	71	63	57	59	51	58	64	63	60	75	64	64	67	--		70	60	59	61	74	62	62	65	62	--	66	63	62	61	64	62	65	63	62
29 Sun	79	71	65	59	67	71	63	58	59	52	58	63	63	61	76	65	62	69	--		72	60	61	62	75	62	62	65	61	--	67	61	63	63	65	62	66	62	64
30 Mon	76	73	67	62	65	69	62	57	57	51	61	66	66	63	78	67	64	70	72		71	59	62	62	74	62	62	65	62	--	68	62	62	64	64	65	65	62	65

\* = 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	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Tue	77	73	68	62	65	69	62	56	58	52	60	64	64	61	77	66	65	69	72		71	59	61	62	74	61	62	65	61	--	68	62	62	63	65	64	65	63	65
2 Wed	77	73	67	61	66	70	62	57	58	49	60	64	63	60	78	66	64	70	71		70	58	62	62	73	62	61	64	61	--	69	62	61	64	64	65	64	61	65
3 Thu	79	71	65	62	68	71	64	59	59	52	59	64	64	62	77	65	62	68	70		71	61	61	62	75	62	62	66	62	--	66	62	63	62	65	63	65	61	63
4 Fri	80	72	68	61	68	72	66	66	65	61	62	66	66	63	77	66	63	69	70		73	60	59	63	76	64	64	67	63	--	67	62	64	62	66	67	67	62	63
5 Sat	80	70	64	61	69	72	67	66	66	59	60	64	63	59	75	65	61	66	65		69	59	56	60	73	61	62	64	59	--	64	58	60	61	65	60	64	63	61
6 Sun	79	71	65	60	68	71	64	64	59	50	59	64	63	64	76	65	62	68	--		70	60	59	61	74	61	61	65	60	--		59	61	60	65	60	64	58	61
7 Mon	79	71	65	60	67	71	63	59	60	49	57	63	61	60	76	64	61	67	--		70	58	58	60	74	61	61	64	61	--	66	60	61	60	63	62	64	59	61
8 Tue	79	71	65	60	66	70	62	59	58	52	58	64	62	61	76	64	65	68	--		72	61	58	63	77	65	64	68	62	--	66	60	64	61	66	64	66	63	63
9 Wed	80	71	66	59	69	72	64	59	59	55	58	64	65	61	76	65	64	68	67		71	60	59	62	76	62	63	66	62	--	67	60	63	61	65	64	65	63	64
10 Thu	80	72	66	60		67	63	58	57	51	58	63	63	60	77	65	63	69	67		72	60	60	63	76	63	63	67	63	--	67	62	64	62	66	65	66	62	63
11 Fri	80	72	66	60	--	69	62	56	58	53	59	65	64	61	77	65	63	68	67		72	62	60	63	77	62	66	68	63	--	67	61	64	62	66	66	66	63	64
12 Sat	80	69	65	57	--	72	63	57	57	53	56	61	59	57	75	64	62	67	64		70	60	59	60	74	62	65	66	60	--	66	59	61	61	68	65	64	61	62
13 Sun	79	70	65	58	--	72	64	59	60	55	56	61	60	58	76	65	62	68	67		70	59	60	61	74	62	61	65	61	--	67	60	64	62	64	62	65	60	63
14 Mon	76	73	67	61	--	69	62	57	59	51	59	65	66	62	78	66	64	70	67		72	60	62	63	75	63	63	66	63	--	68	62	63	63	65	66	65	62	65
15 Tue	76	73	68	62	--	70	62	61	58	55	60	65	66	64	78	66	64	70	67		72	60	62	63	75	63	63	66	62	--	68	62	63	63	65	65	66	61	64
16 Wed	78	73	68	62	66	70	62	58	60	56	61	66	67	65	79	67	64	70	66		71	61	62	62	75	63	62	65	61	--	69	63	62	64	65	66	65	60	65
17 Thu	80	72	65	60	68	71	64	59	60	56	58	64	64	60		64	62	68	67		71	59	60	63	75	62	62	66	62	--	68	61	62	62	65	64	65	62	63
18 Fri	80	71	66	59	68	72	64	58	59	53	58	63	65	62	--	65	62	68	67		71	59	60	63	74	62	62	65	61	--	67	61	62	62	65	66	65	65	65
19 Sat	80	70	65	58	68	71	63	57	61	47	56	60	58	56	--	64	61	67			70	63	58	61	74	62	62	65	61	--	68	62	62	62	64	66	64	61	63
20 Sun	79	72	65	59	--	71	63	58	58	48	58	62	61	59	--	65	62	69	--		72	61	61	63	76	63	63	67	62	--	67	61	64	63	66	65	67	62	64
21 Mon	79	71	66	60	--	71	63	58	60	49	58	63	60	59		66	62	69			70	62	60	61	75	62	61	65	61		66	61	62	62	64	64	65	60	63
22 Tue	80	71	64	59	--	71	64	59	60	50	57	62	62	60	76	64	66	68	69		72	61	59	63	76	63	64	68	63	--	66	61	64	61	67	64	66	62	63
23 Wed	79	72	--	60		72	64	58	60	53	63	63	63	61	77	65	66	68	69		74	61	60	64	77	64	65	69	64		67	61	65	62	67	66	66	62	63
24 Thu	79	72	--	61	67	71	63	58	59	51	63	62	62	59	76	65	62	68	69		73	61	59	64	77	64	64	68	64		67	61	65	62	67	64	--	63	64
25 Fri	78	72	--	60	66	70	64	59	60	55	60	63	64	62	77	65	63	68	69		73	62	60	65	77	65	65	68	64	--	67	62	65	62	67	64	--	63	63
26 Sat	79	70	63	57	65	69	62	58	59	52	58	61	62	58	75	64	62	67	69		72	62	58	63	77	63	64	67	64	--	65	60	66	61	66	66		63	63
27 Sun	78	71	65	59	65	68	61	56	58	49	59	62	62	59	75	64	61	67	68		71	60	59	62	75	62	63	67	62	--	66	59	63	61	68	67	66	62	63
28 Mon	78	69	63	57	65	68	62	57	58	47	56	60	57	56	76	64	61	67	69		70	59	59	61	74	61	63	65	60	--	65	58	62	60	64	62	65	65	63
29 Tue	78	71	64	58	65	67	61	55	56	45	57	62	61	56	77	66	63	69	70		71	59	59	61	75	62	62	63	61	--	67	59	62	60	64	64	64	61	62
30 Wed	79	72	65	60	66	68	61	57	57	51	63	64	63	60	77	64	63	69	71		72	60	60	64	75	62	63	67	62	68	67	62	64	62	65	65	65	60	65
31 Thu	78	71	65	61	66	71	63	58	61	49	59	63	63	59	77	--	63	69	70		73	63	61	65	75	65	63	66	63		68	62	63	63	66	64	66	62	65

\* = 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	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*	
1 Fri	79	71	65	60	67	69	62	59	58	49	58	63	64	60	76	--	63	68	69		72	61	60	64	77	65	64	68	63	--	67	61	64	62	66	64	67	63	63	
2 Sat	79	70	64	58	66	69	62	57	58	47	56	61	62	61	76	--	62	69	69		72	61	58	63	76	64	64	67	63	--	66	60	64	60	66	62	66	63	62	
3 Sun	78	70	65	58	65	67	61	58	58	48	57	61	57	57	76	--	62	68	69		72	60	59	62	76	64	63	67	63	--	65	61	64	61	66	64	66	64	63	
4 Mon	79	70	65	64	65	68	62	57	59	51	57	63	59	57	76	66	62	68	69		72	60	59	63	76	63	63	67	63	--		60	64	61	66	64	65	61	63	
5 Tue	79	70	64	62	66	68	61	56	57	49	58	63	61	59	76	64	62	68	69		72	61	59	64	77	65	64	68	63	--	66	60	64	61	66	64	66	61	64	
6 Wed	79	71	65	59	66	69	63	58	60	56	58	62	61	60	76	64	62	68	69		72	61	59	63	76	64	64	67	63	--	66	60	64	61	66	64	66	61	62	
7 Thu	80	71	66	62	66	69	63	58	60	51	58	63	61	61	76	65	62	68	69		71	59	59	62	75	62	62	66	61		67	61	63	62	65	62	65	61	63	
8 Fri	79	71	66	61	67	70	63	58	60	52	59	63	64	63	77	65	62	68	70		72	61	60	63	77	64	64	68	63	--	67	61	65	62	66	64	66	62	63	
9 Sat	80	69	64	60	66	69	62	58	59	50	58	62	58	55	75	64	61	67	68		71	59	59	62	75	62	62	66	61	--	66	60	62	61	65	61	65	65	59	
10 Sun	80	70	65	59	66		63	61	62	48	57	61	59	56	76	64	61	68	69		71	59	59	61	75	62	62	65	62	--	67	59	62	62	65	63	65	61		
11 Mon	80	71	65	60	66	68	62	60	59	49	58	64	62	63	75	64	63	68	68		72	59	58	65	75	62	62	66	62	--	66	59	63	60	65	61	66	61	62	
12 Tue	80	70	64	61	66	69	62	58	61	51	57	63	59	55	76	64	61	68	69		71	60	59	62	75	64	62	66	61	--	66	59	62	61	65	62	65	62	62	
13 Wed	79	71	64	62	64	68	61	57	58	51	58	62	60	57	78	66	63	69	71		71	59	61	62	76	63	62		61		68	61	62	63	65	63	66	62	64	
14 Thu	79	70	64	61	65	69	62	58	59	55	60	62	59	60	77	65	62	68	69		72	60	59	62	77	64	64		64	69	66	60	64	61	66	63	66	62	63	
15 Fri	80	71	65	63	66	69	63	58	60	51	59	62	61	57	77	65	64	69	70		73	61	59	65	77	64	64	68	63	69	67	61	64	62	67	64	66	63	63	
16 Sat	80	70	64	59	66	69	61	56	56	48	58	64	62	58	75	63	61	67	69		71	60	58	62	75	65	63	66	62	68	66	60	63	64	66	64	65	63	63	
17 Sun	78	70	64	58	66	69	62	57	57	54	59	62	60	57	76	65	62	68	70		71	61	62	63	75	62	63	66	62	68	67	61	62	62	62	66	64	67	62	65
18 Mon	79	69	65	59	67	71	64	60	61	54	58	63	62	60	76	65	62	68	69		71	59	59	62	75	65	62		61	67	67	62	62	62	65	62	65	61	63	
19 Tue	80	--	64	58	67	74	64	59	60	52	59	61	59	56	76	64	62	68	69		71	60	59	62	75	63	62	--	61	68	67	60	63	62	65	62	65	61	64	
20 Wed	80	71	64	61	66	70	62	58	60	55	59	61	60	56	76	65	62	68	67		73	62	58	63	77	64	64	68	63	69	66	59	64	60	66	65	66	61	62	
21 Thu	79	70	64	58	65	69	63	56	57	50	59	62	60	56	77	65	63	68	--		73	61	58	63	77	64	65	68	62	68	66	59	64	60	65	65	66	59	62	
22 Fri	78	70	63	57	64	69	61	56	58	48	58	61	59	56	77	64	62	68			74	61	59	64	77	64	64	68	62	69	66	59	64	61	66	63	69	61	63	
23 Sat	80	71	64	59	65	68	59	53	52	53	59	64	63	59	76	--	61	68	69		72	60	58	62	76	64	64	67	62	67	66	60	63	61		63	69	64	62	
24 Sun	80	70	65	58	66	72	61	56	56	53	60	63	60	57	76	--	61	67	68		71	60	58	63	75	63	63	66	61	--	66	60	62	61	--	61	67	62	64	
25 Mon	79	70	65	60	65	69	63	58	59	48	58	62	61	59	77		62	68	69		71	59	59	62	75	65	62	66	62	--	66	62	62	61	--	63	65	66	62	
26 Tue	79	71	65	60	65	68	62	57	58	50	59	62	61	58	77	65	64	69	70		73	60	59	65	76	67	63	67	63	--	66	63	64	61	--	64	67	64	66	
27 Wed	79	71	65	63	65	68	62	58	58	50	60	62	63	60	77	66	63	69	70		72	61	59	64	76	66	63	67	62	--	67	63	63	62	--	65	67	63	63	
28 Thu	80	71	65	60	66	70	62	58	58	51	59	63	63	61	77	65	62	69	70		71	61	60	62	76	63	63	67	63	--	67	61	64	62	--	64	66	62	63	
29 Fri	80	71	64	59	66	70	62	56	57	50	61	64	61	57	76	64	64	68	69		72	60	59	63	75	62	63	65	62	--	67	61	63	63	--	66	68	67	64	
30 Sat	80	70	63	57	66	69	61	56	56	49	59	63	60	57	76	64	61	68	69		71	59	59	63	75	64	67	68	62	--	67	60	64	62	--	64	66	67	64	

\* = Not Required for Title 21 Reporting



July	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Sun	79	69	63	57	65	68	62	57	56	49	59	61	60	56	76		62	68	68		70	61	58	61	75	63	63	66	69	--	66	59	62	61	--	63	66	63	63
2 Mon	78	69	64	59	65	69	63	58	59	52	59	62	61	60	76	66	62	68	68		72	59	58	66	75	63	62	66	62	--	61	59	63	61	--	63	67	65	62
3 Tue	79	69	63	58	65	69	62	58	58	53	60	61	60	57	75	64	62	67	69		72	60	58	62	75	62	63	66	62	--	66	60	63	62		64	66	61	66
4 Wed	80	69	64	61	67	69	62	58	61	63	61	63	61	63	76	65	64	65	67		69	60	62	63	77	61	60	63	64	--	66	63	61	61	63	62	63	61	64
5 Thu	79	70	65	60	66	69	64	64	63	58	60	63	62	59	76	65		68	69		72	62	58	63	77	64	66	68	64	--	67	61	64	62	65	65	68	66	64
6 Fri	79	69	62	59	66	69	65	65	67	64	61	65	65	62	75	63	--	65	67		69	57	54	61	74	61	62	64	63	--	64	58	61	59	--	64	65	59	63
7 Sat	79	68	63	59	65	68	62	63	61	55	61	64	59	58	74	62	--	66	67		70	61	57	59	75	64	64	67	60	--	64	58	61	60	--	62	64	63	60
8 Sun	80	69	63	60	65	68	62	60	62	48	61	62	58	59	75	63	--	66	67		70	58	56	62	74	63	61	64	59	--	65	58	61	60	--	60	65	62	61
9 Mon	80	70	64	60	65	68	60	57	56	47	59	64	60	56	76	65		67	68		70	57	57	60	74	62	61	65	61		65	60	61	61	--	62	64	61	61
10 Tue	80	71	65	59	65	68	60	55	55	51	61	63	60	57	76	64	59	68	69		72	59	59	64	75	65	62	66	62		66	60	62	61		64	67	61	62
11 Wed	80	70	64	60	65	68	61	57	58	56	60	61	60	57	76	64	61	68	69		71	58	58	62	75	63	61	65	61	67	66	60	64	61	--	63	65	62	63
12 Thu	79	71	65	59	65	69	62	57	58	49	59	61	59	55	76	64	62	68	69		71	60	59	61	75	62	62	65	62	67	66	60	63	60		61	65	61	63
13 Fri	79	71	65	59	65	69	62	57	59	50	58	62	61	58	77	65	62	68	69		73	62	60	65	77	64	64	67	63	69	67	63	64	62	69	63	68	65	64
14 Sat	79	69	62	56	65	68	62	57	57	45	60	61	60	56	75	63	61	67	68		71	60	59	61	75	61	61	65	61	67	65	59	62	61	67	61	65	62	63
15 Sun	79	70	64	58	65	68	61	56	57	45	55	61	59	56	76	64	58	67	67		70	59	58	61	75	61	61	64	60	66	66	59	63	60	64	60	65	61	62
16 Mon	79	71	65	60	65	69	61	57	59	47	56	63	59	57	76	64	--	68	--		71	59	59	62	76	62	63	--	62	68	66	59	63	61	66	62	66	64	62
17 Tue	80	69	62	57	66	70	62	58	58	49	55	60	57	54	76	65	--	68	--		71	59	58	62	75	62	62	--	61	67	66	59	63	60	66	63	65	60	63
18 Wed	80	71	65	60	66	70	62	58	58	49	57	61	57	54	76	64	--	67	--		72	61	58	63	77	64	63	--	63	69	66	60	64	60	67	64	67	63	62
19 Thu	80	70	64	58	65	68	62	58	58	45	56	61	59	56	76	64	--	68	--		72	59	59	62	76	63	63	--	63	68	66	60	64	62	66	64	66	61	62
20 Fri	79	71	64	58	65	69	63	58	58	50	56	61	62	59	76	64	64	68	--		72	60	59	63	76	63	63	68	61	67	66	59	63	60	66	63	70	62	63
21 Sat	78	70	64	59	65	68	62	57	59	48	56	61	61	57	76	64	62	68	--		72	62	59	63	77	64	65	67	63	69	66	60	65	60	64	62	68	63	63
22 Sun	79	71	65	59	66	68	62	61	59	55	58	64	63	59	76	64	62	68	--		70	58	58	61	75	64	62	--	60	67	66	60	62	61	65	61	66	60	63
23 Mon	80	69	65	59	66	68	61	60	58	52	57	65	62	60	76	64		67	--		70	59	58	61	74	62	61		61	67	65	61	61	60	64	62	65	62	62
24 Tue	80	70	64	60	66	69	62	62	59	51	57	62	60	57	75	63	--	67	69		70	59	58	62	74	61	60	62	61	67	65	59	62	60	62	61	65	61	62
25 Wed	81	69	63	58	65	68	62	61	60	54	56	62	58	56	76	64	--	67	68		71	59	59	61	75	62	61	--	61	68	66	60	62	61	--	62	65	62	63
26 Thu	79	70	64	58	63	67	60	56	56	50	55	61	59	54	77	65	63	68	69		72	60	60	62	77	64	63	68	63	68	66	60	64	62	--	62	67	61	62
27 Fri	78	69	62	58	62	67	60	56	60	50	56	60	59	56	76	64	62	68	69		72	60	58	64	77	64	63	68	63	68	66	59	64	60	--	63	67	63	62
28 Sat	79	70	63	57	64	67	61	54	54	50	56	59	56	51	75	--	61	67	68		72	60	58	62	77	63	63		63	68	66	59	64	60	--	62	68	62	61
29 Sun	79	70	65	59	65	68	61	57	59	--	56	61	59	56	76	--	62	67	68		71	58	58	61	76	62	64	--	62	68	66	60	65	61	--	62	66	66	63
30 Mon	80	70	65	61		68	62	58	59	--	58	62	59	55	73	--	61	67	68		71	59	58	62	76	63	62	--	61	67	66	59	63	60	--	61	65	61	62
31 Tue	79	71	65	60	--	68	62	58	60	49	57	62	60	56	--	--	62	67	68		72	59	58	63	77	63	63	--	63	69	66	60	64	61	--	62	67	62	62

\* = Not Required for Title 21 Reporting



August	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Wed	79	71	65	61	--	68	61	57	58	45	57	62	61	59	77	--	63	68	69		72	60	59	63	77	64	63	67	63	68	67	60	64	61	67	64	67	62	63
2 Thu	79	70	65	60	63	68	62	57	57	49	57	61	59	56	74	66	62	68	68		71	59	59	62	76	62	62	66	63	67	66	60	63	61		62	66	60	63
3 Fri	79	71	66	60	65	69	63	60	61	49	58	62	63	62	77	65	64	68	69		72	60	59	64	77	64	63	67	63	68	66	60	64	61	--	63	67	63	62
4 Sat	80	69	63	58	65	68	61	57	58	53	57	61	60	57	76	65	62	67	68		71	63	58	62	76	65	62	67	61	67	66	59	62	60	--	61	65	62	62
5 Sun	79	70	64	59	64	68	61	56	60	50	57	61	57	55	76	64	63	68	69		70	65	58	62	75	62	61	66	61	67	66	59	62	62	--	60	65	62	62
6 Mon	80	70	65	61	65	68	62	61	63	48	59	64	61	60	75	63	61	67	68		70	58	57	62	74	61	61	65	60	66	66	58	62	60	--	61	65	61	62
7 Tue	80	69	64	59	65	68	61	59	59	52	58	63	60	58	75	--	61	67	67		70	58	57	61	75	61	61	65	60	66	65	58	61	60	--	64	65	62	61
8 Wed	80	70	64	59	65	68	60	55	57	49	58	65	64	60	76	65	63	68	69		72	64	59	64	75	66	62	66	61	68	67	61	62	61		62	66	60	62
9 Thu	79	71	65	60	65	67	61	59	59	50	57	61	62	61	76	65	62	68	69		72	59	59	62	77	63	63	67	62	68	66	59	64	60	--	62	66	62	63
10 Fri	80	70	64	58	65	68	63	58	59	50	57	61	61	61	75	63	61	67	68		71	59	57	63	75	62	61	66	61	68	65	59	63	60	67	62	65	63	61
11 Sat	79	69	62	57	65	68	61	57	57	49	54	60	59	57	75	63	61	67	67		70	58	57	61	75	61	61	65	60	67	66	58	62	59	68	60	65	61	62
12 Sun	78	70	64	58	64	68	61	56	57	51	55	61	59	60	75		61	67	67		70	59	57	61	75	63	61	66	60	66	65	58	62	59	65	60	65	61	61
13 Mon	79	69	64	59	65	68	62	57	59	49	55	62	62	60	76	--	61	68	68		71	60	58	62	75	62	61	66	61	67	66	59	62	60	65	61	65	60	62
14 Tue	80	69	64	58	65	69	63	58	60	49	56	62	60	56	76	66	62	68	69		71	59	59	64	75	62	61	66	61	67	66	59	62	60	66	63	65	60	63
15 Wed	80	70	64	60	65	69	62	57	58	58	56	61	59	57	76	65	62	68	69		71	58	58	62	76	63	61	66	61	67	66	59	63	60	66	63	65	62	65
16 Thu	79	70	64	59	65	68	62	56	57	50	56	61	57	55	76	64	62	67	68		74	59	58	63	77	63	63	68	63	69	66	60	64	60	68	63	66	62	63
17 Fri	79	70	64	58	65	68	61	56	58	49	56	60	60	57	76	65	62	68	69		74	60	59	65	77	63	64	68	62	68	66	60	64	61	67	62	66	63	63
18 Sat	78	70	63	57	64	67	60	56	57	50	55	59	58	57	75	63	61	66	67		72	60	57	63	77	63	64	68	62	70	65	60	67	59	67	60	67	62	61
19 Sun	79	69	63	57	65	68	61	56	57	50	55	60	58	55	75	65	62	67	68		70	57	57	60	74	61	63	65	60	66	66	58	62	60	64	59	65	61	62
20 Mon	79	69	64	59	65	68	61	57	57	54	55	63	61	58	75	64		67	68		70	59	58	61	74	61	61	65	61	67	66	59	62	60	65	63	65	59	62
21 Tue	80	68	62	57	65	68	61	56	57	51	55	61	58	56	75	64	--	67	68		71	59	58	61	75	63	61	61	61	67	66	59	66	60	65	63	65	60	63
22 Wed	79	70	64	59	65	68	62	57	60	48	56	61	61	61	76	65	--	68	68		71	60	59	62	75	62	62		61	67	66	59	62	60	65	64	65	60	62
23 Thu	80	69	64	58	65	68	62	57	57	49	57	62	63	59	76	64		67	68		71	63	59	61	75	62	61	64	62	67	66	61	64	60	65	64	64	60	60
24 Fri	79	70	63	58	65	69	63	58	59	52	56	62	63	59	76	65	62	68	69		70	59	59	63	74	62	61	65	61	67	66	59	62	61	65	62	65	62	62
25 Sat	79	68	62	56	65	68	62	57	58	53	55	60	58	56	74	63	61	67	67		70	60	57	61	74	62	63	67	60	67	65	59	62	59	64	59	64	62	61
26 Sun	79	70	63	57	65	69	62	57	58	49	55	60	60	56	75	64	63	68	69		70	60	58	61	75	62	62	66	60	68	66	59	62	60	65	60	65	60	62
27 Mon	78	70	64	61	64	68	61	56	58	46	56	63	63	60	76	65	63	68	69		72	60	59	62	76	63	63	67	63	68	66	60	64	61	67	62	67	62	62
28 Tue	79	70	64	59	65	68	62	59	58	51	58	62	62	59	74	64	62	67	68		72	60	57	63	76	64	64	67	63	68	66	60	64	60	67	62	66	63	62
29 Wed	80	69	63	59	66	69	63	62	60	54	57	63	62	59		65	63	68	69		73	60	59	63	75	63	62	66	61	67	66	60	62	60	66	64	65	60	63
30 Thu	80	70	64	58	65	69	62	61	59	49	58	64	63	59	76	64	63	68	69		71	60	59	63	75	62	63		62	67	66	60	63	60	66	63	65	60	62
31 Fri	80	69	64	59	66	69	63	58	60	49	58	63	60	61	76	64	61	67	68		70	59	58	62	74	62	61		61	67	66	60	61	61	65	63	65	63	62

\* = Not Required for Title 21 Reporting



September	AIR1	PDR1	PDR2	PDR3*	ESG1	ESG2	ESG3	ESG4*	ESG5	DEL1*	WCH1*	WCH2	WCH3	WCH4*	WCH5	WCH6	ING1	ING2	ING3	ING4	ING6	ING5*	ING7*	ING8	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Sat	80	68	62	56	65	68	61	58	57	48	56	63	59	59	74	62	59	65	66		69	57	57	60	74	60	56		60	66	64	58	61	60	64	59	64	62	60
2 Sun	78	69	63	56	64	67	60	55	54	47	55	62	60	55	74	63	60	66	66		69	58	57	60	74	62	63		60	66	64	58	62	59	64	59	64	61	61
3 Mon	79	69	63	57	65	68	61	56	57	47	55	60	55	51	76	65	61	67	68		70	58	58	61	75	62	62		60	69	65	58	62	61	66	60	64	63	64
4 Tue	78	70	65	59	64	68	62	57	58	54	56	62	61	58	76	65	62	68	70		71	62	58	63	74	65	62		61	68	66	60	62	60	66	64	65	58	61
5 Wed	78	69	63	59	64	68	62	57	59	50	55	61	58	55	76	64	61	67	68		71	59	57	62	75	63	63		60	67	65	59	62	59	64	64	64	60	62
6 Thu	78	68	61	56	63	68	62	57	58	49	55	61	60	56	77	65	62	69	69		72	61	58	64	75	64	62	68	61	67	65	58	62	59	64	61	65	59	61
7 Fri	77	69	62	59	63	67	62	56	58	50	56	60	60	57	76	64	62	69	68		72	59	57	63	76	63	64	67	62	69	66	59	63	59	66	65	66	61	62
8 Sat	77	66	58	53	60	64	57	51	55	48	53	58	55	52	75	63	59	65	66		71	58	55	62	76	62	66	65	61	67	64	57	63	58	66	59	66	61	62
9 Sun	78	69	62	57	63	67	60	55	56	47	56	61	58	55	76	64		67	68		71	59	58	61	76	62	62	66	61	67	66	58	63	60	67	60	66	61	62
10 Mon	78	70	64	59	64	68	61	57	59	48	56	62	59	55	76	65		68	68		71	61	58	62	76	63	62	67	62	68	66	59	63	60	66	63	65	61	62
11 Tue	79	69	63	60	65	68	62	57	58	48	56	61	59	56	75	64	61	67	68		71	60	57	62	76	65	63	67	62	68	65	59	63	60	66	67	66	61	62
12 Wed	79	70	64	59	65	68	62	57	57	51	56	62	62	60	75	64	62	67	68		73	60	58	62	76	64	64	67	62	68	66	60	65	60	66	64	66	62	62
13 Thu	80	69	63	57	67	69	64	63	64	57	58	64	65	62	74	64	61	67	68		70	59	57	61	75	62	61	65	61	66	66	60	62	59	65	62	64	59	63
14 Fri	80	68	62	58	66	69	64	63	61	56	56	63	63	60		64	62	67	68		71	58	57	61	74	63	62	65	62	65	65	58	62	60	64	63	63	62	61
15 Sat	79	67	61	56	65	68	61	57	56	49	57	63	62	61	73	62	61	65	67		69	56	55	60	73	64	62	64	59	66	63	59	61	58	63	58	65	61	60
16 Sun	79	69	63	57	65	68	61	57	56	47	57	64	64	60	75	64	61	67	67		70	59	56	60	74	61	62	65	60	66	64	58	61	58	65	59	64	59	60
17 Mon	80	68	63	59	65	68	62	59	62	56	57	65	63	61	75	64	61	67	68		70	59	57	60	74	62	61	65	60	65	65	60	61	59	64	65	63	59	61
18 Tue	80	69	63	59	66	69	63	59	59	53	58	65	63	59	75	64	61	67	68		70	61	57	61	75	65	64	67	62	66	65	58	62	59	64	65	65	60	61
19 Wed	80	69	63	60	66	69	62	59	59	51	57	63	61	58	75	64	62	67	67		70	58	58	61	74	64	61	65	60	66	65	64	61	60	65	62	65	60	62
20 Thu	80	70	64	59	65	68	61	57	57	57	58	65	63	61	75	64	61	67	68		71	60	59	62	75	61	62	66	62	67	66	61	66	60	65	65	66	62	63
21 Fri	79	70	64	62	65	69	63	58	59	52	58	62	62	60	74	64	62	68	67		71	61	58	63	75	65	63	68	61	67	65	64	65	60	65	62	66	65	63
22 Sat	78	70	63	60	64	68	61	57	57	57	56	61	61	57		64	61	67	68		72	60	58	64	76	63	63	67	62	68	65	59	63	59	69	59	67	61	61
23 Sun	78	70	63	58	65	68	61	57	56	47	56	61	62	59	76	64	61	68	68		71	63	58	62	76	63	64	66	62	68	65	60	64	60	67	60	66	61	64
24 Mon	79	69	64	60	65	69	63	59	59	48	55	62	58	57	75	64	61	67	68		71	59	58	62	75	62	62	67	61	67	65	59	63	60	66	62	65	62	62
25 Tue	78	70	63	57	65	68	62	59	58	52	56	61	58	58	75	64	62	67	68		72	61	57	63	77	63	64	68	62	68	65	59	64	59	66	63	66	61	62
26 Wed	79	69	64	59	65	68	62	57	58	49	55	61	58	57	75	64	62	67	68		71	59	57	61	75	63	64	66	61	67	65	59	62	60	65	64	65	61	62
27 Thu	79	70	64	59	65	68	62	57	59	52	57	62	59	57	76	65	63	67	69		72	61	59	64	77	64	65	69	64	69	67	61	65	61	68	62	66	62	62
28 Fri	78	70	63	57	64	68	62	56	57	46	56	61	58	59	75	64	61	67	68		72	60	57	63	77	64	65	67	62	68	65	58	63	60	66	61	66	62	62
29 Sat	79	69	63	57	65	68	61	56	57	60	55	61	60	57	74		60	66	67		72	60	57	62	76	63	66	67	62	68	65	59	64	60	66	61	67	62	61
30 Sun	79	70	64	58	65	68	62	57	59	52	56	61	61	59	75	--	61	67	68		70	58	57	60	74	60	61	65	60	66	65	58	61	59	64	58	64	60	60

\* = Not Required for Title 21 Reporting



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	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Mon	79	69	63	59	65	68	64	62	63	55	57	63	63	60	75	--	61	66	67		70	61	57	60	75	62	62	65	61	67	65	59	62	60	64	61	64	59	62
2 Tue	79	68	63	57	66	69	63	59	59	50	55	61	58	55	75		60	67	67		70	58	57	61	74	61	61	65	60	66	65	58	62	60	64	63	64	60	62
3 Wed	80	69	63	59	66	69	63	58	59	48	56	62	60	59	72	63	62	66	67		70	58	57	61	75	60	61	65	61	66	65	60	62	59	64	62	65	60	61
4 Thu	79	70	64	58	65	69	63	59	61	56	57	62	61	59	--	64	62	67	68		71	61	60	62	75	64	62	66	61	67	66	60	63	60	67	62	65	61	62
5 Fri	79	70	64	58	66	69	63	58	59	51	57	63	62	59	77	64	62	68	68		72	61	59	63	76	63	63	67	63	68	66	60	64	61	66	62	66	62	63
6 Sat	80	68	62	57	65	69	62	57	58	49	55	60	58	54	74	63	62	66	68		71	57	57	61	74	61	61	64	61	66	65	59	61	59	64	60	60	62	61
7 Sun	79	69	63	57	65	68	62	57	58	49	56	63	63	61	75	64	61	67	68		71	59	58	60	73	61	63	65	60	66	66	59	61	60	65	61	66	64	63
8 Mon	80	69	64	58	65	68	62	57	58	51	56	63	60	59	75	64	61	67	68		70	58	58	61	74	61	61	65	61	67	66	59	62	60	65	63	65	61	63
9 Tue	80	69	64	58	66	69	62	58	58	49	56	62	63	59	74	64	62	67	68		70	58	58	61	74	62	61	65	61	67	66	59	62	61	65	62	66	60	63
10 Wed	80	69	63	58	66	69	62	59	59	50	56	61	59	56	75	64	61	67	68		70	59	58	62	75	63	61	66	62	67	66	60	62	61	65	62	66	61	63
11 Thu	80	69	64	58	66	69	64	59	61	54	57	60	58	58	75	64	61	67	67		70	59	58	62	74	62	61	65	61	67	65	59	62	60	65	65	65	61	61
12 Fri	80	69	63	57	66	69	63	63	61	59	57	62	63	63	76	65	62	68	68		71	60	58	65	75	63	62	66	63	67	66	59	63	61	67	62	66	62	63
13 Sat	80	70	64	57	66	69	63	59	59	52	56	61	61	59	75	64	63	67	68		72	63	58	63	76	64	64	67	63	68	66	63	66	61	66	61	67	66	62
14 Sun	79	69	63	57	65	68	62	57	58	50	55	60	58	58	75	64	61	67	67		71	58	58	61	74	62	61	65	60	67	66	59	62	61	65	59	65	64	61
15 Mon	78	62	59	52	65	68	63	62	64	61	51	62	58	54	67	65	63	61	61		67	63	56	62	71	70	66	66	61	60	53	62	63	50	60	58	57	56	54
16 Tue	76	67	61	55	64	67	63	61	64	64	55	62	62	56	74	64	64	68	67		71	62	58	63	75	71	67	68	62	67	64	60	64	58	64	--	64	61	61
17 Wed	80	68	63	59	66	69	64	63	64	62	56	63	64	60	74	63	60	66	67		70	58	56	66	73	61	61	64	60	65	64	57	61	59	63	--	64	59	60
18 Thu	80	68	63	57	66	68	65	63	67	65	58	65	64	61	75	63	61	66	67		70	58	58	61	73	62	62	64	61	66	67	59	61	60	64		63	59	61
19 Fri	79	67	61	56	65	--	65	63	66	66	59	65	68	63	74	64	61	69	67		69	58	56	67	73	61	61	64	60	65	64	57	60	60	65	65	64	61	62
20 Sat	78	65	60	55	64	--	63	60	64	63	58	63	64	57	73	62	60	65	66		69	58	55	61	74	61	61	65	61	66	64	58	62	58	65	64	64	60	60
21 Sun	79	69	63	57	65	--	62	58	58	43	57	63	62	61	75	64	61	67	68		70	59	58	61	74	61	61	65	60	66	66	59	62	60	64	62	64	60	62
22 Mon	80	68	64	58	65	67	63	59	60	49	55	62	59	56	74	63	60	67	67		71	59	57	61	75	62	62	66	61	67	65	59	63	60	65	64	64	60	61
23 Tue	79	69	63	57	65	68	62	58	59	53	58	64	62	58	75	64	62	67	68		72	61	58	63	77	63	64	67	63	68	66	59	64	60	67	63	67	62	62
24 Wed	81	69	63	58	65	69	62	59	59	48	58	64	61	58	74	63	60	67	67		70	59	57	63	75	64	61	66	61	67	65	58	63	59	65	61	65	62	61
25 Thu	79	70	64	58	65	68	62	58	58	49	57	62	63	--	75	64		67	68		72	60	58	63	77	63	63	67	63	68	66	60	64	60	66	62	66	63	62
26 Fri	79	71	64	59	65	67	62	61	60	56	60	65	66	--	75	64	--	68	69		72	61	58	64	77	63	64	67	58	69	66	60	64	60	66	62	67	64	62
27 Sat	78	68	62	58	63	66	59	58	57	52	58	62	60	--	75	64	--	68	69		71	59	57	62	76	62	64	66		67	66	59	63	59	65	62	65	62	61
28 Sun	79	69	63	58	63	67	60	57	58	57	56	60	61	--	75	63	--	67	67		70	58	57	61	75	61	61	65		67	66	58	62	59	65	60	65	61	63
29 Mon	79	69	64	59	65	67	61	63	60	53	57	64	63		75	64	--	67	68		70	58	57	61	74	60	60	65	60	66	66	59	62	60	64	63	64	61	62
30 Tue	79	70	64	58	66	68	62	58	58	50	58	64	63		75	64	--	68	68		72	60	59	66	74	64	61	66	62	68	66	60	63	61	65	63	66	63	63
31 Wed	79	68	62	58	66	68	63	61	63	56	59	65	64		75	64	61	67	68		70	58	57	62	74	62	60	65	60	66	65	60	62	59	64	63	64	61	61

\* = 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	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Thu		68	62	57	66	69	65	63	66	63	60	66	65	--	75	65	61	66	68		70	60	57	61	75	61	62	66	60	67	65	59	62	59	64	64	64	60	62
2 Fri		69	62	57	66	69	65	65	64	61	59	65	67	--	74	63	61	66	67		72	60	57	63	74	61	63	65	60	66	64	57	62	58	64	63	64	62	63
3 Sat		68	62	57	65	68	64	60	63	60	57	63	62	--	73	61	62	65	65		70	58	54	61	74	60	61	64	60	65	64	57	63	58	64	62	64	60	59
4 Sun		69	63	58	65	68	64	63	64	59	59	65	65	--	75	64	61	67	68		70	60	58	61	76	62	62	67	61	67	66	59	64	60	65	62	65	60	62
5 Mon		69	64	59	65	68	61	57	58	48	56	64	61	--	75	64	62	67	69		71	59	58	63	74	63	61	65	61	67	66	61	63	60	65	64	66	61	63
6 Tue	50	70	64	58	65	68	62	60	59	49	56	63	63	--	74	63	62	67	68		71	59	58	64	75	64	61	66	62	68	66	60	63	60	66	64	66	61	62
7 Wed	57	69	64	59	66	69	63	58	59	50	57	61	60	--	75	64	61	67	68		70	58	59	61	74	61	60	65	62	66	66	59	62	61	65	63	65	60	63
8 Thu	52	67	61	56	65	68	63	60	64	59	55	60	57	--	74	62	61	67	67		69	58	57	61	73	61	61	64	60	64	65	59	61	59	64	64	63	60	61
9 Fri		64	56	50	61	65	61	56	62	62	53	60	62	--	72	59	57	63	63		68	54	48	57	71	55	63	60	56	64	60	50	56	52	63	63	59	60	59
10 Sat		66	60	54	62	65	61	57	61	59	55	63	63	--	73	62	60	65	66		69	58	54	60	74	60	60	65	59	65	64	55	62	56	63	63	63	60	58
11 Sun		69	63	58	64	67	63	60	64	61	61	66	66	--	74	64	61	66	67		70	58	56	61	75	61	62	66	61	66	66	57	63	59	66	64	64	61	61
12 Mon	54	65	61	56	61	65	59	55	61	61	53	61	62	--	73	62	59	64	65		68	55	53	59	72	58	58	62	57	64	62	54	58	57	62	64	62	57	60
13 Tue	49	66	59	56	62	65	61	58	61	61	59	65	65	--	73	63	58	64	65		68	55	52	59	73	59	59	63	57	63	62	53	59	55	64	65	61	56	58
14 Wed		66	59	56	63	67	64	64	64	61	56	62	62	--	73	62	59	64	64		68	55	53	58	73	59	59	63	57	62	62	54	59	56	63	62	61	60	58
15 Thu	56	68	62	56	64	68	65	63	66	65	57	64	64	--	75	63	61	67	68		71	59	57	63	74	62	61	65	63	65	65	58	63	58	66	66	64	59	60
16 Fri	56	70	64	59	65	69	65	63	64	55	60	66	66	--	75	65	62	68	69		72	61	58	64	77	63	64	68	63	68	67	61	64	60	67	67	66	63	62
17 Sat	55	70	64	59	65	68	62	58	59	44	58	63	63	--	76	64	62	68	69		71	59	59	64	74	65	60	65	62	67	67	61	63	61	68	63	65	61	62
18 Sun		71	64	58	64	67	61	57	58	50	58	64	66	--	75	64	61	67	68		70	58	58	63	74	63	61	65	61	67	66	60	62	61	66	62	66	61	61
19 Mon		69	65	60	64	68	65	62	64	59	59	66	65	--	74	63	61	66	67		71	59	57	62	76	60	62	67	62	67	65	59	63	59	66	--	65	62	61
20 Tue		70	64	59	65	69	65	62	66	62	61	66	67	--	75	65	62	67	68		71	60	59	63	76	61	64	67	63	68	67	60	64	61	67	--	66	64	62
21 Wed	80	70	65	61	65	69	63	60	61	53	59	65	63	--	74	63	61	67	68		72	59	58	62	75	61	62	67	63	67	66	59	63	61	66	--	66	62	62
22 Thu	80	69	63	57		68	63	59	61	52	57	64	59	--	73	62	60	65	66		69	59	56	61	75	59	61	66	63	66	64	58	62	59	65	--	65	60	62
23 Fri	80	69	63	58	--	68	63	60	65	56	59	65	62	--	72	62	60	65	66		69	58	56	62	74	59	60	64	61	68	64	59	62	59	64	--	64	60	60
24 Sat	79	69	64	58	--	68	63	58	60	52	60	66	64	--	74	63	60	66	67		69	59	58	61	74	60	61	65	61	67	65	61	64	60	65	--	65	58	62
25 Sun	79	70	64	59	--	69	64	63	64	58	59	66	62	--	75	64	61	67	68		70	58	58	61	75	61	61	66	61	66	66	59	64	61	66	--	65	61	63
26 Mon	78	68	63	57	63	68	64	61	65	65	55	62	61	--	74	63		66	67		69	58	57	61	73	61	60	64	62	65	65	59	61	60	64	--	63	60	62
27 Tue	78	69	63	58	64	68	64	60	65	65	57	63	64	--	75	64	--	67	68		70	59	57	62	75	63	61	65	61	66	65	59	62	61	65	--	65	61	62
28 Wed	80	71	65	60	65	68	61	58	58	51	60	65	63	60	75	64	--	68	68		71	59	59	64	75		62	66	63	68	67	61	64	61	66		66	62	63
29 Thu	78	71	66	61	67	69	64	60	61	58	60	64	65	62	77	66		69	70		74	62	61	64	78		66	68	65	69	68	62	66	62	68	63	68	63	66
30 Fri	79	70	64	57	66	69	65	62	64	63	58	61	61	58	75	64	62	68	68		72	63	59	66	77	63	64	68	64	68	66	61	65	61	68	65	68	63	64

\* = 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	LNX1	LNX2	LNX3	LNX4	ATH1*	ATH2	SLA1	SLA2*	SLA3	SLA4*	SLA5	SLA6*	SLA7	SLA8*	SLA9*
1 Sat	78	69	62	56	66	69	64	61	64	64	55	57	57	52	74	63	61	67	67		71	61	58	63	76	62	63	67	63	67	66	61	64	60	67	65	69	64	67
2 Sun	78	68	62	55	65	68	64	62	64	62	54	58	54	54	75	64	60	67	68		71	60	58	62	76	61	62	67	63	67	66	60	64	60	67	63	66	64	64
3 Mon	79	69	64	60	65	69	64	61	65	63	59	65	60	56	73	62	59	65	67		69	58	56	61	73	62	60	64	60	65	65	58	62	59	65	64	64	60	61
4 Tue	79	68	63	60	64	68	63	61	63	60	60	64	60	61	73	61	62	65	66		70	59	56	62	75	60	62	67	62	67	64	58	63	59	66	64	66	63	61
5 Wed	77	68	65	61	65	67	61	58	62	64	59	64	64	61	72	70	68	68	67		70	68	65	67	74		70	70	64	64	62	64	66	60	64	66	60	60	56
6 Thu	76	67	62		67	69	65	63	66	67	57	61	64	61	71	70	70	69	69		73	71	66	69	77		73	73		67	64	66	69	62	67	67	64	64	57
7 Fri	78	68	63	59	67	70	66	64	67	66	56	60	57	54	--	64	67	67	69		73	67	60	68	77	62	70	71	--	69	66	65	69	62	68	67	67	66	63
8 Sat	79	69	63	57	65	70	65	63	67	64	55	61	62	57	--	62	61	66	67		69	59	57	61	74	62	62	65	--	66	65	60	61	60	65	65	64	61	68
9 Sun	79	69	63	56	66	70	65	63	67	64	55	61	61	52	--	63	61	67	67		70	58	60	61	75	61	62	66		67	66	59	64	61	66	66	66	63	65
10 Mon	79	69	64	62	65	69	64	62	64	65	58	64	65	62		63	60	66	67		70	59	57	61	74		61	65		66	65	59	62	60	65	64	65	61	62
11 Tue	80	70	64	59	66	69	64	61	63	59	60	66	65	61	73	63	61	66	68		71	59	57	63	75	62	62	66		67	65	60	63	61	65	65	65	62	61
12 Wed	80	69	64	61	66	69	63	62	61	54	59	64	62	56	75	63	61	67	68		71	58	59	63	74	61	61	66	--	66	66	61	64	61	65	65	66	61	62
13 Thu	80	68	63	60	65	69	66	63	67	66	60	64	62	58	73	62	60	65	66		69	57	58	61	73	60	60	64		67	65	58	62	59	66	65	65	60	57
14 Fri	80	69	63	59	65	69	66	64	66	63	57	63	63	59	74	62	60	65	67		69	60	58	61	74	56	61	64	60	65	64	58	61	60	64	61	64	60	
15 Sat	79	68	62	57	64	68	62	59	61	60	57	63	67	61	73	63	60	65	66		70	61	54	61	76	63	64	67		66	63	59	63	57	66	63	65	62	
16 Sun	78	71	64	58	65	68	63	59	63	57	58	65	67	64	75	64	61	67	68		71	60	58	62	76	62	63	67	--	68	66	60	64	60	66	64	66	62	
17 Mon	79	69	64	59	66	69	63	59	63	51	56	64	63	60	75	64	61	67	68		71	59	58	62	75	62	62	66	--	66	66	60	64	60	66	61	65	62	
18 Tue	80	70	64	59	66	69	63	59	61	56	58	63	65	63	74	63	61	66	68		71	59	57	62	75	62	62	67	--	66	65	59	63	60	67	63	65	63	60
19 Wed	80	70	64	60	66	69	65	63	66	64	59	64	64	60	74	64	63	66	68		71	59	57	62	75	63	62	66		66	65	59	63	61	67	63	66	62	62
20 Thu	79	70	64	60	66	69	64	61	63	64	60	66	66	63	75	64	60	67	68		71	60	58	62	75	62	63	66	61	66	66	60	63	61	66	65	65	61	61
21 Fri	80	70	65	59	66	69	64	61	61	57	59	66	66	64	75	64	--	67	68		71	60	58	62	75	62	64	66	61	66	66	62	63	61	66	66	65	62	62
22 Sat	79	70	65	59	65	68	63	60	61	54	59	66	65	61	76	65	--	68	69		72	61	59	63	77	63	63	68	64	68	67	62	65	62	68	64	67	64	64
23 Sun	79	70	65	58	65	68	63	58	61	55	57	62	62	61	76	65	--	68	69		71	60	59	62	76	62	63	67	62	67	66	60	64	62	68	62	66	62	63
24 Mon	78	69	64	58	65	68	62	58	59	54	55	62	60	56	75	64	62	67	68		70	59	57	61	75	65	62	65	63	68	66	60	63	60	65	62	65	61	63
25 Tue	77	68	62	55	66	69	64	61	63	63	54	57	56	52	74	63	61	66	67		69	58	58	62	75	61	61	66	62	69	65	59	63	60	65	62	66	61	69
26 Wed	79	70	64	59	66	69	64	62	64	62	60	65	64	60	76	64	62	68	69		71	59	60	64	74	64	62	66	62	67	67	62	64	62	67	67	65	62	63
27 Thu	80	69	63	59	67	70	66	64	66	65	59	64	63	55	74	63	61	66	68		69	59	57	61	73	62	60	64	60	65	65	59	63	61	64	64	64	60	61
28 Fri	77	68	61	54	64	67	64	61	64	61	52	59	61	54	74	62		66	67		70	57	56	61	75	59	60	65	61	66	64	58	62	61	65	64	64	61	62
29 Sat	77	67	61	57	63	67	62	58	62	61	56	62	63	57	74	62	--	66	68		69	59	57	61	73	60	62	63	60	65	64	57	60	59	64	63	63	61	61
30 Sun	78	70	64	60	64	68	63	59	63	63	61	67	62	55	74	63	--	66	67		70	58	58	62	73	60	60	65	61	66	66	59	62	60	66	66	64	61	62
31 Mon	79	66	63	58	65	68	63	59	63	59	57	63	58	55	72	61	--	65	65		68	59	55	59	72	64	58	62		65	64	58	59	59	65	65	63	60	61

\* = Not Required for Title 21 Reporting



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

Period : 10/01/2018 to 12/31/2018  
 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			
<b>Departures</b>																
<b>Total Hours</b>																
24 Hours	0%	1%	2%	<1%	44%	<1%	2%	51%	944	55%	45%	97%	3%	97%	3%	
<b>CNEL Hours</b>																
0700 - 1900	0%	1%	2%	<1%	48%	<1%	2%	46%	634	50%	50%	97%	3%	98%	2%	
1900 - 2200	0%	1%	2%	<1%	46%	<1%	2%	48%	120	52%	48%	97%	3%	97%	3%	
2200 - 0700	0%	<1%	3%	<1%	26%	<1%	3%	68%	190	73%	27%	97%	3%	97%	3%	
<b>Contra Hours</b>																
Midnight - 0630	0%	<1%	3%	<1%	14%	<1%	3%	79%	95	85%	15%	97%	3%	96%	4%	
0630 - Midnight	0%	1%	2%	<1%	47%	<1%	2%	48%	850	52%	48%	97%	3%	98%	2%	
<b>Arrivals</b>																
<b>Total Hours</b>																
24 Hours	2%	3%	<1%	2%	<1%	45%	47%	1%	945	50%	50%	94%	6%	4%	96%	
<b>CNEL Hours</b>																
0700 - 1900	2%	<1%	<1%	2%	<1%	48%	48%	<1%	635	50%	50%	97%	3%	1%	99%	
1900 - 2200	2%	<1%	<1%	2%	<1%	47%	48%	1%	168	51%	49%	97%	3%	2%	98%	
2200 - 0700	2%	18%	<1%	3%	<1%	31%	44%	2%	142	50%	50%	77%	23%	20%	80%	
<b>Contra Hours</b>																
Midnight - 0630	2%	46%	<1%	5%	<1%	12%	29%	4%	54	39%	61%	47%	53%	52%	48%	
0630 - Midnight	2%	<1%	<1%	2%	<1%	47%	48%	<1%	892	51%	49%	97%	3%	1%	99%	

All values are rounded to the nearest whole number.





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

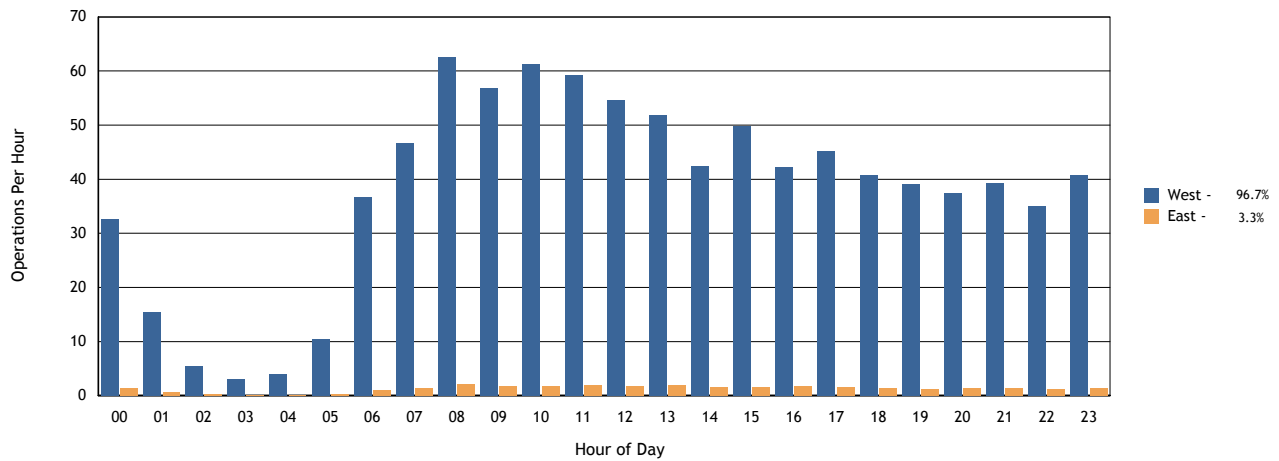
Period: 10/01/2018 to 12/31/2018

Airline : ALL  
 Aircraft : ALL

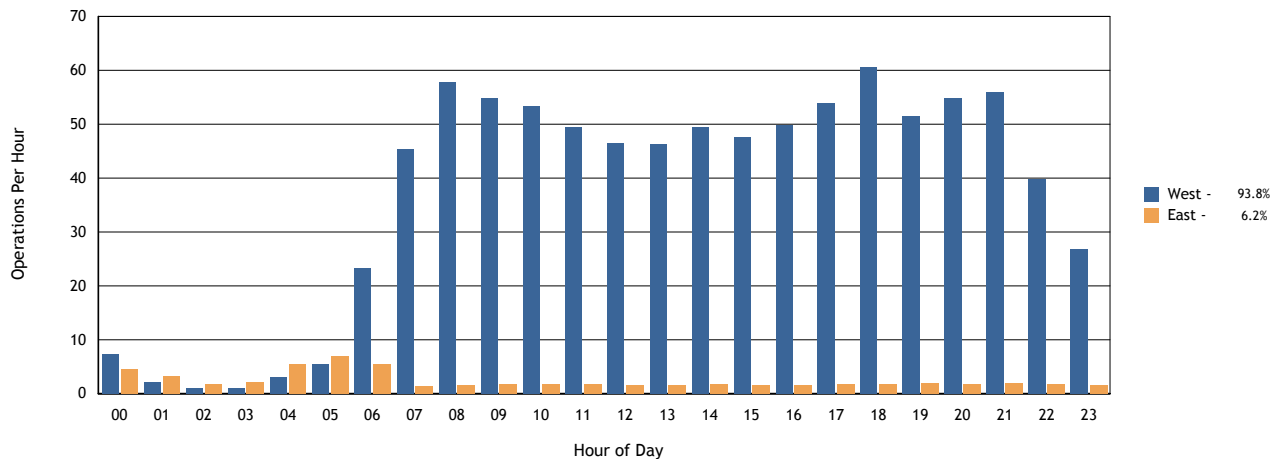
Time Period	Departures			Arrivals			Departures		Arrivals	
	West	East	Average	West	East	Average	West	East	West	East
<b>Total Hours</b>										
24 Hours	914	31	944	887	58	945	97%	3%	94%	6%
<b>CNEL Hours</b>										
0700-1900	614	21	634	615	20	635	97%	3%	97%	3%
1900-2200	116	4	120	162	6	168	97%	3%	97%	3%
2200-0700	184	6	190	110	33	142	97%	3%	77%	23%
<b>Contra Hours</b>										
Midnight - 0630	92	3	95	25	29	54	97%	3%	47%	53%
0630 - Midnight	822	28	850	862	30	892	97%	3%	97%	3%

All percentages are rounded to the nearest whole number.

Departures Per Hour by Operational Direction



Arrivals Per Hour by Operational Direction



## **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 2018

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 the Siting Study and is evaluating the design study for the proposed development of 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.
- 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 2018.
- LAWA shall take reasonable steps to ensure that the Airport’s noise complaint hotline has the capability of providing a live answer as appropriate, and shall ensure that any complaints left as voicemail messages are retrieved, entered into the Noise Complaint System, and responded to appropriately 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.