



SOUTHERN NEVADA EMPLOYMENT LAND ANALYSIS ("THE ANALYSIS")

 Looks at current (3-5 years) supply of developed & undeveloped, vacant industrial real estate lands in Southern Nevada

Why? Aids economic developers, municipalities & business community in land use & regional planning

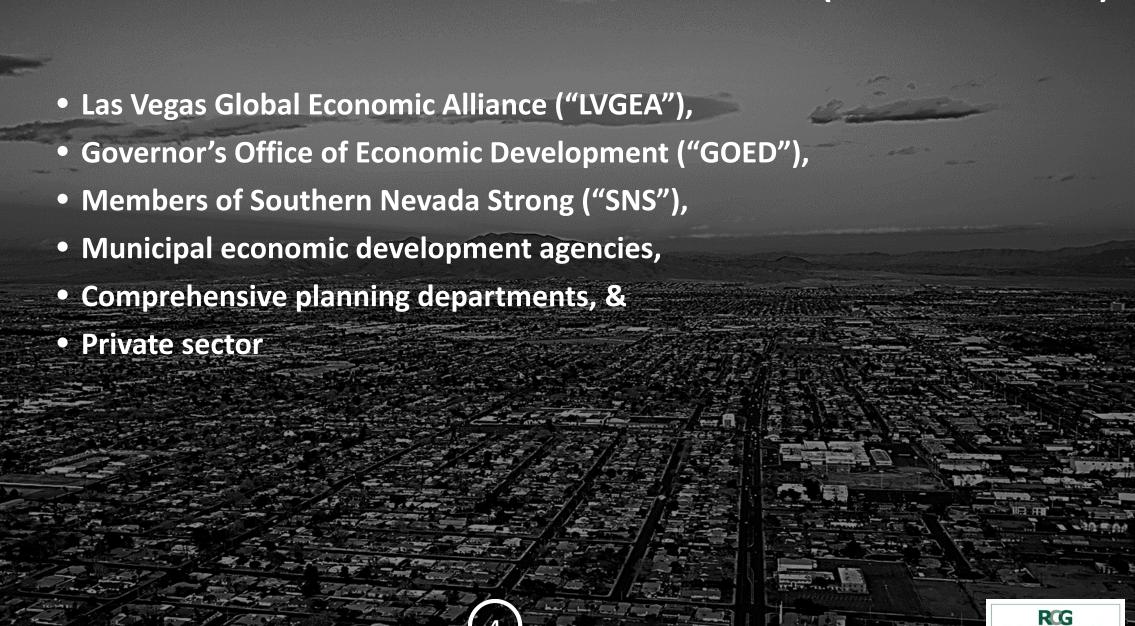
 Part 1: Overview of current industrial real estate conditions in Las Vegas MSA & 8 competing Western metro areas

Why? To compare Southern Nevada's competitiveness for industrial development & growth

- Part 2: <u>High-level</u> land inventory survey & ranking of Employment Opportunity Areas ("EOAs"),
 i.e., vacant industrial parcels/assemblages of 70+ acres, with a focus on Las Vegas Valley
 Why? To highlight areas with highest industrial development potential during next 3 to 5 years
- Ranking process builds-off Southern Nevada Strong ("SNS") Employment Land Use Policy Analysis
- Also added a GOED Target Industry-to-Zoning District Analysis



SOUTHERN NEVADA EMPLOYMENT LAND ANALYSIS ("THE ANALYSIS")



RCG ECONOMICS

INTRODUCTION for COMPARATIVE INDUSTRIAL MARKET OVERVIEW

- Date of Comparative Metro Overview: (Q2, 2015)
- Purpose: To determine level & type of industrial development activity occurring in each market, including Las Vegas



SELECTED METROS METRICS: Size of Market per Capita

Industrial Inventory per Capita, High to Low: Q2, 2015

Ranking	Market Area	Total Inventory (SF)	Population	SF per Capita
1	Reno/Sparks (exc. R&D, Flex)	69,965,324	429,476	163
2	Salt Lake City	113,807,351	1,048,314	109
3	Inland Empire *	452,910,300	4,338,649	104
4	Los Angeles *	892,986,400	10,013,265	89
5	Denver	199,151,615	2,601,465	<u>-</u>
<u>6</u>	Sacramento	157,506,651	2,174,401	<mark>72</mark>
7.5	Phoenix	258 ,904, <u>480</u>	3, <mark>889,161</mark>	67
8	Orange County *	191,737,471	3,099,463	<u>62</u>
9	Las Vegas (exc. R&D, Flex)	94,745,559	1,976,925	48

^{*} Space not broken out by type, only by size range

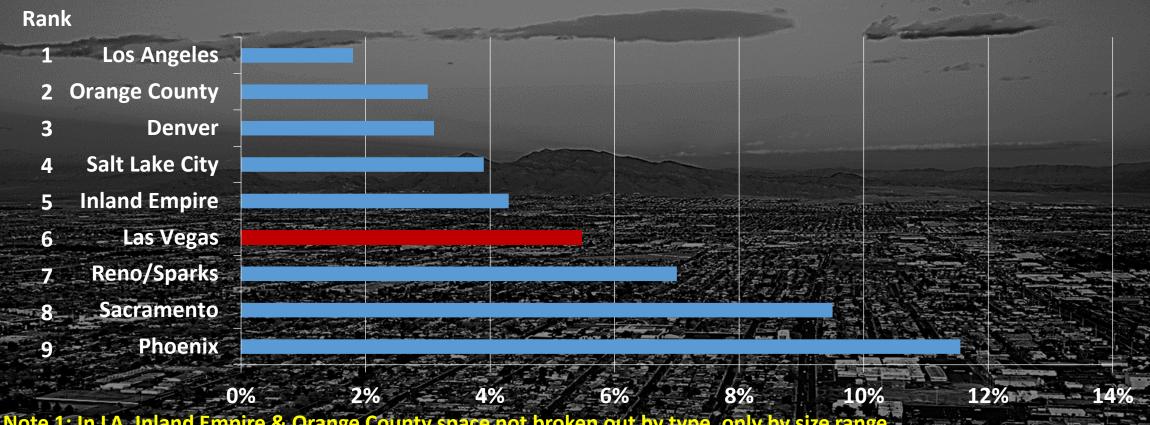
Note: Where possible, R&D & Flex space was removed the markets' total inventory, because the Study's focus

Sources: CBRE, Colliers, NGKF & RCG Economics/Lied Institute. Population as of 2013.



SELECTED METROS METRICS: Vacancy Rates

Selected Metros Industrial Market Vacancy Rates: Q2, 2015



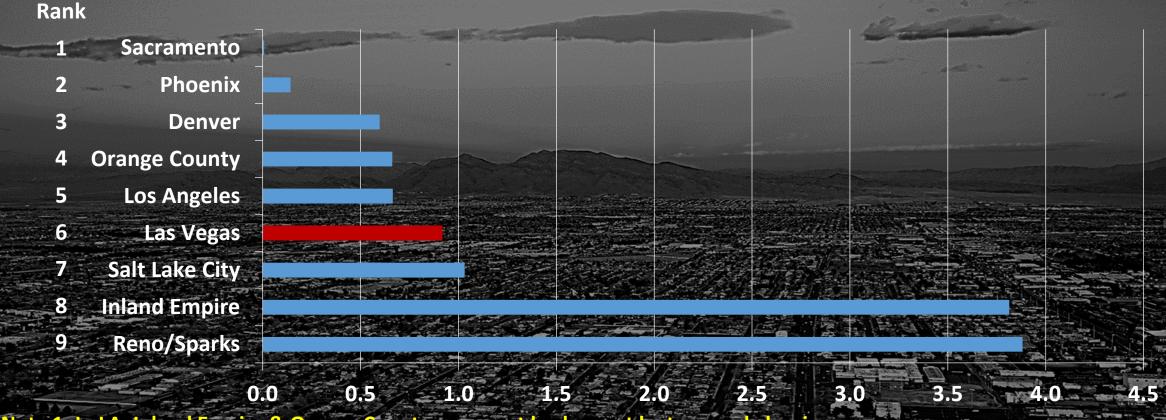
Note 1: In LA, Inland Empire & Orange County space not broken out by type, only by size range Note 2: Where possible, R&D & Flex space was removed the markets' total inventory, because the Study's focus

Sources: CBRE, Colliers, NGKF & RCG Economics/Lied Institute.



SELECTED METROS METRICS: Demand

Selected Metros Industrial Market Net S.F. Absorption Per Private Employee: Q2, 2015



Note 1: In LA, Inland Empire & Orange County space not broken out by type, only by size range

Note 2: Where possible, R&D & Flex space was removed the markets' total inventory, because the Study's focus

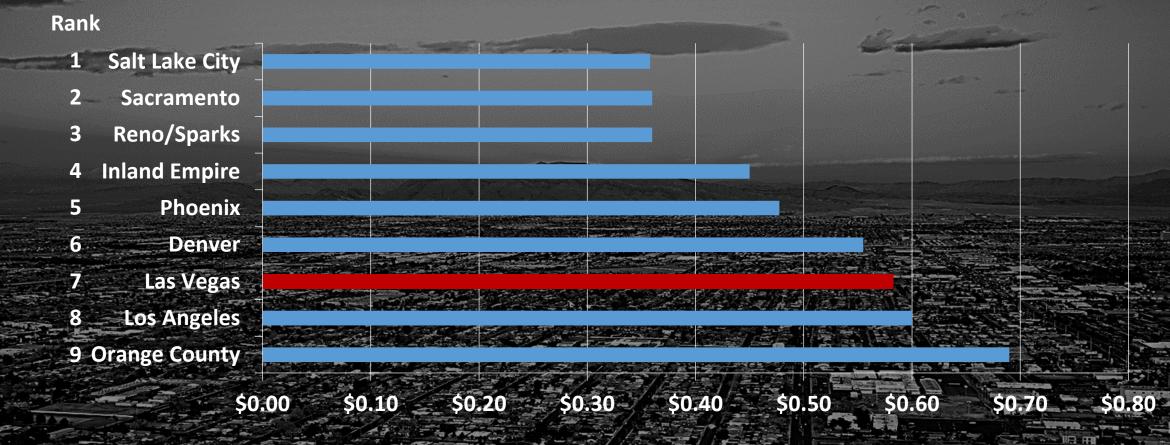
Sources: CBRE, Colliers, NGKF & RCG Economics/Lied Institute.



Part

SELECTED METROS METRICS: Rents

Selected Metros Industrial Market Average Asking Rent (NNN \$PSF/MO): Q2, 2015



Note 1: In LA, Inland Empire & Orange County space not broken out by type, only by size range

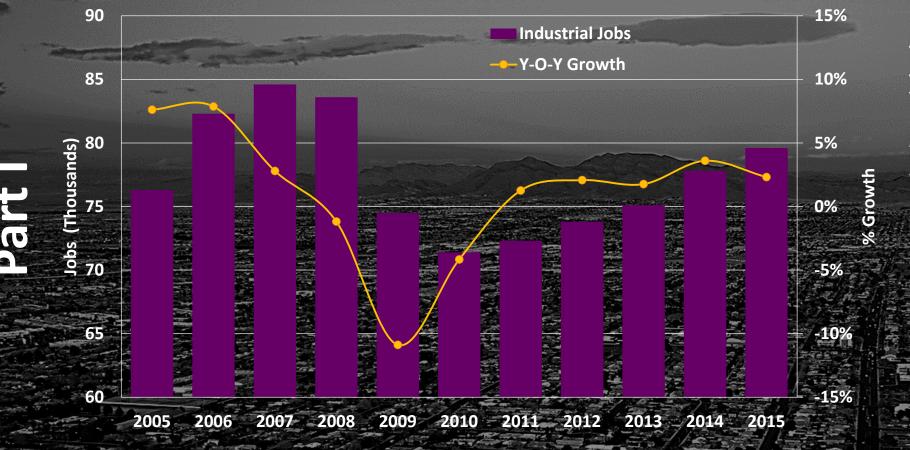
Note 2: Where possible, R&D & Flex space was removed the markets' total inventory, because the Study's focus

Sources: CBRE, Colliers, NGKF & RCG Economics/Lied Institute.



CLARK COUNTY METRICS: Industrial Jobs

Clark County Total* Industrial Jobs & Annual Growth: 2005-2015



Current IND Jobs: 134,800

Total growth since 2010: 22,300

Total % growth since 2010: 19.8%

Avg. annual since 2010: 4,460

Avg. % growth since 2010: 4.0%

*Natural resources, construction, wholesale, manufacturing, & transportation & warehousing industries.

Source: Bureau of Labor Statistics; calculated by RCG Economics.



CLARK COUNTY METRICS: Industrial Real Estate Metrics

Las Vegas Valley Industrial (Exc. R&D, Flex) Vacancy Rates, by Product: Q2, 2015

BLDG TYPE/SIZE	Vacancy (%)	
WAREHOUSE/DISTRIBUTION	5.1%	
LIGHT DISTRIBUTION	7.3%	
LIGHT INDUSTRIAL	4.9%	
LAS VEGAS MARKET TOTAL	5,5%	
ources: RCG Economics/UNLV-Lied Institute Quarterly Industrial Survey		III H

CLARK COUNTY METRICS: Industrial Real Estate Metrics

Las Vegas Valley Average Asking Industrial (Exc. R&D, Flex), by Product: Q2, 2015

BLDG TYPE/SIZE	\$PSF/MO (NNN)
WAREHOUSE/DISTRIBUTION	\$0.51
LIGHT DISTRIBUTION	\$0.57
LIGHT INDUSTRIAL	\$10.66
LAS VEGAS MARKET TOTAL	-50.58

Sources: RCG Economics/UNLV-Lied Institute Quarterly Industrial Survey.



CLARK COUNTY METRICS: Industrial Real Estate Metrics

Las Vegas Valley Absorption, by Product: Q2, 2015

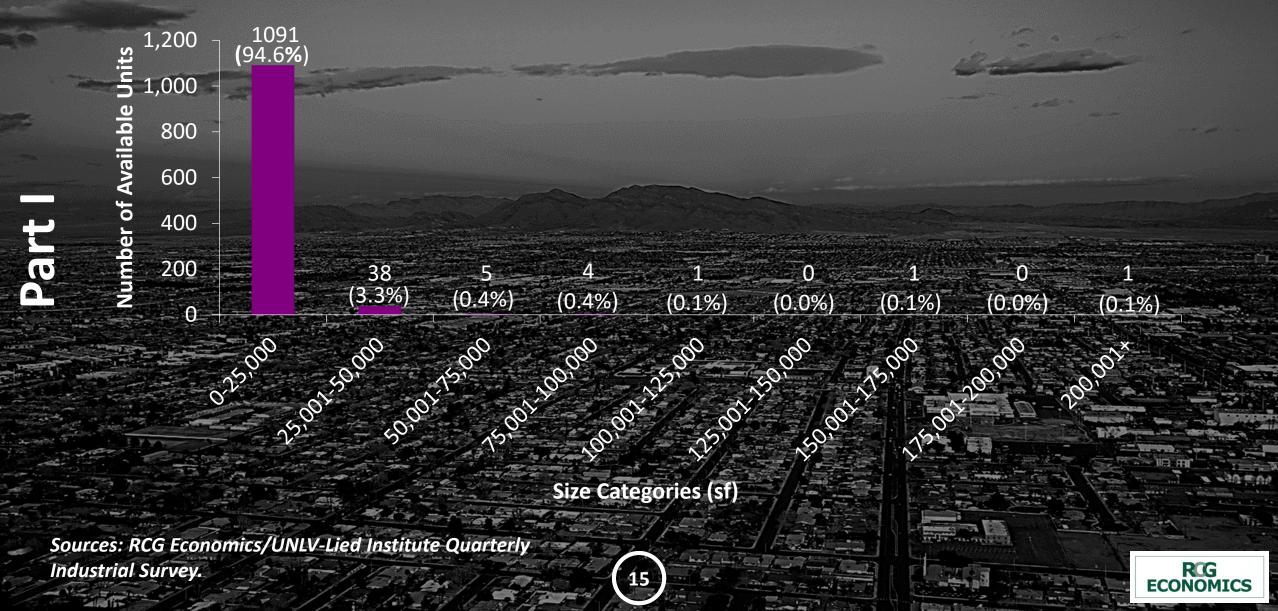
BLDG TYPE/SIZE	NET ABS. (SF)	4-QTR NET ABS. (SF)
WAREHOUSE/DISTRIBUTION	589,367	1,857,899
LIGHT DISTRIBUTION	169,274	1,123,533
LIGHT INDUSTRIAL	133,287	67/6,610=
Las Vegas Market Total	- 891,928	3,658,042

Sources: RCG Economics/UNLV-Lied Institute Quarterly Industrial Survey.



CLARK COUNTY METRICS: Space Availability

Distribution of Industrial (Exc. R&D, Flex) Available Space Units, by Size (SF) Range: Q2, 2015



RCG ECONOMICS

ANALYLITICAL APPROACH

- Purpose: Provide list & ranking of currently available Employment Opportunity Area ("EOA") lands (i.e., generally industrial) in Southern Nevada
- How done?: RCG created a database of all available lands within Las Vegas Valley
- Limitation: Lack of standardized site certification process or state authority overseeing centralized database on available lands
- Info: RCG relied on discussions & data from local Southern Nevada municipalities, regional agencies & private sector parties

Vacant parcel data obtained from:

Analysis Data Sources							
City of Henderson	Southern Nevada Water Authority ("SNWA")						
City of North Las Vegas	City of Mesquite						
Clark County	City of Boulder City						
City of Las Vegas	United States Air Force						
NV Energy	UNLV Harry Reid Research & Technology Park						

PARCEL MATRIX CREATED

RCG ECONOMICS

Matrix Data Categories

General	Utilities	Transportation Access		
APN	Electricity	Current Road Access		
Ownership	Natural Gas	Distance to Closest Interstat		
Acres	Water	Distance to Closest Highway		
Gity	Waste Water	Access to Rail		
Z oning		Distance to McCarren Airport		
Marketing Description				
Contact Info				

- Database Size: RCG collected data for over 7,000 parcels of 70+ acres in Clark County
- Note: Many parcels exurban areas; unlikely to be developed for industrial uses within 3-to-5-year window being considered
- Due to large number of vacant parcels, timeframe & need for sufficient access to amenities & utilities, RCG focused on Las Vegas Valley as the primary area for ranking EOAs
- RCG also considered large properties in "exurban activity areas" like Ivanpah, Laughlin
 Mesquite

PARCEL MATRIX CREATED, Cont.

- In Las Vegas Valley, RCG identified 190 vacant parcels with 70+ acres
- Note: Many parcels not appropriate for industrial development either due to being oddly shaped, having excessive slope (above seven percent), located near residential areas or owned by parties unlikely to allow industrial development within 3 to 5 years

ELIMINATED

- All parcels owned (& zoned) by residential developers or federal government (exception: certain parcels near Nellis Air force Base owned & potentially available by U.S. Airforce)
- All oddly shaped parcels; challenging for use for large-scale industrial projects
- RCG also attempted to filter out any parcels not currently zoned for Industrial use, with a few exceptions



FINAL EOA SET

Fitting 70+ acre, 7% or less slope criteria & assumptions above: 33 different parcels & assemblages

- 20 privately-owned
- 13 government-owned or are part of Nellis Air force Base.
- All 33 parcels & assemblages evaluated in determining Top EOAs
- 13 emerged

Method chosen: Place land areas/parcels in different categories or levels of priority.

6 Metrics were used as guidelines (not rigid rules), not necessarily limited to:

- 1. Proximity to Transportation
- 2. Proximity to Industry Clusters
- 3. Development Feasibility
- 4. Regional Competitiveness
- 5. Parcel Size & Ownership
- 6. Utility Services

RANKING METHODOLOGY

Using Metrics & other relevant factors, employment (i.e., industrial) land ranking system developed by RCG:

Employment (Industrial) Land Categorization Matrix

Factor	EL-1 Land	EL-2 Land	EL-3 Land	EL-4 Land	EL-5 Land
Overall Demand	High	High	Medium	Low-Med.	Low
Developed or Not	Developed	Not	Developed	Not	Not
Development Feasibility	Already Developed	High Feasibility	Already Developed		Not Feasible
Vacancy Rate	Low Vacancy	N/A	High Vacancy	N/A	N/A
Rents	Avg. to Above Avg.	N/A	Avg. to Below Avg.	N/A	N/A
Location Desirability	High	High	Medium 1	Medium	Low
Infrastructure & Utilities	Existing	Existing or	Existing	Short &	None
		Short-term Plans		Long-Term Plans	



SITE ANALYSIS: INDUSTRIAL DEVELOPMENT



3. TERTIARY FACTORS

- View
- Noise
- Soils

Importance Adjustment Factor: 1

Each factor ranked on a scale from -3 to 3 depending on whether site appropriate category

Total maximum score: 57

SITE ANALYSIS: INDUSTRIAL DEVELOPMENT, Cont.

Example Site Analysis Table

Part

Factor Industrial Use Slopes 3 View 0 Access 2 Floodplain 3 Abutting land uses 3	4
Slopes 3 View 0 Access 2 Floodplain 3	
View 0 Access 2 Floodplain 3	4
View 0 Access 2 Floodplain 3	
Access 2 Floodplain 3	
Floodplain 3	
	The second second
Abutting land uses 3	
Noise 0	
Utilities 3	
Soils 0	
Assessed Value	
Total Score 39	
Possible Total 57	
Rating Scale	虚型
Highly important for use	
Moderately important for use 2	
Slightly important for use	
To be determined or N/A	
Slightly negative for use -1-	
Moderately negative for use Highly negative for use -3	31



Ranks surrounding area/environs of each sites

Generally looks at surrounding area features & ranks them on a scale of 1 (poor) to 4 (excellent)

Total Score = sum of rankings for 6 factors

Maximum possible score: 24

LOCATION ANALYSIS: INDUSTRIAL DEVELOPMENT

Example Location
Analysis Table

Part

Summary of Subject Locational Analysis								
	Ratings							
	1	2	3	4	Relative			
	Poor	Avg.	Good	Excellent	Score			
Industrial Park								
Proximity to major transportation								
(particularly freeways, truck routes)			X	. et _{ang} gesenge and MAMIL et a				
Proximity to labor force	C.		X					
Neighborhood acceptance of industrial								
<mark>park</mark>				X				
Proximity to service and material				不				
suppliers			X					
Proximity to new industrial park		- An						
growth		打造		X	The same of the sa			
Public planning and zoning			1 2 3 3		PATE IN			
Total score	0	<u>.</u>	9	12	21 in			
Total Possible Score					24			



EXURBAN "TIER 2" ACTIVITY AREAS

While RCG's focus was on Las Vegas Valley, because of 3-5 year study period, sites outside Valley with strong development potential or ability to drive economic development were also considered:

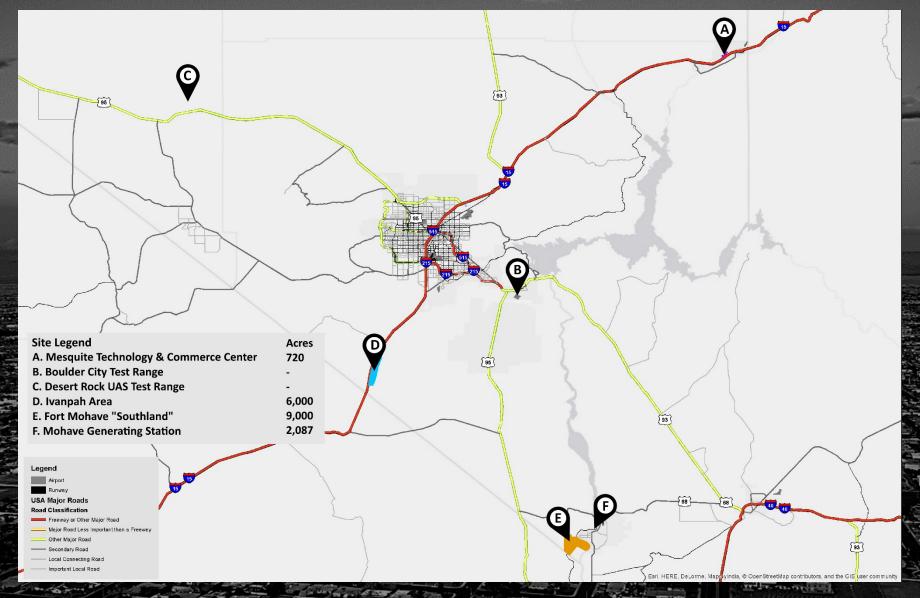
6 Exurban Locations

Location	Acres
A. Mesquite Technology & Commerce Center	720
B. Boulder City Test Range	
C. Desert Rock UAS Testing Range (Mercury, NV)	
D. Ivanpah Area (Primm, NV)	6,000
E. Fort Mojave "Southland" site (Laughlin, NV)	9,000
F. Mojave Generating Station site (Laughlin, NV)	2,087
Total Acres	17,807



100

EXURBAN "TIER 2" ACTIVITY AREAS, Cont.





TOP 13 EOAS OVERVIEW

RCG identified 13 "top" EOAs, 11 are privately-owned & 2 are publicly-owned

Top 13 EOAs presented from highest to lowest rank, based on blended average of site & location analyses

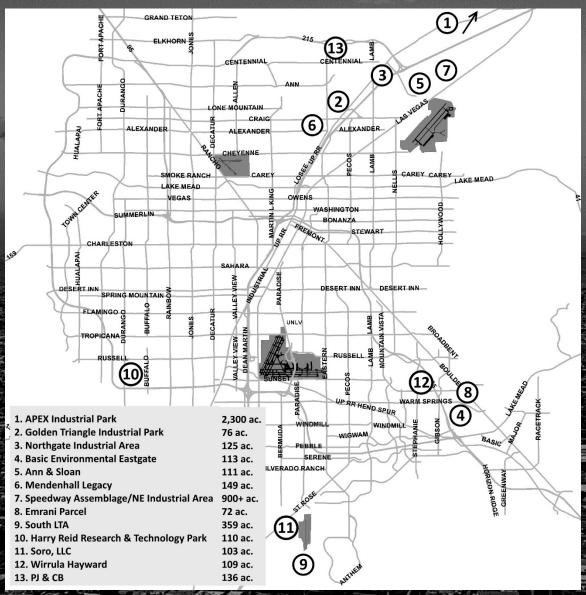
Sites identified as privately ("PR") or publicly ("PU") owned followed by relative rank

#	Economic Opportunity Areas	Acres
1	PR-1: APEX (Kapex) Industrial Park-Rank: 1	2,300
2	PR-2: Golden Triangle Industrial Park-Rank: 2	76
3	PR-3: Northgate Industrial Area-Rank: 3	125
4	PR-4: Basic Environmental Eastgate-Rank: 4 (tie)	-118
5	PR-5: Ann & Sloan-Rank: 4 (tie)	111
<u>6</u>	PR-6: Mendenhall Legacy-Rank: 6	149
<mark>7</mark>	PR-7: Speedway Assemblage/Northeast Industrial Area-Rank: 7	<mark>906+</mark>
8	PR-8: Emrani Parcel-Rank: 8	72
9	PU-1: South LTA-Rank: 9 (tie)	359
10	PU-2: Harry Reid Research & Technology Park-Rank: 9 (tie)	110
11	PR-9: Soro, LLC-Rank: 11	103
12	PR-10: Wirrula Hayward, LLC-Rank: 12	109
13	PR-11: PJ & CB-Rank: 13	136
	Total Acres	4,663+



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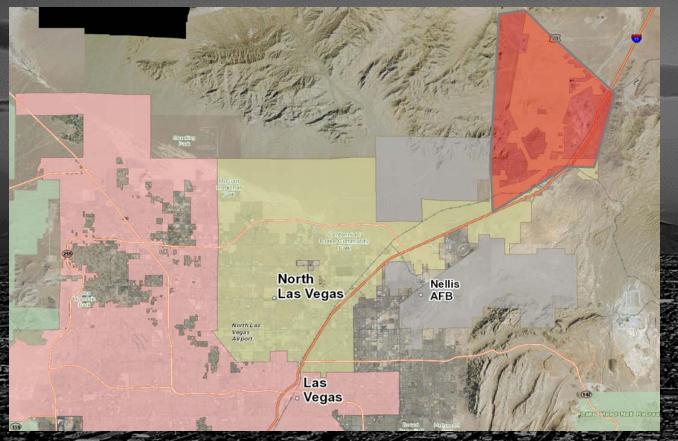
TOP 13 EOAS OVERVIEW, Cont.





SAMPLE EOA

PR-1: APEX Industrial Park-Rank: 1



*These figures represent a sample of the total area. A sample was chosen because of Apex area's size (20,000+ acres), and the multiple owners comprising. The sample consists of the sum of the parcels owned by APEX Holdings, LLC.

Source: Clark County Assessor.

Acres*	Assessed Value*	\$/acre*	Jurisdiction	Zoning	Slope Flood Zone	Electricity	Gas Water	Waste Time to Water Interstate	Time to Time to Highway McCarran
2,300	\$4,198,850	\$1,824	North Las Vegas	M-2	Varies No	7 Yes ,	Yes Yes	Yes 5 minutes	5 30+ minutes minutes



SAMPLE EOA, Cont.

Site Analysis for Alternati	ive Uses				
Impact on Industrial	Use				
Factor	Industrial				
Slopes	<u>3</u>				
View	0				
Access	2				
Floodplain	<u>3</u>				
Abutting land uses	<u>3</u>				
Noise	0				
Utilities	3				
Soils	0 - (**)				
Assessed Value	1				
Total Score	- <mark>39</mark>				
Possible Total	57 /				
Rating Scale					
Highly important for use	3				
Moderately important for use	2				
Slightly important for use	1				
To be determined or N/A	0				
Slightly negative for use	<u>-1</u>				
Moderately negative for use	<mark>-2</mark>				
Highly negative for use	-3				

Summary of Subject Locational Analysis										
	Ratings									
	1	2	3	4	Relative					
	Poor	Avg.	Good	Excellent	Score					
Industrial Park	Sam.	all to								
Proximity to major transportation (particularly										
freeways, truck routes)		. 49	X							
Proximity to labor force	e a les		X							
Neighborhood acceptance of industrial park				X						
Proximity to service and material suppliers			X							
Proximity to new industrial park growth				X						
Public planning and zoning				X						
Total score	0	0	9	12	21					
Total Possible Score			Jane Brazilia	er Proposition of the August Stand	24					

This property received a ranking of 79% (45 out of a possible 57) on "Site Analysis" and a 92% (22 out of a possible 24) for "Locational Analysis", giving it a combined average of 86% on RCGs site ranking scale. Given the location and site specifics of the property, as well as the available knowledge of slopes and utilities, APEX Industrial Park ranks #1 of the EOA sites at this time.

APEX is situated approximately 13 miles northeast of Las Vegas and falls under North Las Vegas' jurisdiction. The recent announcement of Faraday Future's Economic Development Agreement with the State of Nevada has authorized the creation of gas and water infrastructure necessary for industrial development to begin in the area. The park is not located within a flood zone and the slope varies across this vast property. The assessed value per acre is significantly lower than the countywide average for industrial lands (\$44,967); and it is located in close proximity to major transportation infrastructure making it easily accessible for trade routes, as well as the labor force.

Overall, the APEX area totals over 20,000 acres, which is split between multiple owners including: Las Vegas Paving Corp., APEX Holdings LLC, USA Federal Government, FNBN KAPEX LLC, North Industrial IX LLC, Nevada Power Company, among others.



RCG ECONOMICS

SO. NEVADA ZONING CODES & GOED TARGET OPPORTUNITIES

Jurisdiction	Zoning Category	Tourism, Gaming Entertainment	Health and Medical Services	Business IT Ecosystems	Clean Energy		Mining, Materials, and Manufacturing	Logistics and Operations				Aerospace and Defense	
		Gaming Manufacturing	Medical Manufacturing	Data Centers	Renewable Component Manufacturing	Energy Transfer (renewable energy generation)	Manufacture of advanced composite materials	Warehousing/ Distribution	Air Cargo	Food Processing	Assembly Manufacturing	UAV assembly/ testing	Maintenance/ Repair of Aircraft
Boulder City				and the second	The Arthurst State	The English States	1. Table 1. Table 1.				4.3	Jan Barrell	Comments and the second
	Light Industrial			* * *		Annual Color		Station and the	/	✓	/ 600 €		**
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15/4821 C	Economic Development*			and a second	*			*Page 1466			Company # 40 (1898)	Company (SAMS)	
Mesquite		* allowed through spe	cial review			And the second							
	Commercial-General (cr-2)										23 (28 Y 28) 33		
	Industrial-Light (IR-1)	✓	✓	/	✓	/		✓		The state of the s		/	1.00 99916.58
	Industrial-Heavy (IR-2)		✓	✓	✓				1000000	<u>/</u>	V and the	/	✓
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3/28/46 (SW2) (22-12)		* coaeneration only						100000000000000000000000000000000000000	20000000				
Clark County									0.000				
	Designed Manu. (M-D)	✓	STREET, WILLIAM STREET, STREET		✓	ROBERT STATE	GERMENT CONTRACTOR		and the state of t		one status com Viter to William Service	✓	√
	Light Manu. (M-1)	✓	✓			Salah Sa	Commence of the Commence of		- 10 V	✓	✓	✓	✓
Contractor State Contractor Children	Industrial (M-2)					✓	/	✓	/			✓	and the second
	Open Space (O-S)								✓			015 w (2.55 to 1)	
Las Vegas												SANCTINE STOLES	
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the state of the s	Industrial (M)			2500 S 10 (10 C)	/							/	200
Section 1		* Not specifically men	tioned, but it can be	assumed this use	falls under "Commer	cial, Other than Listed"							
North Las Vegas		T	Section For		A STATE OF THE PARTY OF THE PAR	TO COMPANY OF THE PARTY OF THE	The state of the s	VALUE OF THE SAME	100				
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Checkmark (" \checkmark ") indicates specific jurisdiction permits target industry in top row within particular zoning category.

"C" indicates industry is permitted within zoning category, but it's conditional on criteria covered in a jurisdiction's land use plan

Blank space indicates that whether industrial use is permitted or prohibited is NOT explicitly stated in jurisdiction's land use plan & regulations



NEXT STEPS

- 1. Provide feedback to BLM on its Resource Management Plan
- 2. Engineering & environmental work
- 3. Infrastructure needs assessment
- 4. Understand land pricing trends
- 5. Workforce skills & needs analysis
- 6. Continue coordination between economic development organizations & commercial real estate industry
- 7. Establish online EOA "atlas"/directory
- 8. Other





