

# **UPDATE ON THE REALLOCATION OF INMATES FOR THE PURPOSES OF REDISTRICTING PURSUANT TO AB450 (2019)**

## **COMMITTEE TO CONDUCT AN INVESTIGATION INTO MATTERS RELATING TO REAPPORTIONMENT AND REDISTRICTING IN NEVADA**

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# PROVISIONS OF AB450 (2019)

Duty imposed on Director of Department of Corrections to:

1. Compile last known residential address of each offender immediately before sentencing to imprisonment in facility or institution of Department (sec. 6, sub. 11; NRS 209.131)
2. Provide all available information to State Demographer (sec. 9, sub. 2; NRS 360.288)

Duty imposed on State Demographer to revise population counts as reported by Census to reallocate inmates who were Nevada residents before incarceration to the location at which inmate was resident before incarceration (sec. 9, NRS 360.288)

Duty imposed on State Legislature to use Census blocks, block groups and tracts, as revised by State Demographer, as basis for:

1. Legislative districts (sec. 3; NRS 218B.105)
2. Congressional districts (sec. 7; NRS 304.065)
3. Districts for Board of Regents of University of Nevada (sec. 10; NRS 396.0414)

Effective July 1, 2019

# INMATE FILES

NEVADA DEPT OF CORRECTIONS PROVIDED 3 DATA FILES:

## **February 12, 2021**

- 12,214 inmate records received
- 7,501 contained last known address data (4,713 did not)
- 5,500 addresses with potential to be located via geocoding

## **July 1, 2021**

- 1,672 records received (no new inmates)
- 697 included supplemental address data not previously provided

## **July 28, 2021**

- 973 records received (no new inmates)
- 643 with in-state last known addresses
- 287 with identifiable in-state parole addresses

## **July 30, 2021**

- Deadline to allow time for data processing

# ADDRESS TYPES

- “Previous address”—where inmate lived before arrest
- “No fixed address”—inmate did not have set address or lived with roommates temporarily or it is the address of a relative (prior to incarceration)
- “Planned parole address”—where the inmate intends to live during parole
- “Resident address”—recorded when inmate’s spouse or family has moved from previous address

# ADDRESS ORDER OF PRECEDENCE

- “Previous address”—where inmate lived before arrest

**Used if able to locate**

- “No fixed address”—inmate did not have set address or lived with roommates temporarily or it is the address of a relative (from before incarceration)

**Used if unable to locate previous address**

- “Planned parole address”—where the inmate intends to live during parole

**Used if unable to locate previous address or no fixed address AND previous address is indicated to be in-state**

- “Resident address”—recorded when inmate’s spouse or family has moved from previous address

**Not used since inmate did not live at location**

# IN-STATE VS. OUT-OF-STATE

- If the “previous address” or “no fixed address” indicated an in-state location but could not be specifically found (city name, zip code, PO box), the valid in-state parole address was used for reallocation
- Inmate records with no identifiable in-state location prior to incarceration were kept at the correctional facility where they were counted and not reallocated
- Statute provides no clarification as to whether “out-of-state” inmates should be kept in the count at the correctional facility or excluded from the count entirely

# FUTURE RECOMMENDATIONS

- Resolve data quality issues
- Clarify order of precedence
- Guidance on keeping unallocated inmates at correctional facility or excluding from count entirely

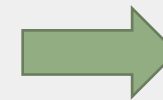
# GEOCODING INMATE ADDRESS DATA

- Geocoding: the process of turning address data into coordinate points.
- Geocoding determines which census blocks inmates are added to and subtracted from (NDOC facilities are geocoded, too).
- The U.S. Census Bureau provides a free geocoder for public use (<https://geocoding.geo.census.gov/geocoder/locations/addressbatch?form>). GIS software also contains geocoding tools.
- Reasons addresses may not geocode:
  - Incomplete address (i.e. missing zip code or street number)
    - In many cases, inmate addresses included just the county name and state
  - Address errors (i.e. incorrect zip code or street number, typo in street name)
  - Non-geocodable address types, including P.O. boxes and often commercial buildings
  - Address formatting errors (i.e. line breaks, extra or missing spaces)



# FINAL REALLOCATION COUNT

Out-of-Jurisdiction:		Count	Percent
	Out-of-State	860	7.0%
	Out-of-Facility	34	0.3%
	<b>Subtotal:</b>	<b>894</b>	<b>7.3%</b>
Unknown Addresses:			
	No Valid Address:	2,927	24.0%
	Valid Parole Address:	1,399	11.5%
	<b>Subtotal:</b>	<b>4,326</b>	<b>35.4%</b>
In-State Addresses:			
	<b>Valid Address (geocoded):</b>	<b>5,592</b>	<b>45.8%</b>
	<b>Valid Parole Address:</b>	<b>683</b>	<b>5.6%</b>
	Unknown Address:	719	5.9%
	<b>Subtotal:</b>	<b>6,994</b>	<b>57.3%</b>
<b>Total records received from NDOC:</b>		<b>12,214</b>	<b>100.0%</b>



Total Inmates  
Reallocated:  
**6,275 (51.5%)**

# IMPACT OF REALLOCATION ON CURRENT DISTRICTS

## 2011 CONGRESSIONAL DISTRICTS

District	Census	Adjusted	Change	% Change
1	702,822	705,218	2,396	0.34%
2	758,820	758,078	-742	-0.10%
3	855,528	856,312	784	0.09%
4	787,444	785,006	-2,438	-0.31%
<b>Total</b>	<b>3,104,614</b>	<b>3,104,614</b>		

## 2011 BOARD OF REGENTS

District	Census	Adjusted	Change	% Change
1	251,635	251,940	305	0.12%
2	217,978	218,636	658	0.30%
3	227,462	227,862	400	0.18%
4	217,711	218,546	835	0.38%
5	211,530	212,434	904	0.43%
6	288,377	288,653	276	0.10%
7	216,889	217,248	359	0.17%
8	252,075	248,409	-3,666	-1.45%
9	221,933	221,377	-556	-0.25%
10	238,943	239,300	357	0.15%
11	240,265	239,853	-412	-0.17%
12	237,065	237,483	418	0.18%
13	282,751	282,873	122	0.04%
<b>Total</b>	<b>3,104,614</b>	<b>3,104,614</b>		

## 2011 SENATE DISTRICTS

District	Census	Adjusted	Change	% Change
1	165,542	165,273	-269	-0.16%
2	128,419	128,991	572	0.45%
3	132,412	132,908	496	0.37%
4	141,147	141,944	797	0.56%
5	134,488	134,703	215	0.16%
6	134,456	134,712	256	0.19%
7	143,026	143,401	375	0.26%
8	135,709	135,883	174	0.13%
9	204,521	204,699	178	0.09%
10	137,808	138,471	663	0.48%
11	145,009	145,094	85	0.06%
12	159,061	159,250	189	0.12%
13	143,585	143,967	382	0.27%
14	144,479	143,849	-630	-0.44%
15	144,172	144,284	112	0.08%
16	150,730	150,097	-633	-0.42%
17	138,343	138,438	95	0.07%
18	154,030	154,211	181	0.12%
19	158,787	154,983	-3,804	-2.40%
20	161,487	161,623	136	0.08%
21	147,403	147,833	430	0.29%
<b>Total</b>	<b>3,104,614</b>	<b>3,104,614</b>		

# IMPACT OF REALLOCATION ON CURRENT DISTRICTS

## 2011 ASSEMBLY DISTRICTS

District	Census	Adjusted	Change	% Change
1	78,671	78,788	117	0.15%
2	69,552	69,592	40	0.06%
3	67,382	67,643	261	0.39%
4	82,747	82,851	104	0.13%
5	66,157	66,291	134	0.20%
6	69,404	69,927	523	0.75%
7	71,743	72,017	274	0.38%
8	80,629	80,584	-45	-0.06%
9	99,766	99,874	108	0.11%
10	65,030	65,265	235	0.36%
11	60,829	61,135	306	0.50%
12	81,845	82,029	184	0.22%
13	71,283	71,360	77	0.11%
14	65,558	65,804	246	0.38%
15	69,581	69,870	289	0.42%
16	68,227	68,601	374	0.55%
17	86,871	86,485	-386	-0.44%
18	75,561	75,766	205	0.27%
19	77,399	77,527	128	0.17%
20	67,465	67,635	170	0.25%
21	60,849	60,925	76	0.12%

22	76,512	76,553	41	0.05%
23	81,662	81,723	61	0.07%
24	69,813	70,098	285	0.41%
25	74,233	74,267	34	0.05%
26	79,930	79,959	29	0.04%
27	69,939	70,017	78	0.11%
28	67,590	67,856	266	0.39%
29	73,639	73,778	139	0.19%
30	73,772	73,869	97	0.13%
31	76,222	76,268	46	0.06%
32	68,257	67,581	-676	-0.99%
33	67,861	67,193	-668	-0.98%
34	67,878	68,040	162	0.24%
35	104,755	104,825	70	0.07%
36	90,926	87,790	-3,136	-3.45%
37	66,578	66,672	94	0.14%
38	69,274	69,335	61	0.09%
39	69,069	69,103	34	0.05%
40	70,800	70,138	-662	-0.94%
41	84,975	85,070	95	0.11%
42	64,380	64,510	130	0.20%
<b>Total</b>	<b>3,104,614</b>	<b>3,104,614</b>		

# IMPACT OF REALLOCATION ON COUNTIES

County	Census	Adjusted	Change	% Change
Carson City	58,639	57,973	-666	-1.14%
Churchill	25,516	25,541	25	0.10%
Clark	2,265,461	2,266,639	1,178	0.05%
Douglas	49,488	49,512	24	0.05%
Elko	53,702	53,602	-100	-0.19%
Esmeralda	729	729	0	0.00%
Eureka	1,855	1,858	3	0.16%
Humboldt	17,285	17,266	-19	-0.11%
Lander	5,734	5,741	7	0.12%
Lincoln	4,499	4,377	-122	-2.71%
Lyon	59,235	59,277	42	0.07%
Mineral	4,554	4,560	6	0.13%
Nye	51,591	51,711	120	0.23%
Pershing	6,650	6,006	-644	-9.68%
Storey	4,104	4,108	4	0.10%
Washoe	486,492	487,083	591	0.12%
White Pine	9,080	8,631	-449	-4.94%
<b>Total</b>	<b>3,104,614</b>	<b>3,104,614</b>		

# ADJUSTED POPULATION DATASET

- The adjusted numbers are automatically displayed as the total population numbers in the desktop redistricting software and public redistricting application, *MyDistricting Nevada*.
- Available for download as a standalone dataset (Excel format) on the Legislature's redistricting website:

<https://www.leg.state.nv.us/Division/Research/Districts/Reapp/2021/district-plans#districts-proposed>

- Only the **total population** field was adjusted due to the reallocation and no other Census data fields, including any race, Hispanic or Latino, or voting age population fields were adjusted.

**QUESTIONS?**