QA:NA

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To: Memo to File: REMI outputs for Nye County using Wage Information from Wilbur Smith 2007 Shared Use Report

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This memo contains the outputs from the REMI *Policy Insight* model (v. 9.0) showing the population impacts of increased wages (compensation) developed in "Rail Transportation Economic Impact Evaluation and Planning Study for the Caliente and Mina Corridors," prepared by Wilbur Smith Associates for the Nuclear Repository Project Office, Nye County, Nevada.

The memo also contains the inputs for the model.

Population Changes in Nye County Using Outputs from Wilbur Smith 2007 Shared Use Report

Inputs - Caiente route

Note: I used the wages in the Shared Use report (DIRS 185244), Table 22 for Caliente and Table 25 for Mina
Start with operational period of 2015.
Inputs- Caliente Route

Variable	Detail	Units	PV Number	2005	2006	2007	2008	2009
Nye County								
Residence Adjustment (amount)	Commuter Income	2006 Fixed National $ (M)	32	0	0	0	0	0
Lincoln County								
Residence Adjustment (amount)	Commuter Income	2006 Fixed National $ (M)	32	0	0	0	0	0

Note: I used the wages in the Shared Use report, Table 22. The model asks for different base dates, 2006 constant national dollars being one.
would be slightly smaller if I converted to 2007 dollars. If I took the dollar inputs, assumed them to be 2007 constant dollars,
then I would have to convert to 2006 dollars as an input, which would be slightly smaller with slightly smaller outputs.

Outputs

Nye County	2005	2006	2007	2008	2009
Total Emp (Thous)	0	0	0	0	0
Population (Thous)	0	0	0	0	0
Pop in Persons	0	0	0	0	0
Projected for EIS			45,737	47,875	49,948
Pop in Persons x 150%	0	0	0	0	0

Inputs - Mina route

Variable	Detail	Units	PV Number	2005	2006	2007	2008	2009
Nye County								
Residence Adjustment (amount)	Commuter Income	2006 Fixed National $ (M)	32	0	0	0	0	0

Outputs

Nye County	2005	2006	2007	2008	2009
Total Emp (Thous)	0	0	0	0	0
Population (Thous)	0	0	0	0	0
Pop in Persons	0	0	0	0	0
Projected for EIS			45,737	47,875	49,948
Pop in Persons x 150%	0	0	0	0	0

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
0	0	0	0	0	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229
0	0	0	0	0	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
0	0	0	0	0	0.04631	0.05065	0.05196	0.05162	0.05055	0.04929	0.04812	0.0472	0.04659	0.04622	0.0461
0	0	0	0	0	0.07334	0.1374	0.1947	0.2452	0.2892	0.3277	0.3613	0.3905	0.4158	0.4378	0.4567
0	0	0	0	0	73	137	195	245	289	328	361	391	416	438	457
51,971	53,908	55,762	57,533	59,210	60,803	62,323	63,782	65,161	66,467	67,707	68,888	70,020	71,107	72,148	
0	0	0	0	0	110	206	292	368	434	492	542	586	624	657	685

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
0	0	0	0	0	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
0	0	0	0	0	0.03828	0.04181	0.04295	0.04279	0.04205	0.04115	0.0403	0.03964	0.03919	0.03893	0.03884
0	0	0	0	0	0.05515	0.1035	0.1467	0.1849	0.2182	0.2474	0.2729	0.2951	0.3144	0.3311	0.3456
0	0	0	0	0	55	104	147	185	218	247	273	295	314	331	346
51,971	53,908	55,762	57,533	59,210	60,803	62,323	63,782	65,161	66,467	67,707	68,888	70,020	71,107	72,148	
0	0	0	0	0	83	155	220	277	327	371	409	443	472	497	518

2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229
0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261

2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
0.0462	0.04648	0.04695	0.04757	0.04823	0.049	0.0498	0.05066	0.05158	0.05248	0.05344	0.05448	0.05556	0.0567	0.05782	0.05897
0.473	0.487	0.499	0.5092	0.5177	0.5248	0.5307	0.5357	0.5398	0.5432	0.5459	0.5483	0.5504	0.5522	0.5539	0.5555
473	487	499	509	518	525	531	536	540	543	546	548	550	552	554	556
710	731	749	764	777	787	796	804	810	815	819	822	826	828	831	833

2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721

0.03892	0.03913	0.03948	0.03994	0.04044	0.04101	0.0416	0.04224	0.04292	0.04359	0.04431	0.04509	0.04591	0.04678	0.04764	0.04851
0.358	0.3687	0.3778	0.3856	0.3921	0.3976	0.4021	0.4059	0.4091	0.4117	0.4138	0.4156	0.4172	0.4187	0.42	0.4213
358	369	378	386	392	398	402	406	409	412	414	416	417	419	420	421
537	553	567	578	588	596	603	609	614	618	621	623	626	628	630	632

2042	2043	2044	2045	2046	2047	2048	2049	2050
10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229	10.29229
0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261	0.89261

2042	2043	2044	2045	2046	2047	2048	2049	2050
0.06011	0.06122	0.06231	0.06338	0.06444	0.0655	0.06658	0.06767	0.06875
0.5572	0.5589	0.5608	0.5629	0.5651	0.5676	0.5703	0.5734	0.5768
557	559	561	563	565	568	570	573	577
836	838	841	844	848	851	855	860	865

2042	2043	2044	2045	2046	2047	2048	2049	2050
7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721	7.572721
0.04938	0.05023	0.05107	0.05189	0.05271	0.05352	0.05436	0.05521	0.05605
0.4226	0.4239	0.4254	0.427	0.4288	0.4307	0.4329	0.4353	0.4379
423	424	425	427	429	431	433	435	438
634	636	638	641	643	646	649	653	657