

**Table 13**

**Spearman Correlation of Air Pollution Factors with Demographic and Residential Factors**

	<i>Reduction in Visibility</i>			<i>Air Pollution from Motor Vehicles</i>			<i>Air Pollution from Construction</i>			<i>Dust Pollution</i>			<i>Materials Causing Allergies</i>		
	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro
<b>Residential Factors</b>															
Born/Moved to Las Vegas as an Adult	.057	.088	.081	.098	.037	.066	.121	.033	.073	.093	.063	.077	.023	.018	.023
Years of residence	.120	.146**	.134**	-.013	.073	.039	.014	.011	.009	-.023	-.032	-.030	.020	.035	.026
Size of City of Origin	-.204**	-.114	-.149**	-.119	-.041	-.070	-.061	-.050	-.055	-.056	.014	-.015	-.072	.005	-.026
Home owning Status	-.044	-.057	-.053	-.081	-.033	-.057	-.019	-.016	-.021	-.010	.005	-.006	-.049	.012	-.018
No. in Household	-.074	.034	-.012	.043	.044	.039	.000	.013	.004	.003	.044	.025	.081	.109*	.095*
<b>Demographic Characteristics</b>															
Age	.133*	.140*	.141***	.103	.165*	.143***	.067	.111*	.096*	.126	.112*	.118**	.078	.112*	.098*
Marital Status	.044	.106	.084*	.054	.059	.060	.007	.065	.046	.047	.105	.084*	-.010*	.152**	.088
Party Affiliation	-.055	.013	-.014	-.110	-.058	-.079	-.021	-.024	-.025	-.059	-.029	-.044	-.049	-.004	-.026
Education Level	-.092	.010	-.031	-.119	-.009	-.055	-.003	-.062	-.042	-.189**	-.050	-.107*	-.180**	-.066	-.116**
Ethnicity	.106	.042	.069	.121	.039	.073	.095	.034	.059	.107	.139*	.125**	.038	.157**	.111**
Income	-.182*	-.080	-.120**	-.122	-.043	-.076	-.060	-.120*	-.101*	-.124	-.157**	-.150***	-.078	-.128*	-.115*
Gender	.086	.084	.089*	.207**	.063	.121**	.099	.126*	.116**	.109	.110*	.111**	.115	.173**	.151***

\*\*\* P < .001 \*\* P < .01 \* P < .05

**Table 14**

**Spearman Correlation of Water Factors with Demographic and Residential Factors**

	<i>Drinking Water Quality</i>			<i>Groundwater Depletion</i>			<i>Pollution LV Wash/Lake Mead</i>			<i>Recreation at Lake Mead</i>		
	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro
<b>Residential Factors</b>												
Born/Moved to Las Vegas as an Adult	.051	.076	.067	.036	.031	.038	-.076	.017	-.019	.002	.053	.025
Years of Residence in Las Vegas	-.159*	-.087	-.117**	.015	.047	.035	-.016	-.043	-.032	-.004	-.049	-.029
Size of City of Origin	-.137	-.079	-.102*	-.045	-.014	-.026	-.080	-.047	-.060	-.184*	-.052	-.104*
Home Owning Status	-.034	-.123*	-.091*	-.064	-.117*	-.098*	-.090	-.115*	-.109**	-.036	-.066	-.051
Number of Household Residents	.046	.110*	.083*	-.052	.002	-.021	.059	.006	.022	.053	.029	.041
<b>Demographics Factors</b>												
Age	-.106	-.123*	-.114**	.047	.092	.077	-.083	.103	.030	.039	.106	.074
Marital Status	.056	.003	.025	-.017	.062	.036	-.043	.044	.015	.023	.067	.046
Party Affiliation	.011	-.062	-.032	-.059	-.001	-.024	.009	-.008	-.002	.090	.098	.092*
Education Level	.027	.048	.035	.085	.025	.044	-.078	-.020	-.050	-.146*	-.044	-.086*
Ethnicity	.162*	.206***	.189***	.004	.125*	.080	.160*	.083	.114**	.149*	.064	.097*
Income	.051	-.094	-.046	-.025	-.091	-.071	-.078	-.117*	-.113*	-.076	-.083	-.078
Gender	.078	.126*	.107*	.064	.087	.081	.058	.077	.070	.086	.085	.081

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**Table 15**

**Spearman Correlation of Health Factors with Demographic and Residential Factors**

	<i>Asthma</i>			<i>Bronchitis</i>			<i>Allergies</i>			<i>Cardiopulmonary Disease</i>			<i>Cardiovascular Disease</i>			<i>Skin Cancer</i>		
	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro
<b>Residential Factors</b>																		
Born/Moved to Las Vegas as an Adult	.138*	.040	.082	-.038	.098	.039	.116	.020	.055	-.011	-.004	-.007	-.058	-.004	-.028	-.011	-.007	-.008
Years of Residence in Las Vegas	-.046	-.014	-.029	-.017	-.055	-.041	-.124	-.017	-.056	-.189**	-.030	-.090*	-.135*	-.081	-.103*	.023	-.087	-.043
Size of City of Origin	-.078	-.048	-.061	-.013	-.064	-.045	.030	-.092	-.045	.071	.023	.041	.157*	.010	.074	.098	.047	.067
Home Owning Status	.002	-.017	-.015	.001	.073	.041	-.123	-.005	-.055	-.110	-.040	-.067	-.168*	-.110*	-.134**	-.057	-.074	-.066
Number of Household Residents	-.134*	-.264***	-.217***	-.062	-.169**	-.127**	-.212***	-.168**	-.183***	-.005	.038	.022	.038	-.055	-.015	.078	.025	-.013
<b>Demographic Factors</b>																		
Age	.112	.055	.077	-.048	-.027	-.039	.059	.087	.071	-.190**	-.207***	-.200***	-.242***	-.213***	-.224***	-.082	-.214***	-.160***
Marital Status	-.036	-.084	-.061	-.065	-.095	-.085*	-.081	-.147**	-.124**	-.098	-.124*	-.114**	-.192**	-.104	-.141***	-.025	-.080	-.058
Party Affiliation	-.070	.066	.007	-.043	-.028	-.035	.010	.037	.022	.041	-.014	.010	.061	-.074	-.010	.046	.007	.023
Education Level	.073	-.078	-.025	.021	.003	.007	.030	-.050	-.020	.075	-.023	.017	-.002	-.027	-.013	.129	-.117*	-.019
Ethnicity	-.076	-.030	-.046	.106	-.048	.010	-.001	-.051	-.032	.072	.032	.047	-.013	-.002	-.007	.116	.005	.047
Income	.066	-.012	.001	-.121	.034	-.029	-.079	-.022	-.047	.114	.034	.059	.049	.060	.055	-.064	-.011	-.033
Gender	-.200**	-.142**	-.162***	-.230***	-.159**	-.189***	-.071	-.211***	-.157***	.092	-.025	.021	-.002	.023	.012	-.073	-.123*	-.102*

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**Table 16**  
**Spearman Correlation of Air Pollution Concerns by Health Conditions**

	<i>Reduction in Visibility</i>			<i>Air Pollution From Motor Vehicles</i>			<i>Air Pollution From Construction</i>			<i>Dust Pollution</i>			<i>Materials Causing Allergy</i>		
	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro
<b>Asthma</b>	.010	-.032	-.011	-.118	-.056	-.071	-.053	-.040	-.038	-.016	-.033	-.020	-.087	-.151**	-.117**
<b>Bronchitis</b>	-.141*	-.108*	-.122**	-.194**	-.094	-.131**	-.150*	-.059	-.093*	-.119	-.058	-.080	-.148*	-.154**	-.151***
<b>Allergies</b>	-.046	.031	-.005	.041	.057	.047	.009	.030	.019	.009	.022	.015	-.144*	-.262***	-.214***
<b>Cardiopulmonary Disease</b>	-.020	-.139*	-.093*	-.048	-.017	-.030	-.129	-.063	-.090*	.006	-.078	-.046	-.071	-.074	-.073
<b>Cardiovascular Disease</b>	-.086	-.039	-.060	-.133*	.063	-.022	-.160*	.017	-.060	-.128	-.151**	-.141***	-.153*	-.068	-.106*
<b>Skin Cancer</b>	-.078	-.030	-.050	-.055	-.050	-.053	.007	-.027	-.014	.049	-.010	.012	-.077	-.044	-.057

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**Table 17**  
**Spearman Correlation of Water Quality Concerns by Health Conditions**

	<i>Drinking Water Quality</i>			<i>Groundwater Depletion</i>			<i>Pollution of Las Vegas Wash</i>			<i>Recreation at Lake Mead</i>		
	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro	Valley	City	Metro
<b>Asthma</b>	-.085	-.030	-.044	-.054	-.054	-.048	-.092	-.084	-.077	-.073	.044	-.007
<b>Bronchitis</b>	-.113	-.134*	-.124**	-.101	-.123*	-.115**	-.043	-.140**	-.103*	-.036	-.027	-.027
<b>Allergies</b>	.022	-.048	-.021	.075	-.086	-.026	.001	.025	.014	-.068	.009	-.018
<b>Cardiopulmonary Disease</b>	.083	-.039	.007	.033	.022	.025	-.107	.061	-.006	-.030	-.105	-.075
<b>Cardiovascular Disease</b>	-.059	.069	.013	.003	.075	.043	-.093	.099	.014	-.035	.026	-.001
<b>Skin Cancer</b>	.051	-.057	-.017	-.035	.016	-.004	.039	-.016	.005	-.001	.022	.013

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