

HOW IS LOCATION REPRESENTED IN DATA

▶ Another common
Address
format for representing
location

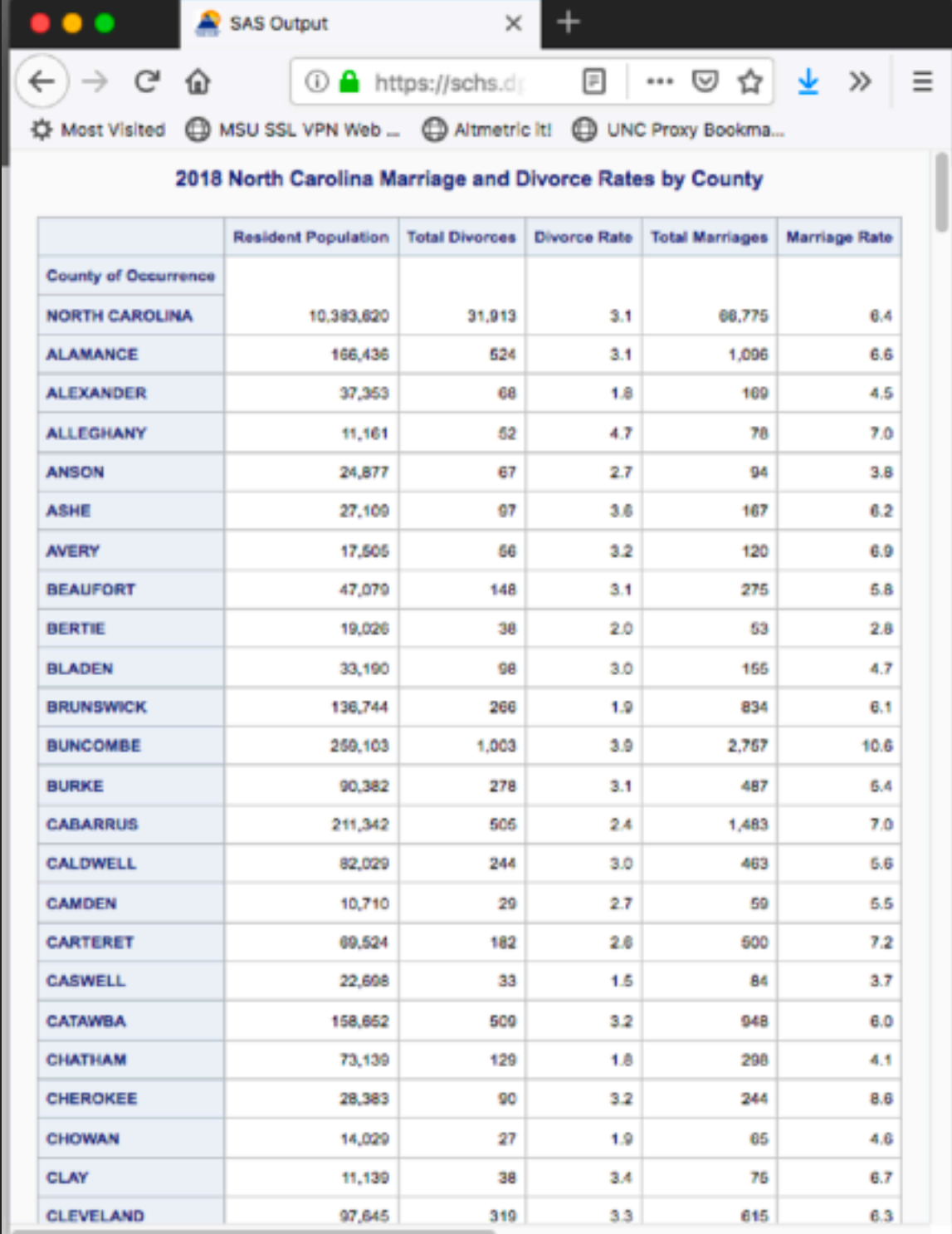
- ▶ Assumes a street network reference system
- ▶ Requires additional processing before it can be mapped or analyzed spatially
- ▶ We will learn **Geocoding** in a few weeks

A1	CDSCode	NCESDist	NCESSchool	StatusType	School	StreetAddr	City	Zip	State	OpenDate	ClosedDate	LastUpdate
1	0110017000691051			Active		313 West Winton Ave.	Hayward	94544-1136	CA			2/2/2017
2	0110017010691051	10546		Closed	FAME Public Charter	39859 Balentine Dr., Ste. 335	Newark	94560-5359	CA	8/29/2005	7/31/2015	9/1/2015
3	0110017010691051	10947		Active	Envision Academy for Arts & Technology	1515 Webster St.	Oakland	94612-3355	CA	8/28/2006		7/26/2017
4	0110017010691051	12844		Active	Community School for Creative Education	2111 International Blvd.	Oakland	94606-4903	CA	8/22/2011		8/16/2017
5	0110017010691051	12901		Active	Yu Ming Charter	1086 Alcatraz Ave.	Oakland	94608-1265	CA	8/9/2011		5/10/2016
6	0110017010691051	13008		Active	Urban Montessori Charter	5328 Brann St.	Oakland	94619-3312	CA	8/27/2012		4/10/2018
7	0110017010691051			Closed	Technical, Agricultural & Nat.	597 C St.	Hayward	94541	CA	7/1/1980	6/30/1989	6/24/1999
8	0110017010691051	09264		Active	Alameda County Juvenile Hall/Court	2500 Fairmont Ave.	San Leandro	94578-1005	CA	7/1/1980		7/3/2018
9	0110017010691051	06830		Active	Alameda County Community	313 West Winton Ave.	Hayward	94544-1136	CA	7/1/1980		2/13/2018
10	0110017010691051	09265		Closed	Alameda County Opportunity	313 West Winton Ave.	Hayward	94544-1136	CA	7/1/1980	6/30/2013	4/28/2014
11	0110017010691051			Closed	Berkeley Trade & Tech. College					7/1/1980	6/30/1989	6/24/1999
12	0110017010691051	13887		Active	Oakland Unity Middle	7200 Bancroft Ave. Ste. 261	Oakland	94605-2403	CA	8/23/2015		10/20/2017
13	0110017010691051			Closed	Canyon Valley Adult School					7/1/1980	6/30/1989	6/24/1999
14	0110017010691051	14091		Active	Connecting Waters Charter - East Bay	12420 Bentley St.	Waterford	95386-9150	CA	8/16/2017		3/14/2018
15	0110017010691051	14090		Active	Opportunity Academy	2300 International Blvd.	Oakland	94601-1019	CA	9/5/2017		3/14/2018
16	0110017010691051			Closed	Roosevelt High (Defunct)					7/1/1980	6/30/1989	6/24/1999
17	0110017010691051			Active	Aurum Preparatory Academy	1054 66th Ave.	Oakland	94621-3536	CA	8/13/2018		7/30/2018
18	0110017010691051			Closed	University High School (Defunc					7/1/1980	6/30/1989	6/24/1999
19	0110017010691051			Closed	Washington Evening High (Defun					7/1/1980	6/30/1989	6/24/1999
20	0110017000691051	04257		Active	Cox Academy	9860 Sunnyside St.	Oakland	94603-2750	CA	7/1/1980		8/14/2017
21	0110017000691051	04288		Active	Lazear Charter Academy	824 29th Ave.	Oakland	94601-2205	CA	7/1/1980		8/23/2016
22	0110017000691051			Closed	Chabot Ranch	2500 Fairmont Dr.	San Leandro	94578	CA	7/1/1980	6/30/1989	6/24/1999
23	0110017000691051			Merged	Juvenile Court Schools	2400 Fairmont Dr.	San Leandro	94578	CA	7/1/1980	6/22/1987	6/24/1999
24	0110017000691051			Closed	Las Vistas School	2200 Fairmont Dr.	San Leandro	94578	CA	7/1/1980	6/30/1989	6/24/1999
25	0110017000691051			Closed	Senior Camp	2600 Fairmont Dr.	San Leandro	94578	CA	7/1/1980	6/30/1989	6/24/1999
26	0110017000691051			Closed	Snedigar Cottage	2100 Fairmont Dr.	San Leandro	94578	CA	7/1/1980	6/30/1989	6/24/1999
27	0110017000691051			Merged	Koster/Whiteford Special Center	35725 Cedar Ave.	Newark	94560	CA	7/1/1980	6/22/1987	6/24/1999
28	0110017000691051			Closed	Whiteford School (TMR)	685 A St.	Hayward	94541	CA	7/1/1980	6/30/1989	6/24/1999
29	0110017000691051			Closed	Alameda County Special Education	685 A St.	Hayward	94541	CA	7/1/1980	7/24/1984	6/24/1999
30	0110017000691051			Closed	Buena Vista School (Girls)	2200 Fairmont Dr.	San Leandro	94578	CA	7/1/1980	6/30/1989	6/24/1999
31	0110017000691051			Merged	Whiteford (June) School	35725 Cedar Blvd.	Newark	94560	CA	7/1/1980	6/30/1989	6/24/1999
32	0110017000691051			Merged	School for School-Age Mothers	8151 Village Pkwy.	Dublin	94568	CA	7/1/1980	6/30/1989	6/24/1999
33	0110017000691051			Closed	Sequoia Deaf/Blind Program	685 A St.	Hayward	94541	CA	7/1/1980	7/24/1984	6/24/1999
34	0110017000691051			Merged	Burke (William P.) Special Center	612 West A St.	Hayward	94541	CA	7/1/1980	6/22/1987	6/24/1999
35	0110017000691051			Closed	East County Dch	7997 Vornac Rd.	Dublin	94566	CA	7/1/1980	6/30/1989	6/24/1999
36	0110017000691051			Merged	La Fleche (Rock) Special Center	6925 Chabot Rd.	Oakland	94618	CA	7/1/1980	6/22/1987	6/24/1999
37	0110017000691051			Merged	Motta (Ronald) Special Center	40950 Chapel Way	Fremont	94538	CA	7/1/1980	6/22/1987	6/24/1999
38	0110017010691051	08672		Active	Alameda County Special Education	313 West Winton Ave.	Hayward	94544-1136	CA	7/1/1980		10/13/2015
39	0111609000600002			Active		500 Walnut Ave.	Fremont	94536-4355	CA			11/20/2017
40	0111609010600002	10346		Active	California School for the Blind	500 Walnut Ave.	Fremont	94536-4355	CA	7/1/1980		11/10/2016
41	0111617000600003			Active		39350 Gollaudet Dr.	Fremont	94538-2308	CA			7/27/2017
42	0111617010600003	10347		Active	California School for the Deaf-Fremont	39350 Gollaudet Dr.	Fremont	94538-2308	CA	7/1/1980		6/27/2017
43	0114003770601107			Closed	David W. Gordon Gout. Affairs	DN Box 946773	Sacramento	94768	CA	7/1/1980	6/30/1989	6/24/1999

HOW IS LOCATION REPRESENTED IN DATA

PLACE NAME

- ▶ Another common format for representing location
- ▶ Assumes a defined (or definable) geographic location or region
- ▶ Requires additional processing before it can be mapped or analyzed spatially



The screenshot shows a web browser window displaying a table titled "2018 North Carolina Marriage and Divorce Rates by County". The table has six columns: County of Occurrence, Resident Population, Total Divorces, Divorce Rate, Total Marriages, and Marriage Rate. The data is presented for North Carolina as a whole and for 27 individual counties.

County of Occurrence	Resident Population	Total Divorces	Divorce Rate	Total Marriages	Marriage Rate
NORTH CAROLINA	10,383,820	31,913	3.1	68,775	6.4
ALAMANCE	166,436	524	3.1	1,096	6.6
ALEXANDER	37,353	68	1.8	169	4.5
ALLEGHANY	11,161	52	4.7	78	7.0
ANSON	24,877	67	2.7	94	3.8
ASHE	27,109	97	3.6	167	6.2
AVERY	17,505	66	3.2	120	6.9
BEAUFORT	47,079	148	3.1	275	5.8
BERTIE	19,026	38	2.0	53	2.8
BLADEN	33,190	98	3.0	155	4.7
BRUNSWICK	138,744	266	1.9	834	6.1
BUNCOMBE	269,103	1,003	3.9	2,767	10.6
BURKE	90,382	278	3.1	487	5.4
CABARRUS	211,342	505	2.4	1,483	7.0
CALDWELL	82,029	244	3.0	463	5.6
CAMDEN	10,710	29	2.7	59	5.5
CARTERET	69,524	182	2.6	500	7.2
CASWELL	22,698	33	1.5	84	3.7
CATAWBA	158,652	509	3.2	948	6.0
CHATHAM	73,139	129	1.8	298	4.1
CHEROKEE	28,383	90	3.2	244	8.6
CHOWAN	14,029	27	1.9	65	4.6
CLAY	11,139	38	3.4	75	6.7
CLEVELAND	97,645	319	3.3	615	6.3