

Data Dictionary for the 1982-2012 Combined SPPA File

The SPPA is the nation's largest recurring cross-sectional survey of adult participation in arts and cultural activity. Besides informing NEA-commissioned reports and policy decisions, the raw data are shared with non-NEA researchers for their own use. This data dictionary provides an alphabetical listing of all variables that are on the combined 1982 through 2012 Survey of Public Participation in the Arts (SPPA) public-use data file.

The data dictionary shows the unweighted frequency counts for each variable. Any changes to the question wording or response options are described in the notes section, which directly follows the variable frequency counts. In addition, a universe section for each variable indicates in what years (1982, 1985, 1992, 2002, 2008, and 2012) that variable is available. Note that the combined data file does not include the 1997 SPPA, because the survey design for the 1997 SPPA was quite different from the other five SPPA studies.

Researchers often compare SPPA estimates over time. This combined SPPA data file was designed to facilitate this important capability. As with any survey, however, there are limits to how much a change can be considered “real”, rather than reflecting larger differences in the sampled population or the methodologies used for each round of data collection. While the notes section informs the user of changes made to the question wording or categories used, there are still a few broad differences in the survey designs that researchers should keep in mind when comparing or combining SPPA data from different years. Some of the more prominent differences that could have some impact on the estimates include:

- The 1982, 1985 and 1992 SPPA were supplements to the National Crime Victimization survey (NCVS) while the 2002, 2008, and 2012 surveys were supplements to the Current Population Survey (CPS)
- The SPPA NCVS supplements were collected across the calendar year, while the CPS supplements were collected in one month (2002: August, 2008: May)
- The 1985 SPPA was only collected for the first six months of the year
- CPS (2002, 2008, and 2012 SPPA) allows proxy reports for respondents who could not be reached after 4 attempts
- The 2008 and 2012 SPPA data file include spouse/partner proxy reported responses
- The first two SPPA studies were primarily in-person interviews done at the respondent's house, while the subsequent SPPA studies have been done primarily by telephone

The data file includes two weight variables: “weight”, which is the weight variable to use when producing estimates for a particular year or comparing years; and “weight normalized”, which is the weight variable to use when pooling or combining data across years. There are also two variables—“varstrat” and “varunit”—that are included to help people estimate the variance or standard error associated with the estimates. There is an appendix to this data dictionary that describes in more detail the weighting and variance estimation procedures.

Data Dictionary for the 1982-2012 Combined SPPA File

AFEVER DID YOU EVER SERVE ON ACTIVE DUTY IN THE U.S. ARMED FORCES

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	5939	6.1	10.9	10.9
	2 NO	48418	49.4	89.1	100.0
	Total	54357	55.4	100.0	
Missing	-3	22	.0		
	-2	3	.0		
	System	43665	44.5		
	Total	43690	44.6		
Total		98047	100.0		

Notes: None

Universe: 2002, 2008, 2012

AGE PERSONS AGE AS OF THE END OF THE SURVEY WEEK

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18	1688	1.7	1.7	1.7
	19	1462	1.5	1.5	3.2
	20	1457	1.5	1.5	4.7
	21	1546	1.6	1.6	6.3
	22	1616	1.6	1.6	7.9
	23	1600	1.6	1.6	9.6
	24	1689	1.7	1.7	11.3
	25	1738	1.8	1.8	13.1
	26	1823	1.9	1.9	14.9
	27	1828	1.9	1.9	16.8
	28	1913	2.0	2.0	18.7
	29	1893	1.9	1.9	20.7
	30	2048	2.1	2.1	22.7
	31	1982	2.0	2.0	24.8
	32	1973	2.0	2.0	26.8
	33	1942	2.0	2.0	28.8
	34	2000	2.0	2.0	30.8

35	1937	2.0	2.0	32.8
36	1906	1.9	1.9	34.7
37	1896	1.9	1.9	36.7
38	2009	2.0	2.0	38.7
39	1785	1.8	1.8	40.5
40	1801	1.8	1.8	42.4
41	1828	1.9	1.9	44.2
42	1776	1.8	1.8	46.0
43	1748	1.8	1.8	47.8
44	1804	1.8	1.8	49.7
45	1791	1.8	1.8	51.5
46	1663	1.7	1.7	53.2
47	1797	1.8	1.8	55.0
48	1646	1.7	1.7	56.7
49	1670	1.7	1.7	58.4
50	1782	1.8	1.8	60.2
51	1714	1.7	1.7	62.0
52	1694	1.7	1.7	63.7
53	1716	1.8	1.8	65.4
54	1619	1.7	1.7	67.1
55	1622	1.7	1.7	68.7
56	1569	1.6	1.6	70.3
57	1601	1.6	1.6	72.0
58	1507	1.5	1.5	73.5
59	1502	1.5	1.5	75.0
60	1474	1.5	1.5	76.6
61	1414	1.4	1.4	78.0
62	1289	1.3	1.3	79.3
63	1276	1.3	1.3	80.6
64	1251	1.3	1.3	81.9
65	1329	1.4	1.4	83.2
66	1136	1.2	1.2	84.4
67	1114	1.1	1.1	85.5
68	1087	1.1	1.1	86.6
69	1033	1.1	1.1	87.7

70	1048	1.1	1.1	88.8
71	960	1.0	1.0	89.7
72	914	.9	.9	90.7
73	867	.9	.9	91.6
74	800	.8	.8	92.4
75	785	.8	.8	93.2
76	727	.7	.7	93.9
77	737	.8	.8	94.7
78	647	.7	.7	95.3
79	588	.6	.6	95.9
80	2083	2.1	2.1	98.1
81	182	.2	.2	98.2
82	158	.2	.2	98.4
83	147	.1	.1	98.6
84	105	.1	.1	98.7
85	960	1.0	1.0	99.6
86	78	.1	.1	99.7
87	72	.1	.1	99.8
88	54	.1	.1	99.8
89	39	.0	.0	99.9
90	25	.0	.0	99.9
91	33	.0	.0	99.9
92	24	.0	.0	100.0
93	13	.0	.0	100.0
94	7	.0	.0	100.0
95	4	.0	.0	100.0
96	6	.0	.0	100.0
Total	98047	100.0	100.0	

Notes: In 2002 ages above 80 were all coded as 80; in 2008 and 2012 ages between 80 and 84 were all coded as 80 and ages 85 and above were all coded 85.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

AGEGROUP AGE GROUP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 18 to 24	11058	11.3	11.3	11.3
	2 25 to 34	19140	19.5	19.5	30.8
	3 35 to 44	18490	18.9	18.9	49.7
	4 45 to 54	17092	17.4	17.4	67.1
	5 55 to 64	14505	14.8	14.8	81.9
	6 65 to 74	10288	10.5	10.5	92.4
	7 75+	7474	7.6	7.6	100.0
Total		98047	100.0	100.0	

Notes: None

Universe: 1982, 1985, 1992, 2002, 2008, 2012

ARTMUSEUM DURING THE LAST 12 MONTHS DID YOU VISIT AN ART MUSEUM OR GALLERY

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	23328	23.8	24.1	24.1
	2 NO	73413	74.9	75.9	100.0
	Total	96741	98.7	100.0	
Missing	-9 NO RESPONSE	314	.3		
	-3 REFUSED	763	.8		
	-2 DON'T KNOW	208	.2		
	System	21	.0		
	Total	1306	1.3		
Total		98047	100.0		

Notes: In 1992 the wording changed from "(During the last 12 months) did you visit an Art gallery or Art museum?" to "(During the last 12 months) did you visit an art museum or gallery?"

Universe: 1982, 1985, 1992, 2002, 2008, 2012

ARTMUSEUM_M NUMBER OF TIMES VISITED ART MUSEUMS LAST MONTH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 NONE IN LAST YEAR	23991	24.5	77.6	77.6
	1 ZERO	4627	4.7	15.0	92.6
	2 ONCE	1555	1.6	5.0	97.6
	3 2 TO 3 TIMES	560	.6	1.8	99.4
	4 4 TO 5 TIMES	94	.1	.3	99.7
	5 6 OR MORE TIMES	81	.1	.3	100.0
	Total	30908	31.5	100.0	
Missing	System	67139	68.5		
Total		98047	100.0		

Notes: None

Universe: 1982, 1985

ARTMUSEUM_N HOW MANY ART MUSEUM/GALLERY VISITS DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	6430	6.6	39.4	39.4
	2	4170	4.3	25.6	65.0
	3	2087	2.1	12.8	77.8
	4	1107	1.1	6.8	84.5
	5	631	.6	3.9	88.4
	6	637	.6	3.9	92.3
	7	95	.1	.6	92.9
	8	154	.2	.9	93.8
	9	21	.0	.1	94.0
	10	310	.3	1.9	95.9
	11	13	.0	.1	95.9
	12	350	.4	2.1	98.1
	13	6	.0	.0	98.1
	14	5	.0	.0	98.2
	15	56	.1	.3	98.5
	16	6	.0	.0	98.5
	17	2	.0	.0	98.6
	18	6	.0	.0	98.6

20	91	.1	.6	99.1
21	1	.0	.0	99.2
22	2	.0	.0	99.2
24	14	.0	.1	99.3
25	33	.0	.2	99.5
26	1	.0	.0	99.5
28	1	.0	.0	99.5
30	26	.0	.2	99.6
35	5	.0	.0	99.7
36	5	.0	.0	99.7
40	9	.0	.1	99.7
45	1	.0	.0	99.7
48	2	.0	.0	99.8
50	13	.0	.1	99.8
52	6	.0	.0	99.9
60	2	.0	.0	99.9
70	4	.0	.0	99.9
75	3	.0	.0	99.9
97	1	.0	.0	99.9
100	2	.0	.0	100.0
104	1	.0	.0	100.0
120	1	.0	.0	100.0
125	2	.0	.0	100.0
150	1	.0	.0	100.0
156	1	.0	.0	100.0
234	1	.0	.0	100.0
365	1	.0	.0	100.0
Total	16316	16.6	100.0	
Missing				
-9 NO RESPONSE	1	.0		
-3 REFUSED	3	.0		
-2 DON'T KNOW	61	.1		
-1 NOT IN UNIVERSE	38164	38.9		
System	43502	44.4		
Total	81731	83.4		
Total	98047	100.0		

Notes: None

Universe: 1992, 2002, 2008, 2012

BALLET LIVE BALLET PERFORMANCE DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	3734	3.8	3.9	3.9
	2 NO	93157	95.0	96.1	100.0
	Total	96891	98.8	100.0	
Missing	-9 NO RESPONSE	272	.3		
	-3 REFUSED	742	.8		
	-2 DON'T KNOW	142	.1		
	Total	1156	1.2		
Total		98047	100.0		

Notes: None

Universe: 1992, 2002, 2008, 2012

BALLET_M NUMBER OF TIMES ATTENDED BALLET LAST MONTH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 NONE IN LAST YEAR	29551	30.1	95.6	95.6
	1 ZERO	1031	1.1	3.3	98.9
	2 ONCE	281	.3	.9	99.8
	3 2 TO 3 TIMES	49	.0	.2	100.0
	4 4 TO 5 TIMES	3	.0	.0	100.0
	5 6 OR MORE TIMES	1	.0	.0	100.0
	Total	30916	31.5	100.0	
Missing	System	67131	68.5		
Total		98047	100.0		

Notes: None

Universe: 1982, 1985

BALLET_N HOW MANY BALLET PEFORMANCES ATTENDED DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1664	1.7	70.7	70.7
	2	407	.4	17.3	88.0
	3	118	.1	5.0	93.0
	4	62	.1	2.6	95.7
	5	45	.0	1.9	97.6

6	26	.0	1.1	98.7
7	4	.0	.2	98.9
8	7	.0	.3	99.2
9	2	.0	.1	99.2
10	10	.0	.4	99.7
12	4	.0	.2	99.8
14	1	.0	.0	99.9
25	1	.0	.0	99.9
50	1	.0	.0	100.0
52	1	.0	.0	100.0
Total	2353	2.4	100.0	
Missing				
-2 DON'T KNOW	11	.0		
-1 NOT IN UNIVERSE	48232	49.2		
System	47451	48.4		
Total	95694	97.6		
Total	98047	100.0		

Notes: None

Universe: 1992, 2002, 2008, 2012

BOOKS READ ANY BOOKS DURING THE LAST 12 MONTHS

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid				
1 YES	37989	38.7	58.1	58.1
2 NO	27395	27.9	41.9	100.0
Total	65384	66.7	100.0	
Missing				
-9 NO RESPONSE	430	.4		
-3 REFUSED	877	.9		
-2 DON'T KNOW	427	.4		
System	30929	31.5		
Total	32663	33.3		
Total	98047	100.0		

Notes: none

Universe: 1992, 2002, 2008, 2012

BOOKS_N: ABOUT HOW MANY BOOKS DID YOU READ DURING THE LAST 12 MONTHS

Notes: Frequency suppressed due to the large number of response categories

Universe: 1992, 2002, 2008, 2012

CHILD0TO5 SPPA RESPONDENT'S 0-5 YEARS OLD

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	35256	36.0	82.7	82.7
	1	5001	5.1	11.7	94.5
	2	1814	1.9	4.3	98.7
	3	325	.3	.8	99.5
	4	25	.0	.1	99.6
	5	1	.0	.0	99.6
	7	1	.0	.0	99.6
	9	183	.2	.4	100.0
	Total	42606	43.5	100.0	
Missing	System	55441	56.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992

CHILD5TO17 HOW MANY CHILDREN DO YOU HAVE BETWEEN AGES 5 AND 17

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	12720	13.0	76.0	76.0
	1	1766	1.8	10.6	86.6
	2	1477	1.5	8.8	95.4
	3	602	.6	3.6	99.0
	4	123	.1	.7	99.8
	5	25	.0	.1	99.9
	6	9	.0	.1	100.0
	7	5	.0	.0	100.0
	Total	16727	17.1	100.0	
Missing	-9 NO RESPONSE	425	.4		
	-3 REFUSED	447	.5		
	-2 DON'T KNOW	78	.1		
	-1 NOT IN UNIVERSE	19570	20.0		
	System	60800	62.0		
	Total	81320	82.9		
Total		98047	100.0		

Notes: Question was asked of only respondents who got the arts learning module

Universe: 2008, 2012

CHILD6TO11 SPPA RESPONDNET'S 6-11 YEARS OLD

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	35443	36.1	83.2	83.2
	1	4818	4.9	11.3	94.5
	2	1825	1.9	4.3	98.8
	3	267	.3	.6	99.4
	4	43	.0	.1	99.5
	5	7	.0	.0	99.5
	6	2	.0	.0	99.5
	9	197	.2	.5	100.0
	Total	42602	43.5	100.0	
Missing	System	55445	56.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992

CITIZEN CITIZENSHIP STATUS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 NATIVE, BORN IN THE UNITED STATES	47363	48.3	87.1	87.1
	2 NATIVE, BORN IN PUERTO RICO OR OTHER U.S. ISLAND AREAS	298	.3	.5	87.6
	3 NATIVE, BORN ABROAD OF AMERICAN PARENT OR PARENTS	437	.4	.8	88.4
	4 FOREIGN BORN, U.S. CITIZEN BY NATURALIZATION	2937	3.0	5.4	93.8
	5 FOREIGN BORN, NOT A CITIZEN OF THE UNITED STATES	3347	3.4	6.2	100.0
Total		54382	55.5	100.0	
Missing	System	43665	44.5		
Total		98047	100.0		

Notes: none

Universe: 2002, 2008, 2012

CITY_STATUS PRINCIPAL CITY/BALANCE STATUS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 PRINCIPAL CITY	11968	12.2	17.8	17.8
	2 BALANCE	19985	20.4	29.8	47.6
	3 NONMETROPOLITAN	12413	12.7	18.5	66.1
	4 NOT IDENTIFIED	10016	10.2	14.9	81.0
	5 UNINCORPORATED PLACE	1234	1.3	1.8	82.9
	7 NOT A PLACE	3922	4.0	5.8	88.7
	8 CENTRAL CITY OF AN S(MSA)	3819	3.9	5.7	94.4
	9 OTHER INCORPORATE PLACE	3761	3.8	5.6	100.0
	Total	67118	68.5	100.0	
	Missing	System	30929	31.5	
Total		98047	100.0		

Notes: Categories 1 through 5 were used in 2002, 2008, and 2012, while 1992 used categories 5 through 9
Universe: 1992, 2002, 2008, 2012

CLASSICAL LIVE CLASSICAL MUSIC PERFORMANCE SUCH AS SYMPHONY, CHAMBER, OR CHORAL MUSIC DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	11343	11.6	11.7	11.7
	2 NO	85645	87.4	88.3	100.0
	Total	96988	98.9	100.0	
Missing	-9 NO RESPONSE	166	.2		
	-3 REFUSED	730	.7		
	-2 DON'T KNOW	163	.2		
	Total	1059	1.1		
Total		98047	100.0		

Notes: In 1992 the wording changed from "(During the last 12 months) did you go to a live classical music performance? This includes choral music and instrumental or vocal recitals, as well as symphony and chamber music" To "Did you go to a live classical music performance such as symphony, chamber, or choral music (During the last 12 months)?"
Universe: 1982, 1985, 1992, 2002, 2008, 2012

CLASSICAL_M NUMBER OF TIMES ATTENDED CLASSICAL MUSIC LAST MONTH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 NONE IN LAST YEAR	26821	27.4	86.8	86.8
	1 ZERO	2724	2.8	8.8	95.6
	2 ONCE	990	1.0	3.2	98.8
	3 2 TO 3 TIMES	296	.3	1.0	99.7
	4 4 TO 5 TIMES	51	.1	.2	99.9
	5 6 OR MORE TIMES	32	.0	.1	100.0
	Total	30914	31.5	100.0	
Missing	System	67133	68.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985

CLASSICAL_N HOW MANY CLASSICAL MUSIC PERFORMACES ATTENDED DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3087	3.1	42.9	42.9
	2	1811	1.8	25.2	68.1
	3	845	.9	11.8	79.9
	4	453	.5	6.3	86.2
	5	205	.2	2.9	89.1
	6	313	.3	4.4	93.4
	7	32	.0	.4	93.9
	8	97	.1	1.3	95.2
	9	11	.0	.2	95.4
	10	76	.1	1.1	96.4
	11	6	.0	.1	96.5
	12	148	.2	2.1	98.6
	13	1	.0	.0	98.6
	14	1	.0	.0	98.6
	15	31	.0	.4	99.0
	16	2	.0	.0	99.0
	18	5	.0	.1	99.1
	20	25	.0	.3	99.5

22	1	.0	.0	99.5
24	5	.0	.1	99.5
25	6	.0	.1	99.6
26	3	.0	.0	99.7
30	13	.0	.2	99.8
40	4	.0	.1	99.9
50	1	.0	.0	99.9
52	3	.0	.0	100.0
60	1	.0	.0	100.0
123	1	.0	.0	100.0
156	1	.0	.0	100.0
Total	7188	7.3	100.0	
Missing				
-3 REFUSED	1	.0		
-2 DON'T KNOW	41	.0		
-1 NOT IN UNIVERSE	44732	45.6		
System	46085	47.0		
Total	90859	92.7		
Total	98047	100.0		

Notes: None

Universe: 1992, 2002, 2008, 2012

**CRAFT_FAIR DURING THE LAST 12 MONTHS DID YOU VISIT A CRAFTS FAIR OR A VISUAL
ARTS FESTIVAL**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid				
1 YES	23063	23.5	31.9	31.9
2 NO	49308	50.3	68.1	100.0
Total	72371	73.8	100.0	
Missing				
-9 NO RESPONSE	335	.3		
-3 REFUSED	766	.8		
-2 DON'T KNOW	238	.2		
System	24337	24.8		
Total	25676	26.2		
Total	98047	100.0		

Notes: In 1982 and 1985, this question was not part of the core questions and was only asked of a random subset of respondents. The wording in 1982 and 1985 was "(During the last 12 months) did you visit an art or craft fair or festival?" The wording in 1992 and 2002 was changed to "(During the last 12 months) did you visit an art fair or festival, or a craft fair or festival?" In 2008 the wording changed again to "(During the last 12 months) did you visit a crafts fair or visual arts festival?"

Universe: 1982, 1985, 1992, 2002, 2008

CRAFT_FAIR_N NUMBER TIMES WENT TO CRAFT FAIR PAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	4285	4.4	38.7	38.7
	2	3229	3.3	29.1	67.8
	3	1538	1.6	13.9	81.7
	4	822	.8	7.4	89.1
	5	385	.4	3.5	92.5
	6	383	.4	3.5	96.0
	7	49	.0	.4	96.4
	8	62	.1	.6	97.0
	9	15	.0	.1	97.1
	10	123	.1	1.1	98.2
	11	4	.0	.0	98.3
	12	102	.1	.9	99.2
	14	3	.0	.0	99.2
	15	23	.0	.2	99.4
	16	1	.0	.0	99.4
	18	1	.0	.0	99.4
	20	24	.0	.2	99.7
	21	1	.0	.0	99.7
	22	2	.0	.0	99.7
	23	1	.0	.0	99.7
	24	4	.0	.0	99.7
	25	6	.0	.1	99.8
	27	1	.0	.0	99.8
	28	1	.0	.0	99.8
	30	4	.0	.0	99.8
	36	1	.0	.0	99.9
	40	3	.0	.0	99.9
	45	2	.0	.0	99.9
	48	1	.0	.0	99.9
	50	2	.0	.0	99.9
52	1	.0	.0	99.9	
70	1	.0	.0	99.9	

	75	1	.0	.0	100.0
	91	1	.0	.0	100.0
	100	3	.0	.0	100.0
	150	1	.0	.0	100.0
	Total	11086	11.3	100.0	
Missing	-1 NOT IN UNIVERSE	7516	7.7		
	System	79445	81.0		
	Total	86961	88.7		
Total		98047	100.0		

Notes: none

Universe: 1992, 2002, 2008, 2012

**DANCE LIVE DANCE PERFORMANCE OTHER THAN BALLET, SUCH AS MODERN, FOLK, TAP
OR BROADWAY STYLE - LAST 12 MONTHS**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	4170	4.3	6.3	6.3
	2 NO	61767	63.0	93.7	100.0
	Total	65937	67.3	100.0	
Missing	-9 NO RESPONSE	282	.3		
	-3 REFUSED	745	.8		
	-2 DON'T KNOW	154	.2		
	System	30929	31.5		
	Total	32110	32.7		
Total		98047	100.0		

Notes: The question in 1992 and 2002 was "Did you go to a live dance performance other than ballet, such as modern, folk, or tap during the last 12 months?" Broadway style was added as an example in 2008: "Did you go to a live dance performance other than ballet, such as modern, folk, tap. Or Broadway style during the last 12 months?" Then in 2012 the question was changed to "Did you go to a live dance performance other than ballet, such as modern, contemporary, folk, traditional, or tap dance, during the last 12 months?"

Universe: 1992, 2002, 2008, 2012

**DANCE_N HOW MANY OTHER DANCE PERFORMANCES ATTENDED DURING THE LAST 12
MONTHS**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2487	2.5	60.0	60.0
	2	876	.9	21.1	81.2
	3	294	.3	7.1	88.3
	4	152	.2	3.7	91.9
	5	78	.1	1.9	93.8
	6	72	.1	1.7	95.6
	7	13	.0	.3	95.9
	8	32	.0	.8	96.6
	9	2	.0	.0	96.7
	10	55	.1	1.3	98.0
	11	5	.0	.1	98.1
	12	21	.0	.5	98.6
	15	12	.0	.3	98.9
	16	1	.0	.0	99.0
	17	1	.0	.0	99.0
	18	1	.0	.0	99.0
	20	8	.0	.2	99.2
	22	2	.0	.0	99.3
	24	2	.0	.0	99.3
	25	4	.0	.1	99.4
	26	3	.0	.1	99.5
	30	5	.0	.1	99.6
	32	1	.0	.0	99.6
	34	1	.0	.0	99.6
	36	1	.0	.0	99.7
	40	2	.0	.0	99.7
	42	1	.0	.0	99.7
	45	1	.0	.0	99.8
	50	3	.0	.1	99.8
	52	2	.0	.0	99.9
	60	1	.0	.0	99.9

	100	2	.0	.0	100.0
	156	2	.0	.0	100.0
	Total	4143	4.2	100.0	
Missing	-2 DON'T KNOW	19	.0		
	-1 NOT IN UNIVERSE	46909	47.8		
	System	46976	47.9		
	Total	93904	95.8		
Total		98047	100.0		

Notes: none

Universe: 1992, 2002, 2008, 2012

EDUCATION HIGHEST LEVEL OF SCHOOL COMPLETED OR DEGREE RECEIVED

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 LESS THAN 9TH GRADE	6970	7.1	7.1	7.1
	2 SOME HIGH SCHOOL	9675	9.9	9.9	17.0
	3 HIGH SCHOOL GRAD (GED)	33098	33.8	33.8	50.8
	4 SOME COLLEGE	23941	24.4	24.4	75.2
	5 COLLEGE GRADUATE	15149	15.5	15.5	90.7
	6 ADVANCED GRADUATE DEGREE	9111	9.3	9.3	100.0
	Total	97944	99.9	100.0	
Missing	-1 NOT IN UNIVERSE	64	.1		
	System	39	.0		
	Total	103	.1		
Total		98047	100.0		

Notes: More detailed categories are available in each year, but for the combined data set the categories have been collapsed into comparable categories.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

EMPLOYED EMPLOYMENT STATUS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	61699	62.9	63.0	63.0
	2 NO	36202	36.9	37.0	100.0
	Total	97901	99.9	100.0	
Missing	-9	89	.1		
	System	57	.1		
	Total	146	.1		
Total		98047	100.0		

Notes: More detailed employment information is available in each year, but for the combined data set categories have been collapsed into comparable categories.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

ETHNICITY DETAILED HISPANIC - ORIGIN GROUP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Mexican	3212	3.3	60.6	60.6
	2 Puerto Rican	507	.5	9.6	70.1
	3 Cuban	283	.3	5.3	75.5
	4 Central/South American	926	.9	17.5	92.9
	5 Other Spanish	376	.4	7.1	100.0
	Total	5304	5.4	100.0	
Missing	-2	84	.1		
	-1	48994	50.0		
	System	43665	44.5		
	Total	92743	94.6		
Total		98047	100.0		

Notes: none

Universe: 2002, 2008, 2012

FATHER_EDUC FATHER'S HIGHEST DEGREE OR LEVEL OF SCHOOL COMPLETED

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 LESS THAN 9TH GRADE	9914	10.1	25.3	25.3
	2 SOME HIGH SCHOOL	4409	4.5	11.2	36.5
	3 HIGH SCHOOL GRAD (GED)	13893	14.2	35.4	72.0
	4 SOME COLLEGE	3914	4.0	10.0	82.0
	5 COLLEGE GRADUATE	4834	4.9	12.3	94.3
	6 ADVANCED GRADUATE DEGREE	2229	2.3	5.7	100.0
	Total	39193	40.0	100.0	
Missing	-9 NO RESPONSE	459	.5		
	-3 REFUSED	878	.9		
	-2 DON'T KNOW	7959	8.1		
	-1 NOT IN UNIVERSE	19570	20.0		
	System	29988	30.6		
	Total	58854	60.0		
Total	98047	100.0			

Notes: Except in 2002, this question has been asked of only a random subset of respondents. Categories have been collapsed into the categories used on the 2008 and 2012 SPPA. In both 1982 and 1985 the SPPA did not ascertain whether or not a person who graduated college had an advanced college degree.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

**FESTIVAL DURING THE LAST 12 MONTHS DID VISIT AN OUTDOOR FESTIVAL THAT FEATURED
PERFORMING ARTISTS**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	7869	8.0	21.9	21.9
	2 NO	28123	28.7	78.1	100.0
	Total	35992	36.7	100.0	
Missing	-9 NO RESPONSE	324	.3		
	-3 REFUSED	775	.8		
	-2 DON'T KNOW	156	.2		
	System	60800	62.0		
Total	62055	63.3			
Total	98047	100.0			

Notes: none

Universe: 2008, 2012

FIPS_CBSA: METROPOLITAN CBSA FIPS CODE**Notes:** The 5 digit Census Core based statistical area codes**Universe:** 2008, 2012**FIPS_COUNTY: FIPS COUNTY CODE****Notes:** The 3 digit Census County codes**Universe:** 2002, 2008, 2012**FIPS_CSA: CONSOLIDATED STATISTICAL AREA (CSA) FIPS CODE****Notes:** The 4 digit Census Consolidated Statistical Area codes**Universe:** 2008, 2012**FIPS_MSA: MSA CODE****Notes:** The 4 digit Census Metropolitan Statistical Area codes**Universe:** 2002**FIPS_STATE FIPS STATE CODE**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 AL	727	.7	1.3	1.3
	2 AK	653	.7	1.2	2.5
	4 AZ	636	.6	1.2	3.7
	5 AR	626	.6	1.2	4.9
	6 CA	4074	4.2	7.5	12.3
	8 CO	1145	1.2	2.1	14.5
	9 CT	998	1.0	1.8	16.3
	10 DE	844	.9	1.6	17.8
	11 DC	704	.7	1.3	19.1
	12 FL	2230	2.3	4.1	23.2
	13 GA	1024	1.0	1.9	25.1
	15 HI	747	.8	1.4	26.5
	16 ID	631	.6	1.2	27.7
	17 IL	1724	1.8	3.2	30.8
	18 IN	872	.9	1.6	32.4
	19 IA	978	1.0	1.8	34.2
	20 KS	845	.9	1.6	35.8
	21 KY	880	.9	1.6	37.4
	22 LA	602	.6	1.1	38.5
	23 ME	1035	1.1	1.9	40.4
	24 MD	1080	1.1	2.0	42.4

25 MA	914	.9	1.7	44.1
26 MI	1340	1.4	2.5	46.5
27 MN	1310	1.3	2.4	48.9
28 MS	546	.6	1.0	50.0
29 MO	861	.9	1.6	51.5
30 MT	528	.5	1.0	52.5
31 NE	898	.9	1.7	54.2
32 NV	926	.9	1.7	55.9
33 NH	1122	1.1	2.1	57.9
34 NJ	1064	1.1	2.0	59.9
35 NM	510	.5	.9	60.8
36 NY	2290	2.3	4.2	65.0
37 NC	1163	1.2	2.1	67.2
38 ND	817	.8	1.5	68.7
39 OH	1621	1.7	3.0	71.7
40 OK	692	.7	1.3	72.9
41 OR	805	.8	1.5	74.4
42 PA	1658	1.7	3.0	77.5
44 RI	905	.9	1.7	79.1
45 SC	851	.9	1.6	80.7
46 SD	899	.9	1.7	82.3
47 TN	751	.8	1.4	83.7
48 TX	2689	2.7	4.9	88.7
49 UT	608	.6	1.1	89.8
50 VT	794	.8	1.5	91.2
51 VA	1106	1.1	2.0	93.3
53 WA	1005	1.0	1.8	95.1
54 WV	815	.8	1.5	96.6
55 WI	1097	1.1	2.0	98.6
56 WY	742	.8	1.4	100.0
Total	54382	55.5	100.0	
Missing System	43665	44.5		
Total	98047	100.0		

Notes: none

Universe: 2002, 2008, 2012

GENDER SEX

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Male	44815	45.7	45.7	45.7
	2 Female	53232	54.3	54.3	100.0
Total		98047	100.0	100.0	

Notes: None

Universe: 1982, 1985, 1992, 2002, 2008, 2012

HHSIZE TOTAL NUMBER OF PERSONS LIVING IN HOUSEHOLD

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	15326	15.6	15.6	15.6
	2	34172	34.9	34.9	50.5
	3	18532	18.9	18.9	69.4
	4	17054	17.4	17.4	86.8
	5	8032	8.2	8.2	95.0
	6	2988	3.0	3.0	98.0
	7	1075	1.1	1.1	99.1
	8	428	.4	.4	99.6
	9	181	.2	.2	99.7
	10	118	.1	.1	99.9
	11	66	.1	.1	99.9
	12	18	.0	.0	99.9
	13	29	.0	.0	100.0
	14	12	.0	.0	100.0
	15	10	.0	.0	100.0
Total		98041	100.0	100.0	
Missing	System	6	.0		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

HISPANIC HISPANIC OR NON-HISPANIC

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 HISPANIC	6338	6.5	9.4	9.4
	2 NON-HISPANIC	60758	62.0	90.6	100.0
	Total	67096	68.4	100.0	
Missing	-1	22	.0		
	System	30929	31.5		
	Total	30951	31.6		
Total		98047	100.0		

Notes: none

Universe: 1992, 2002, 2008, 2012

HOUSING TYPE OF HOUSING UNIT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 HOUSE , APARTMENT, FLAT	92722	94.6	94.6	94.6
	2 HU IN NONTRANSIENT HOTEL, MOTEL, ETC.	162	.2	.2	94.7
	3 HU PERMANENT IN TRANSIENT HOTEL, MOTEL	26	.0	.0	94.8
	4 HU IN ROOMING HOUSE	40	.0	.0	94.8
	5 MOBILE HOME OR TRAILER W/NO PERM. ROOM ADDED	4123	4.2	4.2	99.0
	6 MOBILE HOME OR TRAILER W/1 OR MORE PERM. ROOMS ADDED	499	.5	.5	99.5
	7 HU NOT SPECIFIED ABOVE	24	.0	.0	99.5
	10 UNOCCUPIED TENT SITE OR TRLR SITE	6	.0	.0	99.5
	11 STUDENT QUARTERS IN COLLEGE DORM	94	.1	.1	99.6
	12 OTHER UNIT NOT SPECIFIED ABOVE	351	.4	.4	100.0
	Total	98047	100.0	100.0	

Notes: In both 1982 and 1985 the Census Bureau did not ascertain whether a mobile home had permanent rooms added. "HU" refers to housing units.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

HOUSING_UNITS NUMBER OF HOUSING UNITS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 One	31294	31.9	71.8	71.8
	2 Two	2485	2.5	5.7	77.5
	3 Three	749	.8	1.7	79.3
	4 Four	1229	1.3	2.8	82.1
	5 Five to nine	1738	1.8	4.0	86.1
	6 Ten or more	3857	3.9	8.9	94.9
	7 Mobile home or trailer	1839	1.9	4.2	99.2
	8 Only other units	367	.4	.8	100.0
	Total	43558	44.4	100.0	
Missing	98 Residue	72	.1		
	System	54417	55.5		
	Total	54489	55.6		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992

INCOME FAMILY INCOME

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 LESS THAN \$5,000	1724	1.8	1.9	1.9
	2 5,000 TO 7,499	1522	1.6	1.7	3.5
	3 7,500 TO 9,999	3321	3.4	3.6	7.2
	4 10,000 TO 12,499	2206	2.2	2.4	9.6
	5 12,500 TO 14,999	2163	2.2	2.4	11.9
	6 15,000 TO 19,999	5847	6.0	6.4	18.3
	7 20,000 TO 24,999	7918	8.1	8.6	26.9
	8 25,000 TO 29,999	5506	5.6	6.0	32.9
	9 30,000 TO 34,999	4197	4.3	4.6	37.5
	10 35,000 TO 39,999	3805	3.9	4.1	41.6
	11 40,000 TO 49,999	6022	6.1	6.6	48.2
	12 50,000 TO 59,999	4622	4.7	5.0	53.2
	13 50,000 to 74,999	1386	1.4	1.5	54.8
	14 60,000 TO 74,999	5313	5.4	5.8	60.5
	15 75,000 TO 99,999	4535	4.6	4.9	65.5
	16 100,000 TO 149,999	4052	4.1	4.4	69.9
	17 50,000 OR MORE	2007	2.0	2.2	72.1
	18 75,000 OR MORE	4448	4.5	4.8	76.9
	19 150,000 OR MORE	2847	2.9	3.1	80.0
	21 LESS THAN 3,000	1129	1.2	1.2	81.3
	22 3,000 TO 4,999	1280	1.3	1.4	82.7
	23 5,000 TO 5,999	967	1.0	1.1	83.7
	24 6,000 TO 7,499	1130	1.2	1.2	84.9
	25 10,000 TO 11,999	1528	1.6	1.7	86.6
	26 12,000 TO 12,999	490	.5	.5	87.1
	27 13,000 TO 14,999	615	.6	.7	87.8
	28 15,000 TO 17,499	790	.8	.9	88.7
	29 17,500 TO 19,999	774	.8	.8	89.5
	30 30,000 TO 49,999	2516	2.6	2.7	92.3
	40 12,000-14,999	1795	1.8	2.0	94.2
	41 25,000-49,999	4049	4.1	4.4	98.6
	98	1253	1.3	1.4	100.0

Total		91757	93.6	100.0
Missing	-3	4471	4.6	
	-2	289	.3	
	System	1530	1.6	
	Total	6290	6.4	
Total		98047	100.0	

Notes: Income categories used were different in each SPPA round. As you would expect, the earlier SPPA studies had more low income categories and later SPPA studies had more high income categories which reflects the fact that incomes have been increasing over time. Original response categories have been maintained, but no effort has been made to create an income variable that is in constant dollars.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

JAZZ LIVE JAZZ PERFORMANCE DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	9103	9.3	9.4	9.4
	2 NO	87958	89.7	90.6	100.0
	Total	97061	99.0	100.0	
Missing	-9 NO RESPONSE	60	.1		
	-3 REFUSED	753	.8		
	-2 DON'T KNOW	173	.2		
	Total	986	1.0		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

JAZZ_M NUMBER OF TIMES ATTENDED JAZZ LAST MONTH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 NONE IN LAST YEAR	27961	28.5	90.6	90.6
	1 ZERO	2041	2.1	6.6	97.2
	2 ONCE	612	.6	2.0	99.1
	3 2 TO 3 TIMES	209	.2	.7	99.8
	4 4 TO 5 TIMES	33	.0	.1	99.9
	5 6 OR MORE TIMES	21	.0	.1	100.0
	Total	30877	31.5	100.0	
Missing	System	67170	68.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985

JAZZ_N HOW MANY JAZZ PERFORMANCES ATTENDED DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2516	2.6	41.1	41.1
	2	1625	1.7	26.5	67.6
	3	755	.8	12.3	80.0
	4	391	.4	6.4	86.4
	5	224	.2	3.7	90.0
	6	205	.2	3.3	93.4
	7	19	.0	.3	93.7
	8	69	.1	1.1	94.8
	9	6	.0	.1	94.9
	10	92	.1	1.5	96.4
	11	2	.0	.0	96.4
	12	128	.1	2.1	98.5
	14	3	.0	.0	98.6
	15	18	.0	.3	98.9
	16	1	.0	.0	98.9
	20	21	.0	.3	99.2
	24	14	.0	.2	99.5
	25	9	.0	.1	99.6
	26	2	.0	.0	99.6
	30	3	.0	.0	99.7
35	1	.0	.0	99.7	
36	3	.0	.0	99.8	
40	5	.0	.1	99.8	
48	2	.0	.0	99.9	
52	4	.0	.1	99.9	
60	3	.0	.0	100.0	
100	1	.0	.0	100.0	
	Total	6122	6.2	100.0	
Missing	-9 NO RESPONSE	3	.0		
	-3 REFUSED	3	.0		
	-2 DON'T KNOW	40	.0		
	-1 NOT IN UNIVERSE	45567	46.5		

System	46312	47.2	
Total	91925	93.8	
Total	98047	100.0	

Notes: none

Universe: 1992, 2002, 2008, 2012

JOBS DO YOU HAVE MORE THAN ONE JOB?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	2022	2.1	5.9	5.9
	2 NO	32251	32.9	94.1	100.0
	Total	34273	35.0	100.0	
Missing	-1	20109	20.5		
	System	43665	44.5		
	Total	63774	65.0		
Total		98047	100.0		

Notes: none

Universe: 2002, 2008, 2012

LAND USE LAND USE

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Urban	30700	31.3	70.3	70.3
	2 Rural	12965	13.2	29.7	100.0
	Total	43665	44.5	100.0	
Missing	System	54382	55.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992

LANGUAGE SPANISH THE ONLY LANGUAGE SPOKEN IN THE HOUSEHOLD

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	36762	37.5	97.6	97.6
	1 SPANISH ONLY	922	.9	2.4	100.0
	Total	37684	38.4	100.0	
Missing	-1	16698	17.0		
	System	43665	44.5		
	Total	60363	61.6		
Total		98047	100.0		

Notes: none

Universe: 2002, 2008, 2012

LFSTATUS MONTHLY LABOR FORCE RECODE

		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	1 EMPLOYED-AT WORK	49914	50.9	58.6	58.6	
	2 EMPLOYED-ABSENT	3337	3.4	3.9	62.5	
	3 UNEMPLOYED-ON LAYOFF	274	.3	.3	62.8	
	4 UNEMPLOYED-LOOKING	2903	3.0	3.4	66.2	
	5 NOT IN LABOR FORCE-RETIRED	12493	12.7	14.7	80.9	
	6 NOT IN LABOR FORCE-DISABLED	3370	3.4	4.0	84.8	
	7 NOT IN LABOR FORCE-OTHER	12841	13.1	15.1	99.9	
	11 ARMED FORCES	90	.1	.1	100.0	
	Total	85222	86.9	100.0		
	Missing	-9	89	.1		
		System	12736	13.0		
Total		12825	13.1			
Total		98047	100.0			

Notes: In 1982 and 1985 all unemployed are coded as option 4: "unemployed looking". Also, the Armed Forces category was only used in 1985.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

LITERATURE READ NOVELS, SHORT STORIES, OTHER

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	17502	17.9	56.8	56.8
	2 NO	13330	13.6	43.2	100.0
	Total	30832	31.4	100.0	
Missing	System	67215	68.6		
Total		98047	100.0		

Notes: Later rounds of the SPPA asked separately about reading novels, short stories, plays, or poetry.

Universe: 1982, 1985

MARITAL MARITAL STATUS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 MARRIED	58525	59.7	59.7	59.7
	2 MARRIED - SPOUSE ABSENT	678	.7	.7	60.4
	3 WIDOWED	7363	7.5	7.5	67.9
	4 DIVORCED	9345	9.5	9.5	77.5
	5 SEPARATED	2302	2.3	2.3	79.8
	6 NEVER MARRIED	19795	20.2	20.2	100.0
	Total	98008	100.0	100.0	
	Missing	-1	16	.0	
	System	23	.0		
	Total	39	.0		
Total		98047	100.0		

Notes: Category 2 "Married-spouse absent" was only ascertained in 2002 and 2008.

Universe: 1982, 1985, 1992, 2002, 2008

METRO LIVES IN A PRINCIPAL CITY

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1	10016	10.2	10.2	10.2
	0 NO	63362	64.6	64.6	74.8
	1 YES	24669	25.2	25.2	100.0
Total		98047	100.0	100.0	

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

METRO_STATUS METROPOLITAN STATUS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 METROPOLITAN	41545	42.4	76.4	76.4
	2 NONMETROPOLITAN	12413	12.7	22.8	99.2
	3 NOT IDENTIFIED	424	.4	.8	100.0
	Total	54382	55.5	100.0	
Missing	System	43665	44.5		
Total		98047	100.0		

Notes: none

Universe: 2002, 2008, 2012

MONTH MONTH OF INTERVIEW

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 JANUARY	4986	5.1	5.1	5.1
	2 FEBRUARY	5033	5.1	5.1	10.2
	3 MARCH	5051	5.2	5.2	15.4
	4 APRIL	4766	4.9	4.9	20.2
	5 MAY	23530	24.0	24.0	44.2
	6 JUNE	4607	4.7	4.7	48.9
	7 JULY	21295	21.7	21.7	70.6
	8 AUGUST	19601	20.0	20.0	90.6
	9 SEPTEMBER	2142	2.2	2.2	92.8
	10 OCTOBER	2472	2.5	2.5	95.3
	11 NOVEMBER	2203	2.2	2.2	97.6
	12 DECEMBER	2254	2.3	2.3	99.9
98	107	.1	.1	100.0	
Total		98047	100.0	100.0	

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

MOTHER_EDUC MOTHER'S HIGHEST DEGREE OR LEVEL OF SCHOOL COMPLETED

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 LESS THAN 9TH GRADE	8544	8.7	21.0	21.0
	2 SOME HIGH SCHOOL	4696	4.8	11.6	32.6
	3 HIGH SCHOOL GRAD (GED)	17286	17.6	42.5	75.1
	4 SOME COLLEGE	4643	4.7	11.4	86.5
	5 COLLEGE GRADUATE	4257	4.3	10.5	97.0
	6 ADVANCED GRADUATE DEGREE	1231	1.3	3.0	100.0
	Total	40657	41.5	100.0	
Missing	-9 NO RESPONSE	502	.5		
	-3 REFUSED	877	.9		
	-2 DON'T KNOW	6450	6.6		
	-1 NOT IN UNIVERSE	19570	20.0		
	System	29991	30.6		
	Total	57390	58.5		
Total	98047	100.0			

Notes: Except in 2002, this question has been asked of only a random subset of respondents. Categories have been collapsed into the categories used on the 2008 and 2012 SPPA. In both 1982 and 1985 the SPPA did not ascertain whether or not a person who graduated college had an advanced college degree.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

MOTOR_VEHICLES TOTAL NUMBER OF MOTOR VEHICLES

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 None	3716	3.8	8.5	8.5
	1 One	11612	11.8	26.7	35.2
	2 Two	15744	16.1	36.2	71.4
	3 Three	7204	7.3	16.6	88.0
	4 Four or more	5212	5.3	12.0	100.0
Total	43488	44.4	100.0		
Missing	8 Residue	23	.0		
	System	54536	55.6		
Total	54559	55.6			
Total	98047	100.0			

Notes: none

Universe: 1982, 1985, 1992

MOVED_NUM NUMBER OF TIMES MOVED

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2713	2.8	40.9	40.9
	2	1577	1.6	23.8	64.7
	3	1076	1.1	16.2	80.9
	4	517	.5	7.8	88.7
	5	305	.3	4.6	93.3
	6	182	.2	2.7	96.1
	7	83	.1	1.3	97.3
	8	60	.1	.9	98.2
	9	32	.0	.5	98.7
	10	53	.1	.8	99.5
	11	5	.0	.1	99.6
	12	7	.0	.1	99.7
	13	2	.0	.0	99.7
	14	2	.0	.0	99.8
	15	6	.0	.1	99.8
	18	1	.0	.0	99.9
	20	3	.0	.0	99.9
	30	2	.0	.0	99.9
	40	2	.0	.0	100.0
	96	2	.0	.0	100.0
	Total	6630	6.8	100.0	
Missing	System	91417	93.2		
Total		98047	100.0		

Notes: none

Universe: 1985, 1992

MUSICAL LIVE MUSICAL STAGE PLAY DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	17058	17.4	17.6	17.6
	2 NO	79857	81.4	82.4	100.0
	Total	96915	98.8	100.0	
Missing	-9 NO RESPONSE	224	.2		
	-3 REFUSED	738	.8		
	-2 DON'T KNOW	170	.2		
	Total	1132	1.2		
Total	98047	100.0			

Notes: In 2008 the wording changed from "Did you go to a live musical stage play or an operetta during the last 12 months?" To "Did you go to a live musical stage play during the last 12 months?"

Universe: 1982, 1985, 1992, 2002, 2008, 2012

MUSICAL_M NUMBER OF TIMES ATTENDED MUSICALS LAST MONTH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 NONE IN LAST YEAR	25274	25.8	81.8	81.8
	1 ZERO	4117	4.2	13.3	95.1
	2 ONCE	1223	1.2	4.0	99.0
	3 2 TO 3 TIMES	258	.3	.8	99.9
	4 4 TO 5 TIMES	17	.0	.1	99.9
	5 6 OR MORE TIMES	20	.0	.1	100.0
	Total	30909	31.5	100.0	
Missing	System	67138	68.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985

MUSICAL_N HOW MANY MUSICAL STAGE PLAYS ATTENDED DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	5617	5.7	49.4	49.4
	2	3022	3.1	26.6	75.9
	3	1294	1.3	11.4	87.3
	4	575	.6	5.1	92.3
	5	289	.3	2.5	94.9
	6	290	.3	2.5	97.4
	7	104	.1	.9	98.3
	8	43	.0	.4	98.7
	9	10	.0	.1	98.8
	10	53	.1	.5	99.3
	11	7	.0	.1	99.3
	12	36	.0	.3	99.7
	13	4	.0	.0	99.7
	14	3	.0	.0	99.7
	15	5	.0	.0	99.8
	16	2	.0	.0	99.8
	17	1	.0	.0	99.8
	18	1	.0	.0	99.8
	20	10	.0	.1	99.9
	24	2	.0	.0	99.9
	25	2	.0	.0	99.9
	27	1	.0	.0	99.9
	30	1	.0	.0	99.9
35	1	.0	.0	99.9	
40	2	.0	.0	100.0	
43	1	.0	.0	100.0	
48	1	.0	.0	100.0	
220	1	.0	.0	100.0	
602	1	.0	.0	100.0	
	Total	11379	11.6	100.0	
Missing	-9 NO RESPONSE	2	.0		
	-3 REFUSED	2	.0		

	-2 DON'T KNOW	28	.0	
	-1 NOT IN UNIVERSE	41475	42.3	
	System	45161	46.1	
	Total	86668	88.4	
Total		98047	100.0	

Notes: none

Universe: 1992, 2002, 2008, 2012

OPERA LIVE OPERA DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	2698	2.8	2.8	2.8
	2 NO	94260	96.1	97.2	100.0
	Total	96958	98.9	100.0	
Missing	-9 NO RESPONSE	216	.2		
	-3 REFUSED	734	.7		
	-2 DON'T KNOW	139	.1		
	Total	1089	1.1		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

OPERA_M NUMBER OF TIMES ATTENDED OPERA LAST MONTH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 NONE IN LAST YEAR	29976	30.6	97.0	97.0
	1 ZERO	705	.7	2.3	99.3
	2 ONCE	170	.2	.6	99.9
	3 2 TO 3 TIMES	27	.0	.1	100.0
	4 4 TO 5 TIMES	4	.0	.0	100.0
	5 6 OR MORE TIMES	6	.0	.0	100.0
	Total	30888	31.5	100.0	
Missing	System	67159	68.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985

OPERA_N HOW MANY OPERAS ATTENDED DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1080	1.1	61.0	61.0
	2	371	.4	21.0	82.0
	3	127	.1	7.2	89.2
	4	62	.1	3.5	92.7
	5	48	.0	2.7	95.4
	6	39	.0	2.2	97.6
	7	10	.0	.6	98.1
	8	8	.0	.5	98.6
	9	11	.0	.6	99.2
	10	5	.0	.3	99.5
	12	3	.0	.2	99.7
	13	1	.0	.1	99.7
	14	1	.0	.1	99.8
	15	2	.0	.1	99.9
	24	1	.0	.1	99.9
	30	1	.0	.1	100.0
		Total	1770	1.8	100.0
Missing	-3 REFUSED	1	.0		
	-2 DON'T KNOW	10	.0		
	-1 NOT IN UNIVERSE	48696	49.7		
	System	47570	48.5		
	Total	96277	98.2		
Total		98047	100.0		

Notes: none

Universe: 1992, 2002, 2008, 2012

OWN_RENT ARE YOUR LIVING QUARTERS ...

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1	8123	8.3	8.3	8.3
	1 OWNED OR BEING BOUGHT BY A HH MEMBER	63593	64.9	64.9	73.1
	2 RENTED FOR CASH	25000	25.5	25.5	98.6
	3 OCCUPIED WITHOUT PAYMENT OF CASH RENT	1331	1.4	1.4	100.0
	Total	98047	100.0	100.0	

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008

PARK DURING THE LAST 12 MONTHS VISIT AN HISTORIC PARK OR MONUMENT, OR TOUR BUILDING OR NEIGHBORHOODS FOR THEIR HISTORIC OR DESIGN VALUE

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	21987	22.4	30.4	30.4
	2 NO	50344	51.3	69.6	100.0
	Total	72331	73.8	100.0	
Missing	-9 NO RESPONSE	362	.4		
	-3 REFUSED	785	.8		
	-2 DON'T KNOW	233	.2		
	System	24336	24.8		
	Total	25716	26.2		
Total		98047	100.0		

Notes: In 1982 and 1985, this question was not part of the core questions and was only asked of a random subset of respondents.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

PARK_N NUMBER OF TIMES WENT TO A HISTORIC PARK PAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3738	3.8	38.0	38.0
	2	2420	2.5	24.6	62.7
	3	1253	1.3	12.8	75.4
	4	701	.7	7.1	82.6
	5	431	.4	4.4	87.0
	6	410	.4	4.2	91.1
	7	57	.1	.6	91.7
	8	88	.1	.9	92.6
	9	15	.0	.2	92.8
	10	226	.2	2.3	95.1
	11	7	.0	.1	95.1
	12	187	.2	1.9	97.0
	13	2	.0	.0	97.0
	14	4	.0	.0	97.1
	15	63	.1	.6	97.7
	16	1	.0	.0	97.7
	17	3	.0	.0	97.8
	18	7	.0	.1	97.8
	19	1	.0	.0	97.9
	20	90	.1	.9	98.8
	21	1	.0	.0	98.8
	22	3	.0	.0	98.8
	23	1	.0	.0	98.8
	24	11	.0	.1	98.9
	25	23	.0	.2	99.2
	27	1	.0	.0	99.2
	28	2	.0	.0	99.2
	30	24	.0	.2	99.4
	35	3	.0	.0	99.5
	40	4	.0	.0	99.5
	50	19	.0	.2	99.7
	52	4	.0	.0	99.7

55	1	.0	.0	99.8
60	3	.0	.0	99.8
80	2	.0	.0	99.8
82	1	.0	.0	99.8
100	9	.0	.1	99.9
150	2	.0	.0	99.9
180	1	.0	.0	99.9
300	2	.0	.0	100.0
360	1	.0	.0	100.0
365	2	.0	.0	100.0
996	1	.0	.0	100.0
Total	9825	10.0	100.0	
Missing	-1 NIU	8331	8.5	
	System	79891	81.5	
	Total	88222	90.0	
Total	98047	100.0		

Notes: none

Universe: 1992, 2002

PLAY LIVE NON-MUSICAL STAGE PLAY DURING THE LAST 12 MONTHS

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid				
1 YES	11181	11.4	11.5	11.5
2 NO	85678	87.4	88.5	100.0
Total	96859	98.8	100.0	
Missing				
-9 NO RESPONSE	269	.3		
-3 REFUSED	746	.8		
-2 DON'T KNOW	173	.2		
Total	1188	1.2		
Total	98047	100.0		

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

PLAY_M NUMBER OF TIMES ATTENDED PLAYS LAST MONTH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 NONE IN LAST YEAR	27157	27.7	87.9	87.9
	1 ZERO	2780	2.8	9.0	96.9
	2 ONCE	759	.8	2.5	99.4
	3 2 TO 3 TIMES	167	.2	.5	99.9
	4 4 TO 5 TIMES	19	.0	.1	100.0
	5 6 OR MORE TIMES	12	.0	.0	100.0
	Total	30894	31.5	100.0	
Missing	System	67153	68.5		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985

PLAY_N HOW MANY NON-MUSICAL STAGE PLAYS ATTENDED DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	3627	3.7	49.0	49.0
	2	1902	1.9	25.7	74.7
	3	739	.8	10.0	84.7
	4	391	.4	5.3	90.0
	5	232	.2	3.1	93.1
	6	205	.2	2.8	95.9
	7	53	.1	.7	96.6
	8	93	.1	1.3	97.9
	9	10	.0	.1	98.0
	10	69	.1	.9	98.9
	11	6	.0	.1	99.0
	12	29	.0	.4	99.4
	13	1	.0	.0	99.4
	14	1	.0	.0	99.4
	15	13	.0	.2	99.6
	18	4	.0	.1	99.7

	20	4	.0	.1	99.7
	21	1	.0	.0	99.7
	22	1	.0	.0	99.8
	24	3	.0	.0	99.8
	25	3	.0	.0	99.8
	26	1	.0	.0	99.9
	30	3	.0	.0	99.9
	35	1	.0	.0	99.9
	36	1	.0	.0	99.9
	40	2	.0	.0	99.9
	48	1	.0	.0	100.0
	50	2	.0	.0	100.0
	52	1	.0	.0	100.0
	Total	7399	7.5	100.0	
Missing	-2 DON'T KNOW	25	.0		
	-1 NOT IN UNIVERSE	44656	45.5		
	System	45967	46.9		
	Total	90648	92.5		
Total		98047	100.0		

Notes: none

Universe: 1992, 2002, 2008, 2012

RACE

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 White Only	84392	86.1	86.1	86.1
	2 Black Only	9267	9.5	9.5	95.5
	3 American Indian, Alaskan Native Only	664	.7	.7	96.2
	4 Asian or Hawaiian/Pacific Islander Only	2690	2.7	2.7	98.9
	5	70	.1	.1	99.0
	6 White-Black	85	.1	.1	99.1
	7 White-AI	292	.3	.3	99.4
	8 White-Asian	60	.1	.1	99.5
	9 White-Hawaiian	29	.0	.0	99.5
	10 Black-AI	28	.0	.0	99.5
	11 Black-Asian	1	.0	.0	99.5
	13 AI-Asian	1	.0	.0	99.5
	14 Asian-HP	11	.0	.0	99.5
	15 W-B-AI	23	.0	.0	99.6
	16 W-B-A	4	.0	.0	99.6
	17 W-AI-A	2	.0	.0	99.6
	18 W-A-HP	8	.0	.0	99.6
	19 W-B-AI-A	3	.0	.0	99.6
	21 4 or 5 Races	14	.0	.0	99.6
	30 OTHER (1982)	403	.4	.4	100.0
	Total	98047	100.0	100.0	

Notes: In 1982, race categories are coded simply White (1), Black (2), or other (30) and option category 30 is only relevant for 1982 respondents. For 1985, 1992, and 2002, all respondents are coded as being White (1), Black (2), American Indian/Alaskan Native (3), or Asian/Hawaiian/Pacific Islander (4). The multi-race categories 6 through 21 are only used for coding the 2008 respondents.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

**READ_NOVELS DURING THE LAST 12 MONTHS DID YOU READ ANY NOVELS OR SHORT
STORIES**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	31931	32.6	48.9	48.9
	2 NO	33427	34.1	51.1	100.0
	Total	65358	66.7	100.0	
Missing	-9 NO RESPONSE	254	.3		
	-3 REFUSED	887	.9		
	-2 DON'T KNOW	561	.6		
	System	30987	31.6		
	Total	32689	33.3		
	Total	98047	100.0		

Notes: People were asked if they read novels before being asked if they read plays or poetry in 2008, while in 1992 and 2002 the people were asked about reading novels after being asked about reading plays or poetry.

Universe: 1992, 2002, 2008, 2012

READ_PLAYS DURING THE LAST 12 MONTHS DID YOU READ ANY PLAYS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	2285	2.3	3.5	3.5
	2 NO	63066	64.3	96.5	100.0
	Total	65351	66.7	100.0	
Missing	-3 REFUSED	3	.0		
	-2 DON'T KNOW	122	.1		
	-1 NOT IN UNIVERSE	1564	1.6		
	System	31007	31.6		
	Total	32696	33.3		
	Total	98047	100.0		

Notes: People were asked if they read novels before being asked if they read plays or poetry in 2008, while in 1992 and 2002 the people were asked about reading novels after being asked about reading plays or poetry.

Universe: 1992, 2002, 2008, 2012

READ_POETRY DURING THE LAST 12 MONTHS DID YOU READ ANY POETRY

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	7125	7.3	10.9	10.9
	2 NO	58226	59.4	89.1	100.0
	Total	65351	66.7	100.0	
Missing	-3 REFUSED	3	.0		
	-2 DON'T KNOW	126	.1		
	-1 NOT IN UNIVERSE	1564	1.6		
	System	31003	31.6		
	Total	32696	33.3		
Total		98047	100.0		

Notes: People were asked if they read novels before being asked if they read plays or poetry in 2008, while in 1992 and 2002 the people were asked about reading novels after being asked about reading plays or poetry.

Universe: 1992, 2002, 2008, 2012

REGION

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 NORTHEAST	10780	11.0	19.8	19.8
	2 MIDWEST	13262	13.5	24.4	44.2
	3 SOUTH	17330	17.7	31.9	76.1
	4 WEST	13010	13.3	23.9	100.0
	Total	54382	55.5	100.0	
Missing	System	43665	44.5		
Total		98047	100.0		

Notes: none

Universe: 2002, 2008, 2012

SALSA LIVE LATIN, SPANISH OR SALSA MUSIC PERFORMANCE DURING THE LAST 12 MONTHS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	1245	1.3	4.4	4.4
	2 NO	26783	27.3	95.6	100.0
	Total	28028	28.6	100.0	
Missing	-9 NO RESPONSE	79	.1		
	-3 REFUSED	721	.7		
	-2 DON'T KNOW	89	.1		
	-1 NOT IN UNIVERSE	8330	8.5		
	System	60800	62.0		
	Total	70019	71.4		
	Total	98047	100.0		

Notes: none

Universe: 2008, 2012

**SALSA_N HOW MANY LATIN, SPANISH, OR SALSA PERFORMANCES ATTENDED DURING THE
LAST 12 MONTHS**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	613	.6	50.0	50.0
	2	312	.3	25.5	75.5
	3	103	.1	8.4	83.9
	4	56	.1	4.6	88.5
	5	35	.0	2.9	91.3
	6	31	.0	2.5	93.9
	7	3	.0	.2	94.1
	8	12	.0	1.0	95.1
	9	1	.0	.1	95.2
	10	18	.0	1.5	96.7
	12	31	.0	2.5	99.2
	20	2	.0	.2	99.3
	24	1	.0	.1	99.4
	25	1	.0	.1	99.5
	48	1	.0	.1	99.6
	50	1	.0	.1	99.7
	52	2	.0	.2	99.8
	97	2	.0	.2	100.0
	Total		1225	1.2	100.0
Missing	-2 DON'T KNOW	20	.0		
	-1 NOT IN UNIVERSE	36002	36.7		
	System	60800	62.0		
	Total	96822	98.8		
Total		98047	100.0		

Notes: none

Universe: 2008, 2012

SMSA_STATUS 1980 MSA STATUS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Central city of an (S)MSA	12701	13.0	29.1	29.1
	2 In (S)MSA but not in central city	18715	19.1	42.9	71.9
	3 Not (S)MSA	12249	12.5	28.1	100.0
	Total	43665	44.5	100.0	
Missing	System	54382	55.5		
Total		98047	100.0		

Notes: none

Universe: 1992, 2002, 2008, 2012

TELEPHONE IS THERE A TELEPHONE IN THIS HOUSEHOLD

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 YES	94055	95.9	96.0	96.0
	2 NO	3945	4.0	4.0	100.0
	Total	98000	100.0	100.0	
Missing	System	47	.0		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

TENURE_MONTHS NUMBER OF MONTHS LIVED AT ADDRESS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	541	.6	17.4	17.4
	2	438	.4	14.1	31.4
	3	421	.4	13.5	45.0
	4	351	.4	11.3	56.2
	5	374	.4	12.0	68.3
	6	452	.5	14.5	82.8
	7	154	.2	4.9	87.7
	8	156	.2	5.0	92.7
	9	119	.1	3.8	96.6
	10	64	.1	2.1	98.6
	11	43	.0	1.4	100.0
Total		3113	3.2	100.0	
Missing	System	94934	96.8		
Total		98047	100.0		

Notes: none

Universe: 1982, 1985

TENURE_YEARS: NUMBER OF YEARS LIVED AT ADDRESS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	874	1.1	7.9	7.9
	2	1067	1.3	9.6	17.5
	3	906	1.1	8.2	25.7
	4	733	.9	6.6	32.3
	5	839	1.1	7.6	39.9
	6	496	.6	4.5	44.4
	7	419	.5	3.8	48.2
	8	394	.5	3.6	51.7
	9	230	.3	2.1	53.8
	10	316	.4	2.9	56.7
	11	240	.3	2.2	58.8
	12	348	.4	3.1	62.0
	13	234	.3	2.1	64.1
	14	267	.3	2.4	66.5
	15	296	.4	2.7	69.2
	16	189	.2	1.7	70.9
	17	178	.2	1.6	72.5
	18	254	.3	2.3	74.8

19	160	.2	1.4	76.2
20	333	.4	3.0	79.2
21	153	.2	1.4	80.6
22	149	.2	1.3	82.0
23	132	.2	1.2	83.2
24	127	.2	1.1	84.3
25	185	.2	1.7	86.0
26	103	.1	.9	86.9
27	88	.1	.8	87.7
28	111	.1	1.0	88.7
29	64	.1	.6	89.3
30	176	.2	1.6	90.9
31	58	.1	.5	91.4
32	76	.1	.7	92.1
33	45	.1	.4	92.5
34	60	.1	.5	93.0
35	101	.1	.9	93.9
36	50	.1	.5	94.4
37	67	.1	.6	95.0
38	56	.1	.5	95.5
39	25	.0	.2	95.7
40	104	.1	.9	96.7
41	41	.1	.4	97.0
42	39	.0	.4	97.4
43	36	.0	.3	97.7
44	26	.0	.2	98.0
45	32	.0	.3	98.2
46	15	.0	.1	98.4
47	13	.0	.1	98.5
48	15	.0	.1	98.6
49	12	.0	.1	98.7
50	41	.1	.4	99.1
51	10	.0	.1	99.2
52	7	.0	.1	99.3
53	3	.0	.0	99.3
54	4	.0	.0	99.3
55	6	.0	.1	99.4
56	5	.0	.0	99.4
57	2	.0	.0	99.4
58	2	.0	.0	99.5
60	5	.0	.0	99.5
61	3	.0	.0	99.5
62	5	.0	.0	99.6
63	2	.0	.0	99.6
64	3	.0	.0	99.6
65	5	.0	.0	99.7
66	2	.0	.0	99.7

67	3	.0	.0	99.7
68	1	.0	.0	99.7
69	1	.0	.0	99.7
70	2	.0	.0	99.8
71	3	.0	.0	99.8
72	4	.0	.0	99.8
74	4	.0	.0	99.9
75	4	.0	.0	99.9
76	1	.0	.0	99.9
77	1	.0	.0	99.9
78	1	.0	.0	99.9
79	2	.0	.0	99.9
81	2	.0	.0	100.0
82	1	.0	.0	100.0
85	1	.0	.0	100.0
94	1	.0	.0	100.0
96	2	.0	.0	100.0
Total	11071	14.0	100.0	
Missing System	68173	86.0		
Total	79244	100.0		

Notes: none
Universe: 1982, 1985

VARSTRAT PSUEDO STRATUM VARIABLE FOR ESTIMATING VARIANCE

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1	1257	1.3	1.3	1.3
2	1236	1.3	1.3	2.5
3	1224	1.2	1.2	3.8
4	1195	1.2	1.2	5.0
5	1184	1.2	1.2	6.2
6	1217	1.2	1.2	7.5
7	1229	1.3	1.3	8.7
8	1231	1.3	1.3	10.0
9	1245	1.3	1.3	11.2
10	1263	1.3	1.3	12.5
11	1225	1.2	1.2	13.8
12	1208	1.2	1.2	15.0
13	1257	1.3	1.3	16.3
14	1192	1.2	1.2	17.5

15	1219	1.2	1.2	18.7
16	1196	1.2	1.2	20.0
17	1218	1.2	1.2	21.2
18	1217	1.2	1.2	22.5
19	1215	1.2	1.2	23.7
20	1206	1.2	1.2	24.9
21	1264	1.3	1.3	26.2
22	1274	1.3	1.3	27.5
23	1197	1.2	1.2	28.7
24	1203	1.2	1.2	30.0
25	1292	1.3	1.3	31.3
26	1219	1.2	1.2	32.5
27	1273	1.3	1.3	33.8
28	1247	1.3	1.3	35.1
29	1234	1.3	1.3	36.3
30	1222	1.2	1.2	37.6
31	1219	1.2	1.2	38.8
32	1211	1.2	1.2	40.1
33	1237	1.3	1.3	41.3
34	1236	1.3	1.3	42.6
35	1236	1.3	1.3	43.9
36	1209	1.2	1.2	45.1
37	1253	1.3	1.3	46.4
38	1252	1.3	1.3	47.6
39	1212	1.2	1.2	48.9
40	1256	1.3	1.3	50.2
41	1219	1.2	1.2	51.4
42	1268	1.3	1.3	52.7
43	1215	1.2	1.2	53.9
44	1169	1.2	1.2	55.1
45	1231	1.3	1.3	56.4
46	1252	1.3	1.3	57.7
47	1219	1.2	1.2	58.9
48	1188	1.2	1.2	60.1
49	1239	1.3	1.3	61.4

50	1243	1.3	1.3	62.6
51	1171	1.2	1.2	63.8
52	1208	1.2	1.2	65.1
53	1238	1.3	1.3	66.3
54	1264	1.3	1.3	67.6
55	1233	1.3	1.3	68.9
56	1227	1.3	1.3	70.1
57	1268	1.3	1.3	71.4
58	1220	1.2	1.2	72.7
59	1205	1.2	1.2	73.9
60	1245	1.3	1.3	75.2
61	1246	1.3	1.3	76.4
62	1173	1.2	1.2	77.6
63	1241	1.3	1.3	78.9
64	1260	1.3	1.3	80.2
65	1231	1.3	1.3	81.4
66	1236	1.3	1.3	82.7
67	1237	1.3	1.3	84.0
68	1234	1.3	1.3	85.2
69	1228	1.3	1.3	86.5
70	1227	1.3	1.3	87.7
71	1224	1.2	1.2	89.0
72	1190	1.2	1.2	90.2
73	1201	1.2	1.2	91.4
74	1202	1.2	1.2	92.6
75	1185	1.2	1.2	93.8
76	1259	1.3	1.3	95.1
77	1193	1.2	1.2	96.4
78	1210	1.2	1.2	97.6
79	1187	1.2	1.2	98.8
80	1181	1.2	1.2	100.0
Total	98047	100.0	100.0	

Notes: This variable used with VARUNIT can be used to estimate the standard error or variance for each survey estimate. This variable is described in more detail in the appendix on weighting procedures and variance estimation.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

VARUNIT PSUEDI PRIMARY SAMPLING UNIT VARIABLE FOR ESTIMATING

VARIANCE

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	49070	50.0	50.0	50.0
	2	48977	50.0	50.0	100.0
	Total	98047	100.0	100.0	

VARUNIT: VARIANCE ESTIMATION UNIT

Notes: This variable used with VARSTRAT can be used to estimate the standard error or variance for each survey estimate. This variable is described in more detail in the appendix on weighting procedures and variance estimation.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

WEIGHT: SPPA CROSS SECTIONAL WEIGHT

Notes: This is the weight variable that should be used to produce estimates for a particular year when comparing estimates across years. This variable is described in more detail in the appendix on weighting procedures and variance estimation.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

WEIGHT_NORMALIZED: SPPA NORMALIZED WEIGHT

Notes: This is the weight variable that should be used for pooling data across years and producing estimates that combine data across years. This variable is described in more detail in the appendix on weighting procedures and variance estimation.

Universe: 1982, 1985, 1992, 2002, 2008, 2012

YEAR OF INTERVIEW

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1982	17254	17.6	17.6	17.6
	1985	13675	13.9	13.9	31.5
	1992	12736	13.0	13.0	44.5
	2002	17135	17.5	17.5	62.0
	2008	18444	18.8	18.8	80.8
	2012	18803	19.2	19.2	100.0
	Total	98047	100.0	100.0	

Notes: none

Universe: 1982, 1985, 1992, 2002, 2008, 2012

APPENDIX

Weighting and variance estimation for the combined 1982, 1985, 1992, 2002, 2008 and 2012 Survey of Public Participation in the Arts (SPPA)

Survey Weights

Using survey weights is necessary because they accomplish the following objectives:

- Reflect differential probabilities of selection for households and persons;
- Reduce bias due to nonresponse;
- Adjust, to the extent possible, for undercoverage in the sampling frame and in the conduct of the survey; and
- Reduce the variance of the estimates by using auxiliary information.

There are two final weight variables included on the combined SPPA data file: “weight” and “weight_normalized”. The weight variable, when applied to the sample data, allows researchers to produce national estimates for all persons 18 years of age or older for any particular year. This weight should be used for virtually all estimates where the goal is to compare population totals, proportions or percentages across years. The weight_normalized is simply the weight variable normalized back to the sample size for each year. You will obtain the same proportion or percentage estimates using either the weight_normalized or weight variable, but the population count for the estimates using the weight variable will sum to the total U.S. population while estimates using the weight_normalized will sum to the total survey sample size. If your analysis involves combining data over time rather than comparing data at a point in time, then you should be using the weight_normalized. An example of analysis that combines data (and calls for using weight_normalized) is comparing the characteristics of people who reported attending opera from 1992 through 2012 with people who reported visiting an art museum during that same time period.

Variance Estimation Using the Average Design Effect

Post-data collection statistical adjustments require analysis procedures that depart from simple random sampling. This departure can be measured by estimating the “design effect” associated with the weighted estimate. The term design effect is used to describe the variance of the weighted sample estimate relative to the variance of an estimate that assumes a simple random sample. In a wide range of situations, the adjusted *standard error* of a statistic should be calculated by multiplying the usual formula by the design effect (deft). Thus, the formula for computing the 95% confidence interval around a percentage is:

$$\hat{p} \pm \left(deft \times 1.96 \sqrt{\frac{\hat{p}(1 - \hat{p})}{n}} \right)$$

where \hat{p} is the sample estimate and n is the unweighted number of sample cases in the group being considered.

To facilitate estimation of the survey design effect, two variables (VARSTRAT and VARUNIT) have been added to the SPPA combined data file. The basic ideal for using VARSTRAT and VARUNIT for calculating standard errors is that it allows for the basic implementation of a delete-one jackknife approach of estimating the variance or for using the Taylor series linearization estimation method for estimating variance.

In assigning the VARSTRAT and VARUNIT values we can assume a stratified random probability sample with clustering due to multiple interviews conducted in the same households. To account for the within household clustering, people from the same household were assigned the same VARSTRAT and VARUNIT values. Each year’s sample was divided into 80 pseudo sampling strata (more on why 80 later) which are stratified by the weighting adjustment. Then, within each of these 80 strata, a primary sampling unit (PSU) value of 1 or 2 is assigned to individuals so that people with similar weights are paired. Since the design effect estimate will be done by dropping within a stratum the PSU value of either 1 or 2, the design effects will be lower for variables in which people that have similar weights provide similar responses. However, if they don’t provide similar answers (especially those people with bigger weights) then that item will have a larger design effect, which is the danger of having large weights.

We could have used more than 80 strata to perhaps get a more precise design effect estimate. However, after a certain size the estimates don't improve much and variance of the estimate within a stratum (they can start getting pretty small) itself becomes a concern. In fact, with too many strata it becomes hard to use VARSTRAT and VARUNIT for subgroup analysis – because there might be some empty variance strata.

The most common way of using VARSTRAT and VARUNIT to obtain standard errors for an estimate is to use a Taylor series linearization approach. The Taylor series approximation (or any other related linearization method) uses the full sample weight along with variables describing the structure of the weights (VARSTRAT and VARUNIT) to obtain corrected standard errors. A linearization method can be run using advanced statistical software such as “SUDAAN” or “WesVar”. Also, users can use the “SVY” commands in STATA, the “PROC SURVEYMEANS” and “PROC SURVEYREG” commands in SAS, or the “CSELECT” complex samples procedures in the SPSS complex samples module. In addition, the online statistical tools at Princeton University's Cultural Policy & the Arts National Data Archive (CPANDA) can produce adjusted standard error estimates based on a Taylor series approximation.