

**BRFSS CASRO RESPONSE RATE ESTIMATES
BY STATE, 1986-1990**

State	1986		1987		1988		1989		1990	
	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet
AL	79	Y	82	Y	96	Y	98	Y	92.6	Y
AZ	53	N	56	N	65	N	60	N	63.9	N
CA	54	N	43	N	57	N	64	N	62.4	N
CO	NA	NA	NA	NA	NA	NA	NA	NA	73.4	N
CT	NA	NA	NA	NA	56	N	51	N	58.7	N
DC	65	N	64	N	72	N	74	N	68.2	N
DE	NA	NA	NA	NA	NA	NA	NA	NA	37.9	N
FL	51	N	53	N	66	N	64	N	64.6	N
GA	55	N	57	N	60	N	73	N	76.8	Y
HI	68	N	68	N	67	N	63	N	61.2	N
IA	NA	NA	NA	NA	77	Y	70	N	71.7	N
ID	56	N	56	N	63	N	66	N	66.5	N
IL	55	N	53	N	61	N	64	N	71.8	N
IN	78	Y	79	Y	81	Y	78	Y	81.8	Y
KY	78	Y	74	N	69	N	68	N	67.6	N
MA	50	N	57	N	65	N	47	N	56.5	N
MD	NA	NA	46	N	49	N	62	N	60.1	N
ME	NA	NA	61	N	57	N	66	N	73.5	N
MI	NA	NA	NA	NA	NA	NA	55	N	54.1	N
MN	64	N	73	N	70	N	72	N	76.2	Y
MO	60	N	65	N	67	N	67	N	64.1	N
MS	NA	NA	NA	NA	NA	NA	NA	NA	68.1	N
MT	79	Y	71	N	69	N	72	N	72.9	N
NC	70	N	60	N	66	N	64	N	68.7	N
ND	79	Y	81	Y	84	Y	83	Y	73.7	N
NE	NA	NA	70	N	70	N	64	N	64.4	N
NH	NA	NA	62	N	62	N	65	N	69.4	N
NM	73	N	71	N	71	N	60	N	61.2	N
NY	59	N	62	N	58	N	50	N	59.4	N
OH	57	N	64	N	56	N	54	N	57.7	N
OK	NA	NA	NA	NA	61	N	66	N	59.7	N
OR	NA	NA	NA	NA	NA	NA	61	N	63.0	N
PA	NA	NA	NA	NA	NA	NA	54	N	62.1	N
RI	38	N	73	N	66	N	65	N	64.9	N
SC	73	N	85	Y	81	Y	87	Y	64.6	N
SD	NA	NA	76	Y	83	Y	84	Y	82.4	Y
TN	60	N	59	N	58	N	68	N	64.9	N
TX	NA	NA	58	N	57	N	66	N	64.5	N
UT	55	N	60	N	57	N	61	N	67.3	N
VA	NA	NA	NA	NA	NA	NA	53	N	68.4	N
VT	NA	NA	NA	NA	NA	NA	NA	NA	65.8	N
WA	NA	NA	68	N	69	N	65	N	61.1	N
WI	79	Y	80	Y	78	Y	79	Y	78.1	Y
WV	75	Y	70	N	72	N	69	N	68.8	N
MEDIAN	62	N	64	N	66	N	65	N	65.4	N
RANGE	38-79	7 of 26	43-85	6 of 33	49-96	7 of 36	47-98	6 of 40	37.9-92.6	8 of 44

*Excluding wind-down records except MI

** Query CATI pilot site

**BRFSS UPPER BOUND RESPONSE RATE ESTIMATES
BY STATE, 1986-1990**

State	1986		1987		1988		1989		1990	
	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet
AL	92	Y	94	Y	98	Y	99	Y	97.3	Y
AZ	75	N	83	N	86	N	84	N	84.1	N
CA	85	N	77	N	80	N	83	N	82.1	N
CO	NA	NA	NA	NA	NA	NA	NA	NA	82.4	N
CT	NA	NA	NA	NA	73	N	63	N	64.9	N
DC	84	N	79	N	91	Y	92	Y	87.1	N
DE	NA	NA	NA	NA	NA	NA	NA	NA	80.4	N
FL	71	N	74	N	84	N	83	N	82.4	N
GA	81	N	81	N	82	N	88	N	88.4	N
HI	89	N	84	N	83	N	79	N	80.6	N
IA	NA	NA	NA	NA	90	Y	88	N	90.2	Y
ID	72	N	82	N	79	N	79	N	90.7	Y
IL	70	N	74	N	81	N	83	N	85.3	N
IN	91	Y	90	Y	92	Y	94	Y	92.3	Y
KY	94	Y	94	Y	94	Y	91	Y	88.5	N
MA	70	N	74	N	83	N	64	N	64.1	N
MD	NA	NA	68	N	70	N	79	N	84.9	N
ME	NA	NA	78	N	81	N	84	N	86.9	N
MI	NA	NA	NA	NA	NA	NA	81	N	91.7	Y
MN	75	N	87	N	87	N	86	N	88.8	N
MO	80	N	80	N	83	N	82	N	78.9	N
MS	NA	NA	NA	NA	NA	NA	NA	NA	82.0	N
MT	86	N	85	N	87	N	89	N	90.9	Y
NC	91	Y	89	N	86	N	84	N	84.7	N
ND	90	Y	90	Y	93	Y	93	Y	91.3	Y
NE	NA	NA	87	N	87	N	83	N	82.2	N
NH	NA	NA	78	N	81	N	83	N	80.1	N
NM	89	N	81	N	84	N	74	N	76.3	N
NY	85	N	87	N	81	N	79	N	81.8	N
OH	76	N	81	N	74	N	71	N	76.2	N
OK	NA	NA	NA	NA	78	N	79	N	73.1	N
OR	NA	NA	NA	NA	NA	NA	76	N	74.9	N
PA	NA	NA	NA	NA	NA	NA	69	N	68.0	N
RI	74	N	83	N	77	N	80	N	85.8	N
SC	88	N	95	Y	92	Y	95	Y	85.3	N
SD	NA	NA	91	Y	95	Y	94	Y	94.7	Y
TN	74	N	72	N	70	N	83	N	80.8	N
TX	NA	NA	73	N	72	N	78	N	75.7	N
UT	88	N	84	N	85	N	87	N	90.1	Y
VA	NA	NA	NA	NA	NA	NA	74	N	81.0	N
VT	NA	NA	NA	NA	NA	NA	NA	NA	88.2	N
WA	NA	NA	87	N	81	N	73	N	87.1	N
WI	86	N	86	N	83	N	83	N	81.8	N
WV	90	Y	84	N	86	N	85	N	82.1	N
MEDIAN	85	N	83	N	83	N	83	N	83.3	N
RANGE	70-94	6 of 26	68-95	6 of 33	70-98	8 of 36	63-99	7 of 40	64.1-97.3	9 of 44

*Excluding wind-down records except MI

**Query CATI pilot site

**BRFSS EFFICIENCY RATES
BY STATE, 1986-1990**

State	1986		1987		1988		1989		1990	
	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet	Rate	ObjMet
AL	52	Y	55	Y	68	Y	67	Y	63.8	Y
AZ	32	N	32	N	37	N	31	N	32.6	N
CA	31	N	25	N	35	N	36	N	33.8	N
CO	NA	NA	NA	NA	NA	NA	NA	NA	41.1	Y
CT	NA	NA	NA	NA	33	N	29	N	19.2	N
DC	34	N	37	N	39	N	31	N	26.0	N
DE	NA	NA	NA	NA	NA	NA	NA	NA	23.8	N
FL	29	N	28	N	39	N	36	N	37.0	N
GA	39	N	36	N	32	N	45	Y	44.3	Y
HI	44	Y	41	Y	40	Y	34	N	31.1	N
IA	NA	NA	NA	NA	47	Y	43	Y	46.3	Y
ID	31	N	32	N	35	N	40	Y	39.6	N
IL	35	N	33	N	35	N	37	N	35.7	N
IN	52	Y	52	Y	49	Y	53	Y	50.1	Y
KY	44	Y	44	Y	41	Y	40	Y	39.8	N
MA	34	N	39	N	43	Y	26	N	20.8	N
MD	NA	NA	23	N	27	N	35	N	34.6	N
ME	NA	NA	40	Y	37	N	38	N	44.2	Y
MI	NA	NA	NA	NA	NA	NA	34	N	33.5	N
MN	42	Y	48	Y	46	Y	47	Y	48.1	Y
MO	38	N	42	Y	45	Y	43	Y	39.1	N
MS	NA	NA	NA	NA	NA	NA	NA	NA	43.1	Y
MT	42	Y	41	Y	36	N	41	Y	39.2	N
NC	39	N	35	N	38	N	32	N	38.8	N
ND	44	Y	46	Y	44	Y	44	Y	43.3	Y
NE	NA	NA	30	N	30	N	28	N	30.0	N
NH	NA	NA	38	N	30	N	36	N	43.7	Y
NM	45	Y	43	Y	43	Y	38	N	36.6	N
NY	38	N	40	Y	33	N	29	N	35.2	N
OH	30	N	37	N	29	N	29	N	28.5	N
OK	NA	NA	NA	NA	34	N	42	Y	34.6	N
OR	NA	NA	NA	NA	NA	NA	38	N	39.5	N
PA	NA	NA	NA	NA	NA	NA	28	N	20.8	N
RI	26	N	47	Y	41	Y	38	N	35.7	N
SC	47	Y	48	Y	46	Y	40	Y	34.9	N
SD	NA	NA	39	N	49	Y	52	Y	52.2	Y
TN	39	N	38	N	39	N	41	Y	42.1	Y
TX	NA	NA	30	N	29	N	36	N	34.1	N
UT	31	N	35	N	33	N	33	N	39.1	N
VA	NA	NA	NA	NA	NA	NA	31	N	39.6	N
VT	NA	NA	NA	NA	NA	NA	NA	NA	37.0	N
WA	NA	NA	41	Y	45	Y	41	Y	40.3	Y
WI	28	N	30	N	29	N	29	N	28.0	N
WV	48	Y	46	Y	41	Y	43	Y	45.9	Y
MEDIAN	38.5	N	39	N	38.5	N	37.5	N	37.9	N
RANGE	26-52	10 of 26	23-55	15 of 33	27-68	15 of 36	26-67	16 of 40	19.2-63.8	14 of 44

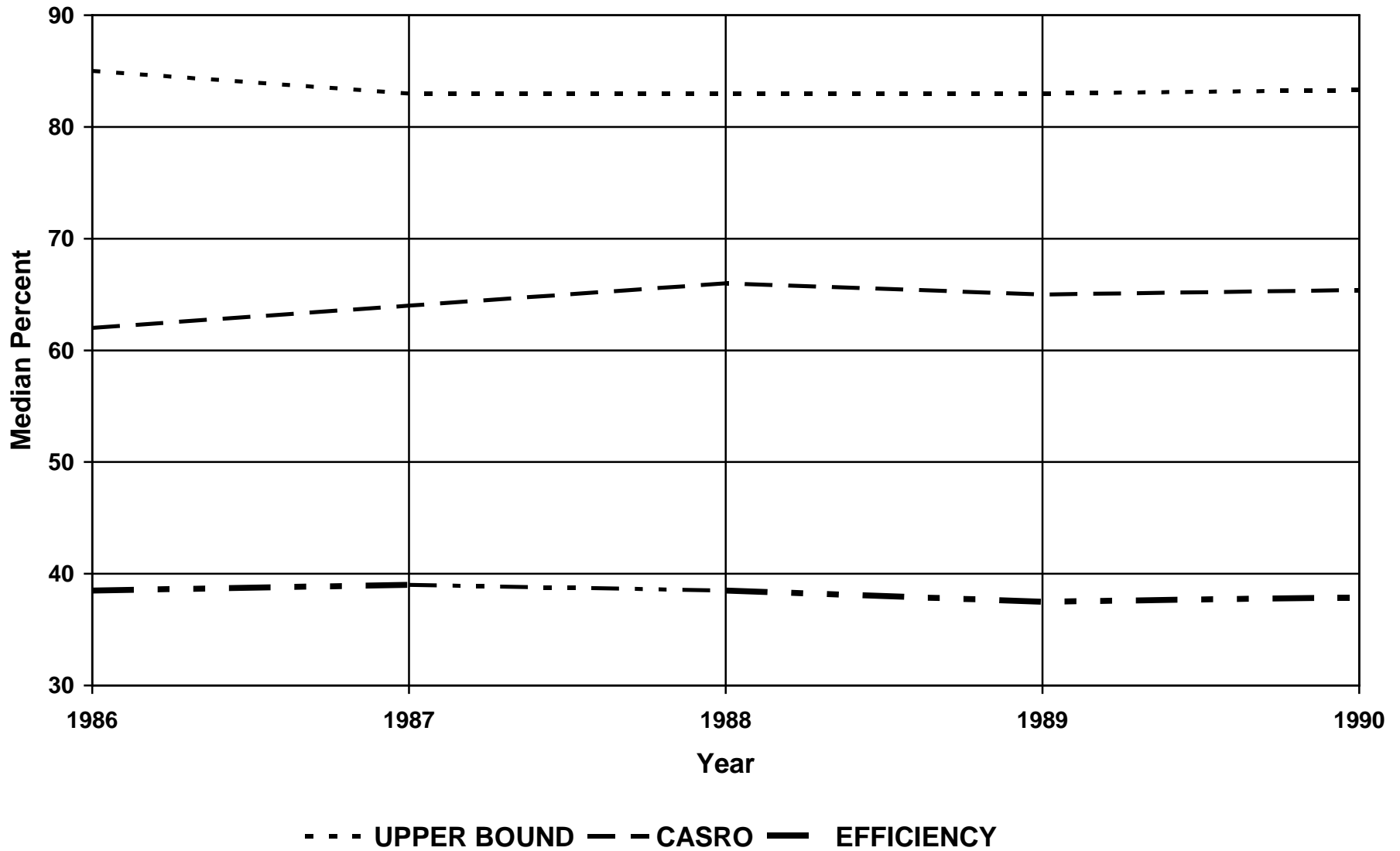
*Query CATI pilot site

**BRESS WIND-DOWN RATES
BY STATE, 1990**

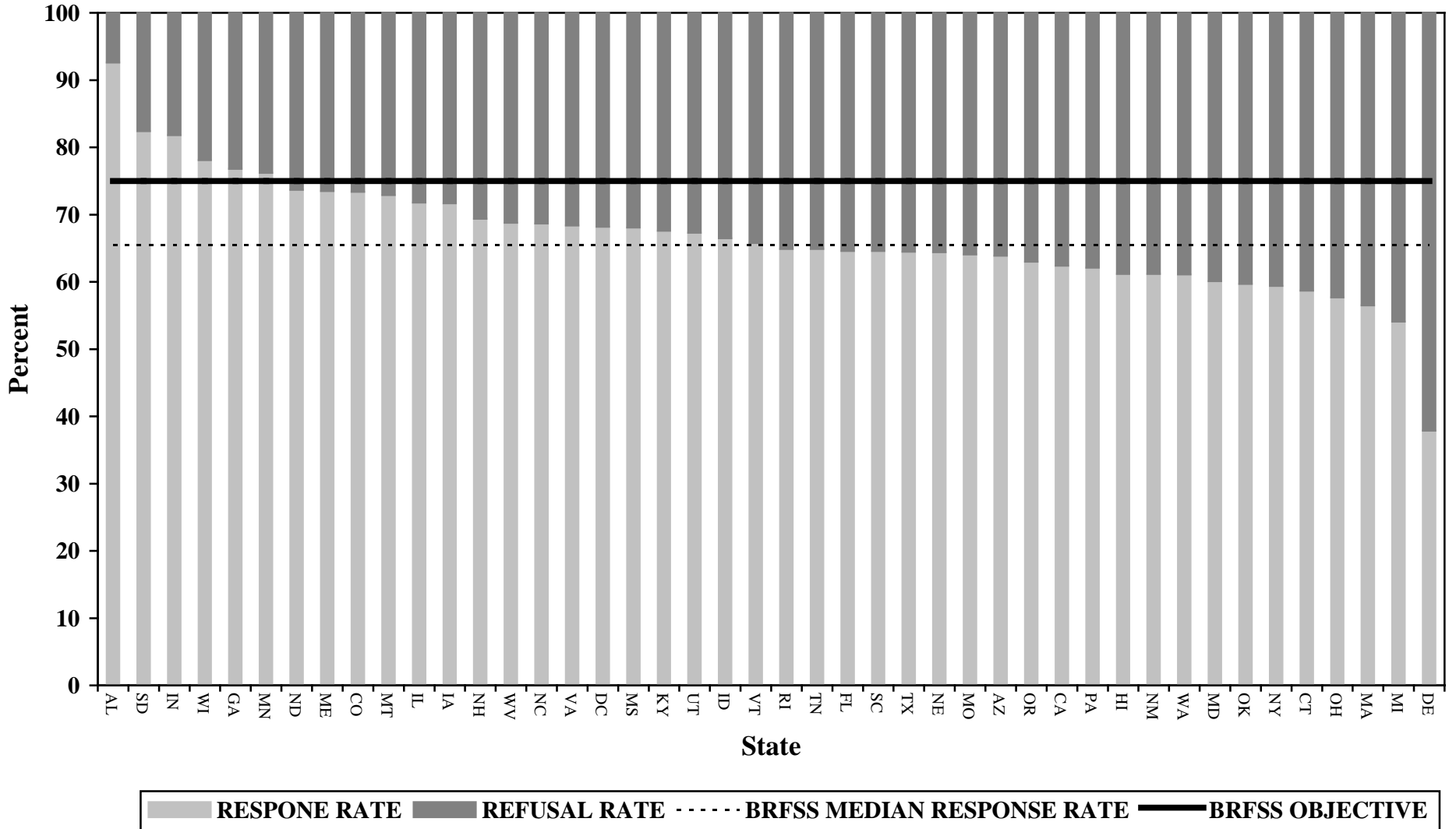
State	1990	
	Rate	ObjMet
AL	0.6	Y
AZ	6.4	N
CA	7.3	N
CO	4.3	Y
CT	0.4	Y
DC	5.8	N
DE	2.7	Y
FL	4.2	Y
GA	0.1	Y
HI	10.1	N
IA	5.2	N
ID	5.5	N
IL	1.8	Y
IN	12.7	N
KY	5.4	N
MA	0.4	Y
MD	36.5	N
ME	5.2	N
MI	4.5	Y
MN	3.8	Y
MO	6.2	N
MS	4.7	Y
MT	4.9	Y
NC	4.1	Y
ND	7.5	N
NE	0.0	Y
NH	0.0	Y
NM	13.3	N
NY	9.1	N
OH	12.5	N
OK	8.7	N
OR	4.3	Y
PA	0.8	Y
RI	6.0	N
SC	12.1	N
SD	5.0	Y
TN	3.5	Y
TX	4.2	Y
UT	16.6	N
VA	66.4	N
VT	0.0	Y
WA	0.2	Y
WI	0.1	Y
WV	5.7	N
MEDIAN	5.0	Y
RANGE	0-66.4	23 of 44

*Query CATI pilot site

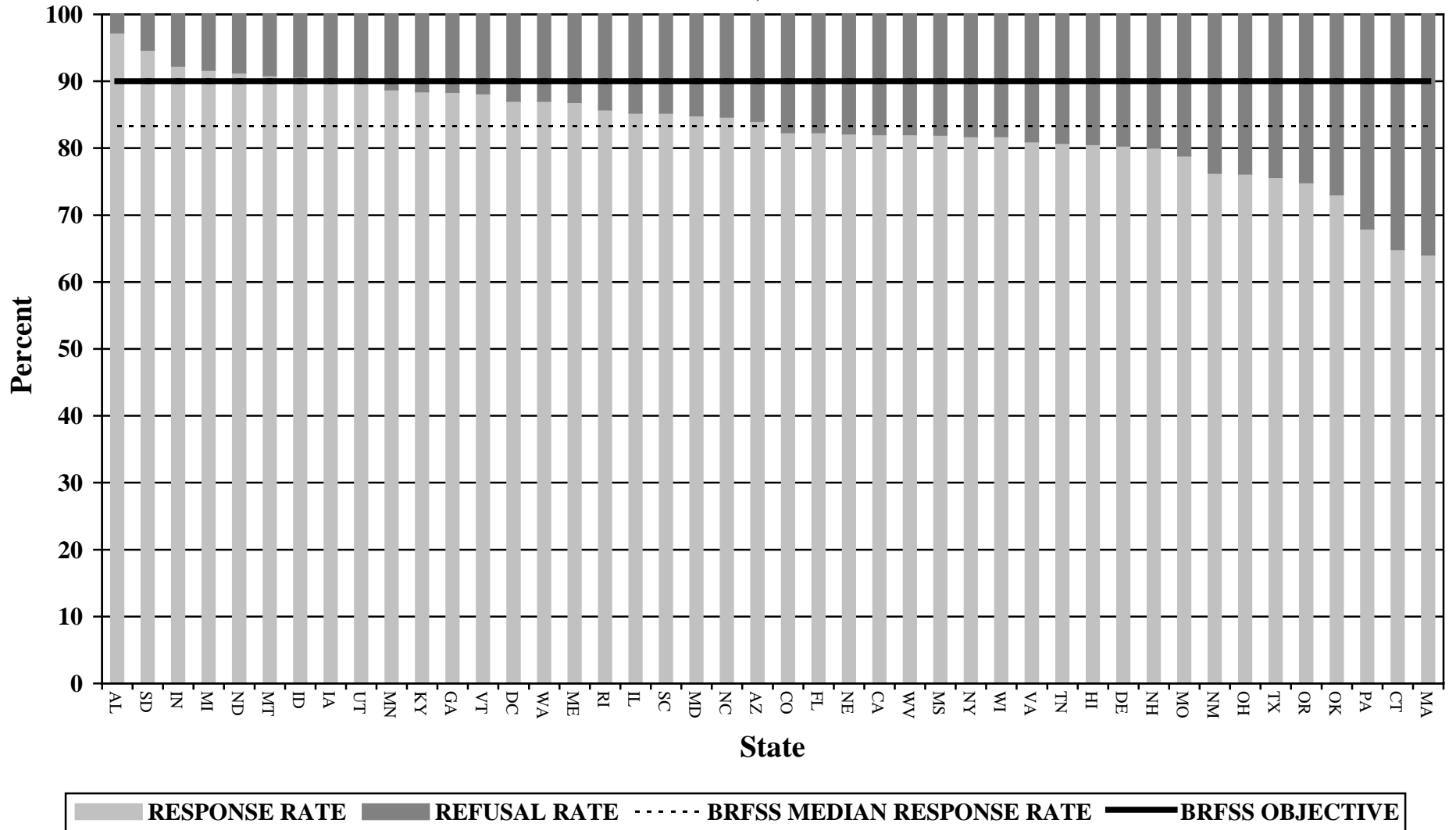
**BRFSS
MEDIAN UPPER BOUND, CASRO, AND EFFICIENCY
1986-1990**



**BRFSS
CASRO ESTIMATES OF RESPONSE AND REFUSAL RATES
BY STATE, 1990**



BRFSS
UPPERBOUND ESTIMATES OF RESPONSE AND REFUSAL RATES
BY STATE, 1990



**1990 BRFSS QUALITY CONTROL INDICATORS
All PARTICIPATING STATES**

INDICATOR	BRFSS OBJECTIVE	OBJECTIVE		BRFSS MEDIAN
		MET	NOT MET	
CASRO RESPONSE RATE	>75		*	66.3
UPPER BOUND	>90		*	82.4
SURVEY EFFICIENCY	>40		*	37.0
% 01s DURING WIND DOWN	<5	*		4.9
% 02s	<10	*		6.2
% 04s	<10	*		9.6
% 07s	<3		*	4.8
% 10s	<0.3		*	0.4