

Table 1. Appliances in U.S. Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	82	83	84	86	91	94	97	101	107
Air-Conditioners ^{1, 2}	(percent of households)								
Central	27	27	28	30	34	39	44	47	55
Individual Room Units	30	31	30	30	30	29	25	25	23
None	43	42	42	40	36	32	32	28	23
Electric Appliances									
Clothes Dryer	47	45	45	46	51	53	57	55	57
Clothes Washer	74	73	71	73	75	76	77	77	79
Computer, Personal	NA	NA	NA	NA	NA	16	23	35	56
Dehumidifier	9	9	9	9	10	12	9	NA	11
Dishwasher	37	37	36	38	43	45	45	50	53
Evaporative Cooler	4	4	4	4	3	4	3	NA	3
Fan, Ceiling	NA	NA	NA	NA	NA	NA	54	61	65
Fan, Whole House	NA	NA	8	8	9	10	4	NA	NA
Fan, Window or Ceiling	NA	NA	28	35	46	51	60	NA	NA
Freezer, Separate	38	38	37	37	34	34	35	33	32
Oven, Microwave	14	17	21	34	61	79	84	83	86
Pump for Swimming Pool ³	3	4	3	NA	NA	5	5	5	6
Pump for Well Water	NA	NA	NA	NA	NA	15	13	14	13
Range (stove-top burner)	54	54	53	54	57	58	61	60	60
Refrigerator (one) ⁴	86	87	86	88	86	84	85	85	83
Refrigerator (two or more)	14	13	13	12	14	15	15	15	17
Television Set (any type)	98	98	98	98	98	99	99	NA	NA
Television Set (b/w)	51	48	46	43	36	31	20	NA	NA
Television Set (color)	82	83	85	88	93	96	98	99	99
Waterbed Heaters	NA	NA	NA	10	14	15	12	8	5
Gas⁵ Appliances									
Clothes Dryer	14	16	15	16	15	16	15	16	17
Heater for Swimming Pool ⁶	(s)	(s)	(s)	1	1	1	1	1	1
Outdoor Gas Grill	9	9	11	13	20	26	29	NA	NA
Outdoor Gas Light	2	2	2	1	1	1	1	1	(s)
Range (stove-top burner)	46	46	47	45	43	42	38	39	39
Kerosene Appliance									
Portable Heater	(s)	1	3	6	6	5	3	2	2

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D1. Appliances in New England Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	4	4	4	4	4	5	5	5	5
Air-Conditioners ^{1,2}	(percent of households)								
Central	7	3	9	5	6	9	12	8	14
Individual Room Units	35	37	38	36	37	40	32	41	44
None	58	60	53	59	57	51	56	51	42
Electric Appliances									
Clothes Dryer	50	45	43	50	46	55	51	54	58
Clothes Washer	82	75	76	78	74	76	71	74	75
Computer, Personal	NA	NA	NA	NA	NA	12	21	35	61
Dehumidifier	17	17	19	15	18	18	12	NA	19
Dishwasher	42	35	39	39	36	42	40	48	50
Evaporative Cooler	4	4	4	4	3	4	3	NA	3
Fan, Ceiling	NA	NA	NA	NA	NA	NA	38	46	45
Fan, Whole House	NA	NA	6	5	6	4	3	NA	NA
Fan, Window or Ceiling	NA	NA	30	35	39	47	50	NA	NA
Freezer, Separate	30	29	30	27	26	25	22	22	23
Oven, Microwave	7	7	12	19	54	73	77	80	73
Pump for Swimming Pool ³	3	6	6	NA	NA	6	5	10	8
Pump for Well Water	NA	NA	NA	NA	NA	20	21	26	24
Range (stove-top burner)	55	56	58	55	60	62	66	64	62
Refrigerator (one) ⁴	88	88	85	85	85	86	90	85	84
Refrigerator (two or more)	12	12	15	15	15	14	10	15	16
Television Set (any type)	99	99	99	99	100	100	99	NA	NA
Television Set (b/w)	55	54	50	49	38	29	19	NA	NA
Television Set (color)	84	80	87	90	97	99	98	98	99
Waterbed Heaters	NA	NA	NA	7	10	10	9	6	4
Gas⁵ Appliances									
Clothes Dryer	8	12	13	13	11	11	11	11	11
Heater for Swimming Pool ⁶	(s)	(s)	(s)	(s)	(s)	1	(s)	1	1
Outdoor Gas Grill	14	11	17	22	30	41	38	NA	NA
Outdoor Gas Light	(s)	(s)	(s)	(s)	(s)	(s)	(s)	(s)	(s)
Range (stove-top burner)	44	44	42	40	37	38	39	36	38
Kerosene Appliance									
Portable Heater	(s)	(s)	1	4	2	2	2	2	2

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/reps/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/reps/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D2. Appliances in Middle Atlantic Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	13	14	14	14	15	15	14	14	15
Air-Conditioners ^{1,2}	(percent of households)								
Central	12	12	13	13	19	19	23	28	33
Individual Room Units	40	40	41	41	39	39	40	41	43
None	48	48	46	46	42	42	37	31	24
Electric Appliances									
Clothes Dryer	38	31	37	39	41	45	44	46	41
Clothes Washer	71	67	66	72	72	74	75	77	72
Computer, Personal	NA	NA	NA	NA	NA	17	25	31	52
Dehumidifier	12	14	12	15	14	18	13	NA	18
Dishwasher	33	36	30	34	39	42	42	49	44
Evaporative Cooler	(s)	(s)	(s)	(s)	(s)	(s)	(s)	NA	(s)
Fan, Ceiling	NA	NA	NA	NA	NA	NA	47	54	50
Fan, Whole House	NA	NA	8	8	8	13	5	NA	NA
Fan, Window or Ceiling	NA	NA	27	32	41	47	57	NA	NA
Freezer, Separate	28	27	27	30	25	27	27	27	25
Oven, Microwave	7	8	11	22	50	70	78	78	76
Pump for Swimming Pool ³	5	6	4	NA	NA	8	6	7	6
Pump for Well Water	NA	NA	NA	NA	NA	17	25	31	14
Range (stove-top burner)	40	40	38	38	44	43	43	42	44
Refrigerator (one) ⁴	86	85	84	85	87	82	85	85	82
Refrigerator (two or more)	14	15	15	14	13	18	14	15	18
Television Set (any type)	98	99	99	99	99	99	99	NA	NA
Television Set (b/w)	59	54	49	49	37	31	20	NA	NA
Television Set (color)	81	85	86	89	93	96	98	99	99
Waterbed Heaters	NA	NA	NA	4	6	11	6	6	4
Gas⁵ Appliances									
Clothes Dryer	17	21	16	18	19	19	21	21	24
Heater for Swimming Pool ⁶	(s)	(s)	(s)	(s)	1	1	(s)	(s)	1
Outdoor Gas Grill	13	13	16	19	23	33	35	NA	NA
Outdoor Gas Light	(s)	1	1	1	1	2	(s)	1	1
Range (stove-top burner)	59	61	62	62	56	57	56	57	55
Kerosene Appliance									
Portable Heater	1	2	7	8	6	6	2	2	1

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D3. Appliances in East North Central Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	15	15	15	15	16	17	16	17	17
Air-Conditioners ^{1,2}	(percent of households)								
Central	20	22	20	21	27	35	42	48	56
Individual Room Units	32	32	30	32	36	34	27	26	24
None	48	45	50	47	37	31	31	26	20
Electric Appliances									
Clothes Dryer	45	44	42	40	49	48	54	45	49
Clothes Washer	77	75	69	71	75	75	78	76	78
Computer, Personal	NA	NA	NA	NA	NA	15	22	38	58
Dehumidifier	18	18	17	16	21	23	22	NA	24
Dishwasher	29	29	28	27	30	38	38	45	47
Evaporative Cooler	(s)	(s)	(s)	(s)	1	(s)	(s)	NA	(s)
Fan, Ceiling	NA	NA	NA	NA	NA	NA	56	61	72
Fan, Whole House	NA	NA	6	6	10	8	4	NA	NA
Fan, Window or Ceiling	NA	NA	34	38	46	51	64	NA	NA
Freezer, Separate	42	45	41	40	40	37	41	37	35
Oven, Microwave	15	19	21	36	65	83	89	85	90
Pump for Swimming Pool ³	2	2	2	NA	NA	5	2	3	6
Pump for Well Water	NA	NA	NA	NA	NA	23	19	20	19
Range (stove-top burner)	49	49	54	48	50	52	56	52	54
Refrigerator (one) ⁴	80	84	83	85	81	79	81	83	82
Refrigerator (two or more)	20	15	17	15	18	21	19	17	18
Television Set (any type)	99	99	99	99	99	100	98	NA	NA
Television Set (b/w)	55	51	49	42	38	38	23	NA	NA
Television Set (color)	84	85	86	88	93	96	98	99	100
Waterbed Heaters	NA	NA	NA	12	15	17	18	12	8
Gas⁵ Appliances									
Clothes Dryer	26	25	21	23	22	24	22	28	27
Heater for Swimming Pool ⁶	(s)	(s)	(s)	(s)	(s)	1	(s)	1	1
Outdoor Gas Grill	9	10	8	10	23	31	32	NA	NA
Outdoor Gas Light	4	2	2	2	1	1	1	1	1
Range (stove-top burner)	51	52	47	50	51	48	44	47	44
Kerosene Appliance									
Portable Heater	(s)	1	2	6	7	6	5	2	2

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D4. Appliances in West North Central Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	6	7	6	6	6	6	7	7	7
Air-Conditioners ^{1,2}	(percent of households)								
Central	41	35	44	41	45	52	56	60	65
Individual Room Units	33	39	32	34	35	33	29	28	27
None	26	27	24	25	20	15	15	11	8
Electric Appliances									
Clothes Dryer	57	57	54	54	57	58	63	61	67
Clothes Washer	80	78	79	76	82	82	82	86	86
Computer, Personal	NA	NA	NA	NA	NA	12	24	38	57
Dehumidifier	17	21	22	18	20	22	21	NA	27
Dishwasher	39	39	40	38	44	45	46	51	57
Evaporative Cooler	1	1	2	1	(s)	1	(s)	NA	(s)
Fan, Ceiling	NA	NA	NA	NA	NA	NA	59	71	78
Fan, Whole House	NA	NA	13	12	13	12	4	NA	NA
Fan, Window or Ceiling	NA	NA	22	32	48	55	67	NA	NA
Freezer, Separate	53	49	47	48	46	45	50	54	48
Oven, Microwave	22	25	33	49	72	87	91	91	93
Pump for Swimming Pool ³	2	1	1	NA	NA	2	2	2	2
Pump for Well Water	NA	NA	NA	NA	NA	16	13	13	13
Range (stove-top burner)	58	59	61	60	59	62	63	63	63
Refrigerator (one) ⁴	76	81	82	85	80	80	79	79	76
Refrigerator (two or more)	24	18	18	15	19	20	21	21	24
Television Set (any type)	99	98	99	99	98	99	98	NA	NA
Television Set (b/w)	52	49	51	42	42	31	24	NA	NA
Television Set (color)	83	83	87	92	93	98	97	99	100
Waterbed Heaters	NA	NA	NA	15	24	27	17	10	9
Gas⁵ Appliances									
Clothes Dryer	15	14	19	18	21	20	17	21	17
Heater for Swimming Pool ⁶	1	(s)	1	(s)	1	(s)	(s)	(s)	(s)
Outdoor Gas Grill	11	13	15	16	27	30	30	NA	NA
Outdoor Gas Light	3	3	2	3	2	3	1	1	(s)
Range (stove-top burner)	42	43	41	40	42	39	37	36	36
Kerosene Appliance									
Portable Heater	(s)	1	3	4	3	3	1	1	1

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D5. Appliances in South Atlantic Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	14	14	14	15	16	17	17	19	20
Air-Conditioners ^{1,2}	(percent of households)								
Central	37	41	37	45	52	62	65	72	81
Individual Room Units	31	28	31	27	28	25	22	21	14
None	32	30	31	28	21	13	12	7	5
Electric Appliances									
Clothes Dryer	51	48	49	49	59	64	66	68	69
Clothes Washer	76	70	72	75	78	81	80	83	85
Computer, Personal	NA	NA	NA	NA	NA	18	22	32	57
Dehumidifier	6	5	6	5	6	8	5	NA	6
Dishwasher	35	29	33	35	43	48	47	53	58
Evaporative Cooler	1	(s)	(s)	(s)	(s)	(s)	(s)	NA	(s)
Fan, Ceiling	NA	NA	NA	NA	NA	NA	63	69	73
Fan, Whole House	NA	NA	11	11	12	12	5	NA	NA
Fan, Window or Ceiling	NA	NA	34	45	55	62	68	NA	NA
Freezer, Separate	42	39	41	36	31	32	34	35	33
Oven, Microwave	12	13	15	31	60	80	84	84	88
Pump for Swimming Pool ³	4	2	4	NA	NA	6	7	9	9
Pump for Well Water	NA	NA	NA	NA	NA	22	19	20	19
Range (stove-top burner)	68	68	66	67	71	72	78	78	74
Refrigerator (one) ⁴	89	91	89	90	88	89	89	87	84
Refrigerator (two or more)	11	8	11	10	12	11	11	12	16
Television Set (any type)	97	98	98	98	98	98	99	NA	NA
Television Set (b/w)	51	51	52	48	36	31	18	NA	NA
Television Set (color)	79	77	79	86	92	95	97	99	99
Waterbed Heaters	NA	NA	NA	5	10	13	12	7	5
Gas⁵ Appliances									
Clothes Dryer	5	5	7	10	6	7	4	5	7
Heater for Swimming Pool ⁶	(s)	(s)	(s)	(s)	1	(s)	(s)	1	1
Outdoor Gas Grill	7	6	11	12	19	25	30	NA	NA
Outdoor Gas Light	1	1	2	1	1	(s)	1	(s)	(s)
Range (stove-top burner)	31	32	33	32	28	28	21	20	25
Kerosene Appliance									
Portable Heater	(s)	1	6	14	13	10	7	5	4

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D6. Appliances in East South Central Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	5	6	6	6	6	6	6	6	7
Air-Conditioners ^{1,2}	(percent of households)								
Central	39	41	44	43	49	52	58	66	74
Individual Room Units	40	43	39	39	35	32	31	28	20
None	21	16	17	18	16	15	12	6	6
Electric Appliances									
Clothes Dryer	62	58	61	59	61	59	76	76	77
Clothes Washer	79	79	78	78	78	78	84	86	87
Computer, Personal	NA	NA	NA	NA	NA	12	14	25	47
Dehumidifier	7	6	6	3	5	7	4	NA	8
Dishwasher	35	38	40	39	42	41	41	42	51
Evaporative Cooler	(s)	1	(s)	(s)	(s)	(s)	(s)	NA	(s)
Fan, Ceiling	NA	NA	NA	NA	NA	NA	65	75	79
Fan, Whole House	NA	NA	7	9	12	12	3	NA	NA
Fan, Window or Ceiling	NA	NA	28	48	57	63	71	NA	NA
Freezer, Separate	54	57	49	45	45	44	45	41	42
Oven, Microwave	14	20	20	33	58	79	84	79	91
Pump for Swimming Pool ³	2	3	2	NA	NA	4	5	5	6
Pump for Well Water	NA	NA	NA	NA	NA	13	9	11	10
Range (stove-top burner)	74	72	71	74	74	75	77	75	76
Refrigerator (one) ⁴	86	88	87	92	89	84	83	85	84
Refrigerator (two or more)	13	12	13	8	10	15	17	15	16
Television Set (any type)	97	98	97	98	98	98	100	NA	NA
Television Set (b/w)	49	42	44	44	36	32	21	NA	NA
Television Set (color)	79	82	84	85	91	93	98	100	98
Waterbed Heaters	NA	NA	NA	6	15	15	12	11	9
Gas⁵ Appliances									
Clothes Dryer	3	6	3	3	4	7	3	5	5
Heater for Swimming Pool ⁶	(s)	(s)	(s)	(s)	(s)	(s)	1	(s)	1
Outdoor Gas Grill	4	8	10	10	16	25	28	NA	NA
Outdoor Gas Light	2	4	1	1	3	1	(s)	1	1
Range (stove-top burner)	25	27	28	25	25	25	22	24	24
Kerosene Appliance									
Portable Heater	(s)	(s)	5	7	11	8	3	6	4

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D7. Appliances in West South Central Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	8	8	8	9	9	9	10	11	12
Air-Conditioners ^{1,2}	(percent of households)								
Central	50	46	49	54	56	59	69	68	79
Individual Room Units	32	38	34	29	30	30	23	24	19
None	18	17	17	17	15	11	8	9	2
Electric Appliances									
Clothes Dryer	47	47	47	46	54	58	63	59	61
Clothes Washer	72	74	76	72	75	77	79	77	81
Computer, Personal	NA	NA	NA	NA	NA	12	21	32	49
Dehumidifier	1	1	(s)	1	1	3	1	NA	2
Dishwasher	42	40	41	46	52	51	50	53	59
Evaporative Cooler	9	8	7	5	7	7	4	NA	3
Fan, Ceiling	NA	NA	NA	NA	NA	NA	70	78	82
Fan, Whole House	NA	NA	10	12	11	14	5	NA	NA
Fan, Window or Ceiling	NA	NA	44	49	65	65	73	NA	NA
Freezer, Separate	40	39	42	44	40	45	38	37	34
Oven, Microwave	18	20	30	41	62	80	81	82	90
Pump for Swimming Pool ³	1	2	3	NA	NA	5	4	4	5
Pump for Well Water	NA	NA	NA	NA	NA	4	7	4	3
Range (stove-top burner)	39	38	38	47	53	54	57	55	59
Refrigerator (one) ⁴	93	91	92	92	91	88	88	87	85
Refrigerator (two or more)	7	9	8	8	9	12	12	13	15
Television Set (any type)	98	99	97	97	98	100	99	NA	NA
Television Set (b/w)	47	45	47	42	33	35	21	NA	NA
Television Set (color)	82	82	82	85	92	97	98	98	99
Waterbed Heaters	NA	NA	NA	9	13	10	13	8	2
Gas⁵ Appliances									
Clothes Dryer	15	15	16	17	12	14	12	14	16
Heater for Swimming Pool ⁶	(s)	(s)	(s)	1	2	1	2	1	(s)
Outdoor Gas Grill	8	6	11	13	13	14	17	NA	NA
Outdoor Gas Light	5	5	4	3	4	2	2	1	1
Range (stove-top burner)	60	61	61	53	47	46	43	44	40
Kerosene Appliance									
Portable Heater	(s)	(s)	1	1	1	1	1	1	(s)

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rep/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D8. Appliances in Mountain Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	4	4	4	5	4	5	5	6	7
Air-Conditioners ^{1,2}	(percent of households)								
Central	29	20	32	35	28	29	32	34	41
Individual Room Units	14	13	10	15	12	14	9	14	10
None	57	67	58	50	60	57	59	51	49
Electric Appliances									
Clothes Dryer	52	54	55	54	59	60	65	61	70
Clothes Washer	75	79	77	72	77	80	77	77	80
Computer, Personal	NA	NA	NA	NA	NA	18	26	40	59
Dehumidifier	1	1	1	(s)	1	2	2	NA	1
Dishwasher	47	40	46	53	57	50	52	57	62
Evaporative Cooler	28	34	35	33	32	39	30	NA	26
Fan, Ceiling	NA	NA	NA	NA	NA	NA	51	62	65
Fan, Whole House	NA	NA	4	3	6	5	5	NA	NA
Fan, Window or Ceiling	NA	NA	16	25	44	43	55	NA	NA
Freezer, Separate	36	37	43	40	37	37	43	34	35
Oven, Microwave	22	20	30	47	72	84	88	84	91
Pump for Swimming Pool ³	3	2	4	NA	NA	2	4	6	5
Pump for Well Water	NA	NA	NA	NA	NA	7	10	10	9
Range (stove-top burner)	66	65	68	66	63	65	73	70	72
Refrigerator (one) ⁴	90	90	88	90	85	89	86	86	82
Refrigerator (two or more)	9	9	11	10	15	11	14	13	18
Television Set (any type)	99	97	96	97	96	99	99	NA	NA
Television Set (b/w)	45	41	35	38	32	29	19	NA	NA
Television Set (color)	84	81	86	89	92	97	98	99	98
Waterbed Heaters	NA	NA	NA	27	28	23	21	14	5
Gas⁵ Appliances									
Clothes Dryer	8	10	10	9	11	12	8	9	4
Heater for Swimming Pool ⁶	(s)	(s)	(s)	(s)	2	(s)	(s)	(s)	1
Outdoor Gas Grill	7	8	11	13	23	29	37	NA	NA
Outdoor Gas Light	3	1	1	(s)	1	(s)	(s)	1	(s)
Range (stove-top burner)	35	33	32	34	37	36	27	28	28
Kerosene Appliance									
Portable Heater	(s)	(s)	1	2	2	2	(s)	1	(s)

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/reps/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/reps/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005

Table D9. Appliances in Pacific Households, Selected Years, 1980-2001

Survey Category	Survey Year								
	1980	1981	1982	1984	1987	1990	1993	1997	2001
Number of Households (millions)	12	12	12	13	14	15	15	16	17
Air-Conditioners ^{1,2}	(percent of households)								
Central	21	20	18	19	22	26	25	25	30
Individual Room Units	13	14	14	16	13	13	12	13	13
None	66	66	67	65	64	60	63	62	56
Electric Appliances									
Clothes Dryer	40	42	40	41	43	40	43	43	43
Clothes Washer	68	71	67	69	70	70	70	67	70
Computer, Personal	NA	NA	NA	NA	NA	20	29	42	62
Dehumidifier	(s)	1	(s)	(s)	1	3	1	NA	1
Dishwasher	46	50	44	44	54	52	51	52	54
Evaporative Cooler	10	7	11	9	6	7	4	NA	3
Fan, Ceiling	NA	NA	NA	NA	NA	NA	35	40	45
Fan, Whole House	NA	NA	4	4	6	6	3	NA	NA
Fan, Window or Ceiling	NA	NA	10	15	28	31	38	NA	NA
Freezer, Separate	28	30	25	30	27	28	23	20	23
Oven, Microwave	17	24	25	39	61	78	85	83	83
Pump for Swimming Pool ³	6	6	5	NA	NA	7	6	3	5
Pump for Well Water	NA	NA	NA	NA	NA	6	6	5	5
Range (stove-top burner)	51	57	47	52	54	53	58	54	51
Refrigerator (one) ⁴	87	86	88	90	88	86	84	84	84
Refrigerator (two or more)	13	13	12	10	12	14	16	16	16
Television Set (any type)	99	97	97	97	97	98	98	NA	NA
Television Set (b/w)	42	40	35	34	30	19	14	NA	NA
Television Set (color)	84	85	88	89	93	95	98	98	98
Waterbed Heaters	NA	NA	NA	14	17	13	7	4	2
Gas⁵ Appliances									
Clothes Dryer	18	21	19	20	22	23	22	20	23
Heater for Swimming Pool ⁶	2	2	1	4	5	3	1	1	1
Outdoor Gas Grill	7	6	6	10	15	18	18	NA	NA
Outdoor Gas Light	1	(s)	1	(s)	(s)	1	(s)	(s)	0
Range (stove-top burner)	49	43	52	49	46	47	41	45	47
Kerosene Appliance									
Portable Heater	(s)	(s)	(s)	1	1	1	1	(s)	1

¹ Air-conditioning units may be powered by electricity or natural gas.

² Households with both central air-conditioning and individual room units are counted only under "Central."

³ In all survey years except 1993, all reported swimming pools were assumed to have electric pumps for filtering and circulating water. In 1993, the survey explicitly asked about filtering systems.

⁴ Less than 0.5 percent of households lacked a refrigerator.

⁵ "Gas" means natural gas or liquefied petroleum gases.

⁶ For the years 1984 and 1987, the heater-for-swimming-pool category includes heaters for Jacuzzis and hot tubs.

NA = Not Available.

(s) = Less than 0.5 percent of households.

Note: Data are available only for the 9 years shown above (years for which surveys were conducted).

Sources: Energy Information Administration, Form EIA-457, "Residential Energy Consumption Survey" for each year shown.

♦ URL for this pdf page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.pdf

♦ URL for the related html page: http://www.eia.doe.gov/emeu/rebs/appli/all_tables.html

♦ Contact: Barbara.Fichman@eia.doe.gov ♦ Energy Information Administration ♦ File Created: August 29, 2005