Percentage of Total Funds Used for Mortgages. For the state issues sampled, the percentage of total available funds set aside for mortgages averaged 85 percent; the local issues sampled averaged 90 percent. The rest of the funds were used for reserves, the underwriters' discount, original issue discount, capitalized interest, or other costs of issuance. Total available funds include bond proceeds, agency or state contributions, and any fees paid by lenders, builders, buyers, or sellers.

Number of Lenders. Private banks, savings and loans, and mortgage companies request to participate in any given issuer's housing program. The portion of bond proceeds to be used for mortgage loans is allocated to eligible lenders who then commit to loan out their allocation within a prescribed period. Lenders who are unable to loan out their full allocation might have to forfeit a commitment fee and have the remainder of their allocation transferred to another lender. The state issues sampled show a wide dispersion of lending activity; 35 state issues had an average of 110 participating lenders. (Information for five states was not available.) The local issues sampled had many fewer participating lenders; for 25 issues, there was an average of 10 lenders participating in each program. The difference between the state and local dispersion of allocations can be explained by the fact that localities are much smaller than states and that local programs are more often organized with a cooperative arrangement between the issuer and specific builders and lenders.

APPENDIX TABLES

TABLE A-1. STATE MORTGAGE REVENUE BOND ISSUES FOR OWNER-OCCUPIED HOUSING, 1982

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	Alabama						
11/11	1982-Series A	100,000	10.76	31*	Al	AA	Goldman Sachs
12/9	1982-Series B	100,000	10.76*	30	Al	AA-	Goldman Sachs
	Alaska						
3/4	Home Improvement Bonds	15,000	13.43*	15	A	A	Salomon Brothers
9/9	1982-First Series	85,000	N/A	18	Aa	AA	Salomon Brothers
11/24	1982-Second Series	100,000	11.54*	17	Aa*	AA-	Salomon Brothers
	Arizona						
11/8	Series A 1982	27,200	9.92*	30		AA-*	Rauscher Pierce Refsnes
	Arkansas						
7/27	1982-Series A	100,000	13.13	20	Al	AA	E.F. Hutton
	California						
3/24	1982-Series	30,000	N/A	N/A	Aa*		Merrill Lynch White Weld
7/23	1982-Series A	31,500	12.95	17	Al	A+	Merrill Lynch White Weld
10/14	1982-Series A	212,000	10.25*	32	Al*	A+	Merrill Lynch White Weld
12/17	1982-Series B	101,775	10.50*	31	Al	A+	Merrill Lynch White Weld
	Colorado						
7/29	1982-Series A	66,050	12.78	19	Aa	AA-	Smith Barney Harris Upham
	Connecticut						
9/10	1982-Series B	150,000	11.06	18	Aa	AA-	Salomon Brothers
9/20	1982-Series	36,600	N/A	30			Goldman Sachs
11/30	1982-Series	50,000	9.73	18*	Aa*	AA	Salomon Brothers
	Delaware						
6/24	1982-Series A	40,000	13.33	22	Aa	AA-	Morgan Guaranty Trust
	Florida						
6/15	1982-Series A	150,000	13.50	18	Al	A	Salomon Brothers
	Georgia						
9/17	1982-Series A	50,000	10.70*	20*	Al	AA	Dean Witter Reynolds
	Hawaii						
7/16	1982-Series A	60,000	13.00	19	Al	A	Merrill Lynch White Weld
	Idaho						
12/17	1982-Series A	4,345	N/A	N/A			Salomon Brothers

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TABLE A-1. (Continued)

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	Illinois						
7/30	1982-Series A	90,000	11.85	18	Al	AA	Smith Barney Harris Upham
	Indiana						
4/6	1982-Series A	75,000	N/A	26	Aa	AA	First Boston Corp.
	Iowa						
9/3	1982-Series A	14,080	11.70	31	A+		Blyth Eastman Paine Webbe
	Louisiana						
8/23	1982-Series A	100,000	12.60	32	Aa	AA	E.F. Hutton
	Maine						
6/10	1982-Series B	53,920	12.92	20	Al	AA	Morgan Guaranty Trust
	Maryland						
3/19	1982-Series A	65,000	13.27	32	Aa		Matthews & Wright
10/8	1982-First Series	87,514	10.97	32	Aa*		Salomon Brothers
	Massachusetts						
8/10	1982-Series A	200,000	13.57	32	Aa	A	Blyth Eastman Paine Webbe
	Michigan						
4/20	1982-Series	30,000	11.42	15	A	A-	E.F. Hutton
	Minnesota						
6/3	1982-Series A	30,000	12.41	11		A+	Blyth Eastman Paine Webbe
8/12	1982-Series B	41,900	11.57	11	Al	A+	Blyth Eastman Paine Webbe
11/24	1982-Series C	45,000	N/A	32	Al	A+	Blyth Eastman Paine Webbe
12/1	1982-Series A	4,400	N/A	N/A		A+	Blyth Eastman Paine Webbe
	Mississippi						
8/20	1982-Series	150,500	11.26	17	Al	A+	Goldman Sachs
	Missouri						
3/31	1982-Series	50,000	13.25	20	Aa	AA	Smith Barney Harris Upham
8/24	1982-Series	49,995	11.09	18	Aa	A+	Morgan Guaranty Trust
	Montana						
4/6	Series 1982 A	55,000	13.50	25	Aa	AA	First Boston Corp.
	Nebraska						
3/29	1982-Series	37,715	12.72	30		AA	Lehman Brothers Kuhn Loeb
6/3	1982-Series A	9,795	12.80	15			Lehman Brothers Kuhn Loeb
7/21	1982-Series B	89,410	11.52	31	Aa	AA	Lehman Brothers Kuhn Loeb

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TABLE A-1. (Continued)

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	Nevada						
7/14	1982-Issue A	60,000	14.00	16	Al	AA-	Dean Witter Reynolds
	New Hampshire						
7/1	1982-Series A	167,255	13.06	31	Aa	A+	Kidder Peabody
	New Jersey						
4/14	1982-Series	36,170	13.04	20	Al	A	Goldman Sachs
10/7	1982-Series 1	239,000	10.60	31	Al	A	Goldman Sachs
	New Mexico						
9/1	1982-Series A	98,655	10.54	32	A+	AA	Smith Barney Harris Upham
	New York						
7/8	1982-Series 3	250,000	13.22	30	Aa	A+	Goldman Sachs
12/2	1982-Series 4	151,620	N/A	30	Aa	A+	Salomon Brothers
	North Dakota						
7/15	1982-Series A	29,940	12.77	16	Aa	AA-	Salomon Brothers
	Oklahoma						
12/31	1982-Series A	25,000	8.70*	10*		A+	Stifel Nicolaus
	Oregon						
9/24	1982-Series A	125,000	11.19	31	Al	A+	Blyth Eastman Paine Webbe
	Pennsylvania						
4/1	1982-Series A	100,000	13.73	30	A	A+	Goldman Sachs
8/18	1982-Series B	115,000	12.43	31	Al	A+	Goldman Sachs
	Rhode Island						
7/23	1982-Series 1	30,850	13.30	18	Al	A+	Kidder Peabody
12/30	1982-Series 2	41,141	10.11	17*	Al*	A+*	Kidder Peabody
	South Carolina						
9/21	1982-Series A	82,265	N/A	31	Aa	A+	Morgan Guaranty Trust
	South Dakota						
6/3	1982-Series	24,100	13.04	30	Aa	AA	Warburg Paribas Becker
	Tennessee						
7/27	1982-Series A	150,000	12.75	17	Al	A+	Salomon Brothers
	Texas						
7/9	1982-Series A	100,000	13.72	31	Aa	A	Goldman Sachs

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TABLE A-1. (Continued)

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	Utah						
5/28	1982-First Series	121,765	12.68	16	Al	AA	Bache Halsey Stuart Shields
	Vermont						
7/15	1982-Series A	35,000	13.45	27	Aa	AA-	Goldman Sachs
	Virginia						
7/20	1982-Series A	100,000	12.94	32	Aa	A+	Citibank, N.A.
11/9	1982-Series B	166,109	9.42	32	Aa	A+	E.F. Hutton
	West Virginia						
3/5	1982-Series A	25,000	13.85	16	Al	A+	Goldman Sachs
	Wisconsin						
7/1	1982-Series A	100,000	13.80	31	Aa	AA-	Blyth Eastman Paine Webbe
12/9	1982-Issue II	50,000	10.67	31	Aa	AA-	Blyth Eastman Paine Webbe

SOURCE: Office of Financial Management, Department of Housing and Urban Development.

* This information was provided by the Council of State Housing Agencies.

NOTE: Some of these bond issues may be transitional issues, and therefore not subject to the new rules MSBTA and TEFRA.

TABLE A-2. LOCAL SINGLE-FAMILY MORTGAGE REVENUE BONDS, 1982

Sale Date	Issuer	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
1/21	Dade Co., FL	40,000	N/A	14			E.F. Hutton
2/23	Atlanta, GA	49,000	N/A	N/A			E.F. Hutton
3/3	Richmond, CA	59,000	13.12	18	Aa		Dean Witter Reynolds
3/5	Palm Springs, CA	19,300	12.83	31		AA	Shearson/American Express
3/11	Denton Co., TX	25,850	13.55	22		A	Kidder Peabody
3/26	Lancaster, CA	33,400	12.92	19		AA	Miller & Schroeder
3/26	Seal Beach, CA	18,200	N/A	33		AA	Miller & Schroeder
4/7	Orange Co., CA	54,060	13.00	31		AA	Warburg Paribus Becker
4/13	Gregg Co., TX	20,000	13.93	22		A	Kidder Peabody
4/16	Haywood-Union City, CA	22,400	N/A	31		AA-	Stone & Youngberg
4/20	San Diego, CA	35,165	N/A	32		AA	E.F. Hutton
4/22	Harris Co., TX	63,560	13.21	31		AA	Lehman Brothers
4/27	Coon Rapids, MN	30,000	N/A	32		A+	Miller & Schroeder
4/27	Santa Clara Co., CA	34,160	12.38	31		AA	Warburg Paribus Becker
4/28	Capital Area HFC, TX	24,950	13.30	32		AA	Kidder Peabody
4/29	San Pablo, CA	25,200	12.04	13		A	Dillon, Read
4/30	Pittsburg, CA	32,235	N/A	31		A	Dean Witter/Reynolds
4/30	Fairbanks North Star, AK	35,000	N/A	20	Aa	AA	John Nuveen & Co.
5/5	Cameron Co., TX	30,000	N/A	15		A	Boettcher & Company
5/6	Jefferson Co., TX	37,900	N/A	31		A+	Lehman Brothers/Kuhn Loeb
5/10	El Paso, TX	42,500	N/A	15		AA	Rauscher Pierce Refsnes
5/12	Monrovia, CA	9,065	N/A	32		AA	E.F. Hutton
5/13	Clay Co., FL	12,850	N/A	31		A-	William R. Hough
5/14	Hidalgo Co., TX	24,800	13.12	15		A	Boettcher & Company
5/14	Contra Costa Co., CA	62,400	12.87	27		AA	Dean Witter/Reynolds
5/17	Central Texas, TX	17,000	13.17	15		A+	Howard, Weil Labouisse
5/17	Lubbock, TX	25,000	13.17	15		A+	Howard, Weil Labouisse
5/17	Midland Co., TX	20,000	13.12	15		A+	Howard, Weil Labouisse
5/17	Tarrant Co., TX	43,855	N/A	31	Aa	AA-	Lehman Brothers Kuhn Loeb
5/18	Sacramento Co., CA	31,900	N/A	32			Blyth Eastman Paine Webber
5/18	Benton Co., TX	30,815	10.00	32		AA	Kidder Peabody
5/20	Ventura Co., CA	36,200	N/A	21		A+	Miller & Schroeder Municipa
5/20	Central Calif., CA	30,000	N/A	30		AAA	Shearson/American Express
5/25	Bexar Co., TX	69,210	N/A	17		A	Boettcher & Coompany
6/3	Orange Co., FL	34,800	12.82	17		A+	Merrill Lynch/White Weld
6/3	Livermore/ San Leandro, CA	35,820	12.60	33		AA-	Shearson/American Express
6/8	San Mateo Co., CA	40,860	13.01	31		AA-	First Boston Corp.
6/10	Volusia Co., FL	11,905	N/A	14		A	William R. Hough
6/10	Pittsburgh, PA	15,000	13.34	31	Al	A	Dillon, Read & Company
6/16	Corpus Christi, TX	30,000	N/A	31		AA	E.F. Hutton
6/18	Southeast Texas, TX	60,000	13.17	15		A+	Howard, Weil Labouisse
6/23	Wichita, KS	30,000	N/A	18	Al	AA	E.F. Hutton
6/23	Concord-Walnut Creek, CA	32,000	13.01	32		AA-	E.F. Hutton
6/24	Escambia, FL	26,830	N/A	31		A	William R. Hough

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TABLE A-2. (Continued)

Sale Date	Issuer	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
6/25	Palm Beach Co., FL	26,370	13.59	16		AA	Merrill Lynch/White Weld
6/29	Denver (City and County), CO	26,625	N/A	16		A	E.F. Hutton
6/29	Manatee Co., FL	6,830	N/A	N/A			William R. Hough
6/30	Polk Co., Fl	11,925	N/A	31		A+	William R. Hough
7/9	Orange Co., CA	49,150	N/A	33		AA	Warburg Paribus Becker
7/12	Simi Valley, CA	50,000	N/A	33		AA-	Stone & Youngberg
7/12	Ontario, CA	31,200	N/A	33		AA-	Miller & Schroeder
7/15	Tulare Co., CA	31,200	N/A	32		A+	Dean Witter/Reynolds
7/16	Atlanta, GA	30,000	N/A	16	Al	AA-	Merrill Lynch/White Weld
7/16	Olathe, KS	30,000	13.10	32		AA	Blyth Eastman/Paine Webbe
7/19	Tucson and Pima Cos., AZ	51,875	11.54	17		AA-	Rauscher Pierce Refsnes
7/21	Brevard Co., Fl	30,000	N/A	22		AA-	Kidder Peabody
7/21	San Bernardino Co., CA	58,750	N/A	33		AA-	Miller & Schroeder
7/22	Lee Co., Fl	20,090	13.43	22		AA-	Bache Halsey Stuart Shields
7/23	New Castle Co., DE	50,000	13.31	25		AA	L.F. Rothschild
7/26	Oakland, CA	61,740	13.10	31			Goldman Sachs
7/29	Broward Co., Fl	34,300	13.59	17	Al	A+	Merrill Lynch/White Weld
7/30	Los Angeles Co., CA	53,200	N/A	33		AA-	Warburg Paribus Becker
8/3	Santa Fe Springs, CA	9,580	12.51	25		AAA	L.F. Rothschild
8/3	West Covina-Baldwin Park, CA	18,900	12.76	17		A+	Rauscher Pierce Refsnes
8/6	St. Louis Co., MO	21,180	12.66	32		A+	Stifel, Nicolaus
8/6	St. Charles Co., MO	23,300	N/A	32		A+	Geo. K. Baum
8/12	Los Angeles, CA	30,000	N/A	32			Salomon Brothers
8/18	Adams Co., CO	10,595	N/A	16		A+	E.F. Hutton
8/18	Pleasanton-Newark, CA	25,340	N/A	31		AA	Dean Witter/Reynolds
8/20	Fresno Co., CA	38,000	N/A	30			Goldman Sachs
8/23	Albuquerque, NM	19,100	11.83	16		A+	E.F. Hutton
8/27	Maricopa Co/Phoenix, AZ	113,000	N/A	18	Al	AA-	Rauscher Pierce Refsnes
8/31	Jackson Co., MO	25,900	N/A	32			Stern Brothers & Co,
9/2	St. Louis, MO	20.180	N/A	30			Drexel, Burnham Lambert
9/3	Northern California	60,000	12.94	20		AA-	Dean Witter/Reynolds
9/3	Jefferson Parish, LA	19,175	N/A	20		AA	Shearson/American Express
9/8	Kern Co., CA	29,200	N/A	N/A		AAA	Shearson/American Express
9/10	Pittsubrgh, PA	11,000	N/A	N/A		A	Dillon, Read & Company
9/13	Jefferson Co., CO	19,875	N/A	17		A+	E.F. Hutton
9/15	Baltimore, MD	50,000	11.75	N/A		AA	Alex Brown & Sons
9/15	Stockton-Vacaville, CA	19,540	11.75	32			Shearson/American Express
9/17	Orange Co., CA	26,135	N/A	33		AA	Warburg Paribus Becker
9/27	Baltimore, MD	4,600	11.25	10			Baker, Watts & Company
10/1	Cobb Co., GA	10,165	11.04	16			Merrill Lynch/White Weld
10/1	Dekalb Co., GA	10,040	11.04	16			Merrill Lynch/White Weld
10/1	Gwinnet Co, GA	7,615	11.04	16			Merrill Lynch/White Weld
10/1	Reno Co., KS	20,000	N/A	21		AAA	Kirchner, Moore & Compan

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TABLE 2. (Continued)

Sale Date	Issuer	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
10/8	Prince George's Co., MD	35,950	N/A	20		A+	Baker, Watts & Company
10/8	City & Co. San Francisco, CA	60,000	N/A	32			Shearson/American Express
10/13	El Paso Co., CO	15,295	N/A	N/A			Boettcher & Company
10/13	Los Angeles, CA	20,700	N/A	N/A		AAA	Shearson/American Express
10/14	E. Baton Rouge, LA	30,000	N/A	20		AA-	Shearson/American Express
10/15	Milpitas, CA	15,555	9.68	20		A	Miller & Schroeder
10/21	St. Cloud, MN	10,000	N/A	20		A	Dain Bosworth
10/21	Sauk Rapids, MN	8,000	N/A	20		A	Dain Bosworth
11/1	Saline Co., KS	32,540	N/A	32		AAA	Kirchner Moore
11/3	Marin Co., CA	9,300	N/A	32		A-	Shearson/American Express
11/12	Allegheny, PA	25,000	N/A	32			Russell, Rea & Zappala
11/15	San Bruno, CA	91,000	N/A	N/A			Shearson/American Express
11/15	Kansas City, KS	19,000	N/A	32			Stern Brothers
11/17	Pasadena, CA	33,325	N/A	29			Shearson/American Express
11/18	Duluth, MN	1,000	N/A	12			Dain Bosworth
12/1	Raeford, NC	950	N/A	N/A			Wertheim and Co.
12/2	Labette Co., KS	14,165	N/A	12			Kirchner, Moore & Compan
12/2	St. Paul, MN	16,500	N/A	32			Piper, Jaffray & Hopwood
12/3	Montgomery Co., MD	37,495	N/A	32			Merrill Lynch/White Weld
12/3	Ventura Co., CA	33,800	N/A	22		A+	Miller & Schroeder
12/8	Cook Co., Il	70,000	N/A	20	Al		1st Nat'l. Bank of Chicago
12/14	Los Angeles Co., CA	75,000	N/A	28			Blyth Eastman/Paine Webb
12/20	Santa Rosa-Martinez, CA	19,000	N/A	32		A+	Dean Witter/Reynolds
12/20	Santa Cruz-Hayward, CA	21,370	N/A	N/A			Miller & Schroeder
12/21	Northern Kentucky, KY	15,750	N/A	18			Fox, Reusch
12/21	Cook Co., Il	31,075	N/A	29		AAA	Blyth Eastman/Paine Webb
12/27	Brooklyn Center, MN	31,758	N/A	32		AA	Miller & Schroeder
12/27	Boulder Co., CO	10,000	N/A	18			E.F. Hutton
12/30	Mesa Co., CO	14,450	N/A	17		A-	George K. Baum & Compan
12/30	Floyd and Johnson Cos., KY	15,250	N/A	N/A			Seasongood and Mayes

SOURCE: Office of Financial Management, Department of Housing and Urban Development.

NOTE: Some of these bond issues may be transitional issues, and therefore not subject to the new rules MSBTA and TEFRA.

TABLE A-3. VETERANS' GENERAL OBLIGATIONS BONDS, 1982

Sale Date	Issuer	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
5/21	California	50,000	10.93	N/A	Aa	AA	Bank of America
8/3	Oregon	100,000	10.47	N/A	Al	AA	Morgan Guaranty Trust
8/24	California	100,000	9.44	N/A	Aa	AA+	Bank of America
8/25	Wisconsin	30,000	9.20	N/A	Aa		Smith Barney Harris Upham
11/1	Oregon	200,000	N/A.	N/A	Al	AA	Salomon Brothers

SOURCE: Office of Financial Management, Department of Housing and Urban Development.

TABLE A-4. STATE MORTGAGE REVENUE BOND ISSUES FOR MULTIFAMILY, RENTAL HOUSING, 1982

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	Alaska						
8/2	1982-Series A	2,390	13.18	41		AA	John Nuveen & Co.
	Arkansas						
6/17	1982-Series A	153,075	12.42	41	Aa	AA	E.F. Hutton
	California						
6/1	1982-Series	45,600	12.42	42		AA	Merrill Lynch White Weld
9/10	1982-Series A	75,090	11.25	42	Al		Merrill Lynch White Weld
11/12	1982-Series B	31,845	N/A	32	Al*	AAA	Merrill Lynch White Weld
	Colorado						
5/13	1982-Series A	104,735	11.12	43	Aa	AA	Smith Barney Harris Upham
10/20	1982-Series B	28,780	8.54*	42		AA+	Smith Barney Harris Upham
11/17	1982-Series A	32,000	9.50*	12*		AAA-L*	Smith Barney Harris Upham
	Connecticut						
4/2	G.O. Bonds	75,000	11.10	N/A			Citibank
4/23	1982-Series	51,270	12.62*	32	Aa	AA-	Salomon Brothers
	Delaware						
9/24	1982-Series A	71,900	10.97	32	A+	A+	Salomon Brothers
	District of Columbia						
8/10	1982-Series	57,480	12.22	40	Aa	AA+	Salomon Brothers
	Florida						
6/29	1982-Series A	47,000	13.23	42	Aa	AA	Merrill Lynch White Weld
9/28	1982-Series B	3,435	N/A	42*	Aa*	AA*	William R. Hough & Compan
12/1	1982-Series ABC	31,350	10.00*	20		AAA	Merrill Lynch White Weld
	Illinois						
4/7	1982-Series A	88,420	N/A	31	A	A+	Smith Barney Harris Upham
6/10	1982-Series B	64,260	10.39	44	Al	AA	Smith Barney Harris Upham
11/24	1982-Series C	72,090	N/A	43	Al*	AA*	Smith Barney Harris Upham
	Indiana						
8/12	1982-Series	8,790	13.05	42	Aa*		First Boston Corp.
	Iowa						
9/27	1982-Series C	17,555	11.07	40		Aa	Blyth Eastman Paine Webber

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TABLE A-4. (Continued)

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	Louisiana						
8/23	1982-Series A	73,640	11.82	42	Aa	AA	E.F. Hutton
	Maine						
2/25	1982 Series	23,280	13.68	31	Al	AA	Salomon Brothers
10/13	1982-Series C	5,340	N/A	32			Private Placement
11/24	1982-Series D	2,190	N/A	31			Private Placement
	Maryland						
5/7	1982-Series A	32,335	N/A	42	Aa		Matthews & Wright
7/29	1982-Series B	16,510	N/A	42	Aa		Merrill Lynch White Weld
8/18	1982-Series	34,500	N/A	20			Alex Brown & Sons
9/14	1982-Series C	66,740	11.13	20	Aa*		Merrill Lynch White Weld
	Massachusetts						
5/21	1982-Series A:3	37,890	12.38*	32	Al	A+	Blyth Eastman Paine Webb
9/1	1982-Series A	17,700	11.72	42	Aa*	AA*	Blyth Eastman Paine Webb
9/17	1982-Series A:4	63,000	11.76	32	Al*	A+*	Blyth Eastman Paine Webb
12/16	1982-Series B:4	45,300	N/A	31			Blyth Eastman Paine Webb
	Michigan						
7/21	1982-Series	32,670	N/A	33	Al	A+	E.F. Hutton
	Minnesota						
3/3	1982-Series A	40,920	13.56	32	Al	A+	Blyth Eastman Paine Webb
4/15	1982-Series B	7,210	N/A	N/A			Blyth Eastman Paine Webb
8/1	1982-Series C & D	9,575	N/A	N/A			Private Placement
	Missouri						
9/27	1982-Series	1,025	13.97	31			Salomon Brothers
5/18	1982-Series	7,425	9.58*	42		AA*	Salomon Brothers
	Montana						
5/27	Series 1982A	1,945	12.91*	40	Aa*		First Boston Corp.
	Nebraska						
9/10	1982-Series	2,945	N/A	41		AAA*	Lehman Brothers Kuhn Lo
	Nevada						
2/8	1982-Series	2,180	14.00	34	Aa	AAA	Dean Witter Reynolds
4/15	1982-Series	3,105	11.00*	32			Dean Witter Reynolds
10/26	1982-Series B	2,625	N/A	32	Aa	AAA	Dean Witter Reynolds

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TABLE A-4. (Continued)

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	New Hampshire						
3/19	1982-Series	35,415	13.16	32	Al	A+	Kidder Peabody
9/16	1982-Series 2	1,650	12.60	31	Al	A+	Private Placement
	New Jersey						
10/_	1982A	4,570	9.50*	31			Private Placement
11/1	1982 A	9,470	12.00*	32		AA*	Bear Sterns
	New York						
1/6	1982-Series	2,515	13.38	41	Aa	AAA	L.F. Rothschild
5/7	1982-Series	53,650	12.75	40	Aa	AAA	Salomon Brothers
8/13	1982-Series B	40,950	11.22	42	Aaa*	AAA	Salomon Brothers
8/20	1982-UDC Series A	12,000	N/A	10			Dillon Reed
12/2	1982-Series A	6,550	10.67*	42	Aa*	AA	Private Placement
	North Carolina						
4/8	1982-Series	7,420	N/A	N/A			Alex Brown & Sons
5/13	1982-Series A	52,000	9.95*	42	Aa	AAA	Alex Brown & Sons
	North Dakota						
11/23	1982-Series	11,365	9.22	8		AAA+*	Rauscher Pierce Refsnes
	Oregon						
5/4	1982-Series	17,740	12.07	41	Aa	AA	Kidder Peabody
10/13	1982-Series	47,150	9.48	42	Al	AA	Salomon Brothers
	Pennsylvania						
1/28	1982-Series J	24,640	14.56	31	Al	A+	Goldman Sachs
3/26	1982-Series K	22,500	13.72	31		A+	Goldman Sachs
7/8	1982-Series	62,370	12.98	42	Aa	A+	Goldman Sachs
9/2	1982-Series L	28,730	N/A	43	Al*	A+*	Goldman Sachs
10/29	1982-Series B	14,210	9.70	N/A	A	A+	Goldman Sachs
11/19	1982-Series M	20,835	N/A	32	Al	A+	Goldman Sachs
	Puerto Rico						
3/15	1982-Series	75,000	12.34	27	Aa	AAA	Lehman Brothers Kuhn Loe
	Rhode Island						
5/27	1982-Series A	50,155	12.85	27	Al	A+	Kidder Peabody
	South Carolina						
6/25	1982-Series A	24,960	11.47*	43	Aaa*	AA*	Morgan Guaranty Trust
9/7	1982-Series B	5,160	11.69*	43	Aaa*	AA*	Morgan Guaranty Trust

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TABLE A-4. (Continued)

Sale Date	Issue	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
	South Dakota						
3/15	1982-Series	13,595	N/A	40			A.G. Becker
	Texas						
10/15	1982-Series	69,920	9.55*	23*	Aa		Goldman Sachs
	Utah						
5/6	1982-Series A	17,015	12.93*	42		AA*	Blyth Eastman Paine Webb
10/14	1982-Series B	5,565	9.94	42		AA*	Bache Halsey Stuart Shield
	Vermont						
5/27	1982-Series	8,250	12.96	32	Al*	A	Goldman Sachs
	Virginia						
6/15	1982-Series A	256,970	11.50	35	Al	AA	E.F. Hutton
	West Virginia						
3/25	1982-Series	4,055	13.75	31		A	Goldman Sachs
9/14	1982-Series	1,785	11.62	21			Goldman Sachs
12/3	1982-Series A	22,450	N/A	42	Aa	AA	Goldman Sachs
	Wisconsin						
3/18	1982-Series	76,725	13.37	32	Al	A+	Smith Barney Harris Uphar
	Wyoming						
5/26	1982-Series A	3,270	13.09*	42		AA*	First Boston Corp.
9/17	1982-Series B	2,710	N/A	41			First Boston Corp.
12/17	1982-Series C	2,430	N/A	41		AA	First Bonston Corp.

SOURCE: Office of Financial Management, Department of Housing and Urban Development.

* The Council of State Housing Agencies provided this information.

NOTE: Some of these issues may be transitional and therefore not subject to the new rules in MSBTA TEFRA.

TABLE A-5. LOCAL NON-11b ISSUES FOR MULTIFAMILY, RENTAL HOUSING, 1982

Sale Date	Issuer	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
1/4	Clay County, FL	12,000	N/A	11	Al		William R. Hough
2/18	Panhandle Regional TX	17,005	12.26	7	Aaa		Kidder Peabody
2/22	Atlanta, GA	49,000	N/A	20	Aaa		E.F. Hutton
3/8	Tarrant Co., TX	48,800	11.63	N/A	Aaa		Lehman Brothers Kuhn Loeb
3/15	Maricopa Co., AZ	75,300	N/A	N/A			N/A
3/16	St. Louis Co., MO	23,840	N/A	N/A			Kirchner Moore
3/18	Los Angeles, CA	18,040	N/A	N/A			Sutro and Co.
4/16	Ontario, CA	5,000	N/A	25	Aaa		Dean Witter Reynolds
4/20	Oklahoma Co., OK	63,900	N/A	N/A	Aaa		Kidder Peabody
4/22	Phoenix, AZ	7,000	N/A	N/A			Dillon Reed
4/23	New York City, NY	173,775	N/A	42			Goldman Sachs
4/26	Dade Co., FL	2,595	N/A	10		BBB	Arch W. Roberts
4/29	El Paso, TX	6,290	N/A	N/A			Rauscher Pierce Refsnes
4/29	Harris Co., TX	20,655	N/A	N/A			Rauscher Pierce Refsnes
4/29	Odessa Co., TX	8,530	N/A	N/A	Aaa		Rauscher Pierce Refsnes
5/1	Oakland, CA	2,925	N/A	15	Aaa		N/A
5/3	Nassau Co., FL	5,760	N/A	7		A	William R. Hough
5/4	St. Tammany, LA	20,915	N/A	N/A	Aaa		Howard, Weil Labouisse
5/7	Austin/Midland/ Bexar, TX	25,470	N/A	20	Aal	AA-	First Southwest Company
5/12	Volusia Co., FL	7,090	N/A	11	Al		William R. Hough
5/17	Minneapolis, MN	21,100	N/A	11	Aal		Dain Bosworth
5/17	Tarrant Co., TX	22,895	N/A	N/A	Aaa		Lehman Brothers Kuhn Loeb
5/18	Gurnee, Il	11,235	N/A	N/A			Boettcher and Co.
6/1	Norwalk, CA	3,195	N/A	N/A			Boettcher and Co.
6/8	Spartanburg, SC	3,495	N/A	10			Matthews & Wright
6/22	Loma Linda, CA	4,000	12.46	N/A	Al		Miller & Schroeder
6/28	Evanston, WY	8,365	N/A	N/A		AA	E.F. Hutton
6/30	Dade City, FL	11,300	N/A	30			Buchanan & Company
7/15	New Bedford, MA	5,615	N/A	N/A			Kirchner Moore
8/9	Salinas-Monterey- Marina, CA	9,685	N/A	32		A-	Stone and Youngberg
8/12	Lancaster, SC	1,928	N/A	N/A			Interstate Securities Corp.
8/13	Port Arthur, TX	8,150	N/A	N/A		AAA	Boettcher and Co.
8/27	Palm Beach, FL	40,000	11.75	N/A			William R. Hough
8/27	Prince George's Co., MD	29,600	N/A	24		A-	Cranston Securities
9/9	Orange Co., CA	2,375	N/A	15		AAA	1st Interstate Bank of CA
9/14	Albany, NY	14,690	N/A	30			Bankers Trust
9/15	Los Angeles, CA	10,165	N/A	32		AAA	Dain Bosworth
9/22	St. Paul, MN	5,800	N/A	10			Piper, Jaffery & Hopewood
9/24	Allentown, PA	4,560	N/A	32			L.F. Rothschild
9/29	Montgomery Co., MD	12,500	N/A	22	A		Merrill Lynch/White Weld
9/30	Orange Co., CA	7,605	N/A	N/A			1st Interstate Bank of CA
10/12	Los Angeles, CA	45,775	N/A	N/A			Kidder Peabody
10/18	Palm Beach, FL	24,950	N/A	N/A			William R. Hough
10/19	Tulsa Co., OK	10,930	N/A	N/A		AAA-L	Rotan Mosle Inc.
10/28	New York City, NY	35,215	N/A	N/A			Blyth Eastman Paine Webber

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TABLE A-5. (Continued)

Sale Date	Issuer	Amount (thousands of dollars)	Net Interest Cost (percents)	Term	Ratings M	Ratings S&P	Lead Underwriter
10/26	Pulaski Co., AR	21,340	N/A	N/A		AAA-L	Shearson/American Express
11/3	Tulsa Co., OK	8,290	N/A	N/A			Shearson/American Express
11/9	Tulsa Co., OK	24,880	N/A	N/A		AAA-L	Rotan Mosle, Inc.
11/18	Howard Co., MD	6,100	N/A	N/A			Baker, Watts and Co.
11/22	Pima Co., AZ	31,800	N/A	10		AAA	Rauscher Pierce Refsnes
11/23	Panhandle Regional, TX	42,200	N/A	12		AAA-L	Kidder Peabody
11/29	Canadian Co., OK	9,175	N/A	N/A		AAA-L	Rotan Mosle, Inc.
11/29	Orange Co., CA	7,315	N/A	N/A			1st Interestate Bank of CA
12/1	Philadelphia, PA	8,000	N/A	N/A			Merrill Lynch White Weld
12/1	Oakland, CA	16,600	N/A	N/A		AAA-L	E.F. Hutton
12/1	San Bernadino, CA	7,005	N/A	14		AAA	Cranston Securities
12/1	Grady Co., OK	2,850	N/A	12		AAA-L	Leo Oppenheim & Company
12/1	Comanche Co., OK	5,215	N/A	12		AAA-L	Leo Oppenheim & Company
12/1	Jackson Co., OK	2,850	N/A	12		AAA-L	Leo Oppenheim & Company
12/1	Lakewood, CO	17,970	N/A	N/A		AAA-	Boettcher and Company
12/2	Allegheny Co., PA	1,800	N/A	31		AAA	Russell Rea & Zappola
12/2	Austin, TX	26,630	N/A	20	Aa		E.F. Hutton
12/6	Clay Co., TX	20,000	N/A	N/A		AAA-L	Kidder Peabody
12/8	Escambia Co., FL	4,830	N/A	11		AAA	William R. Hough
12/10	Abilene, TX	7,530	N/A	N/A		AA+	Rotan Mosle, Inc.
12/10	Harris Co., TX	30,175	N/A	10		AAA-L	Rauscher Pierce Refsnes
12/10	Travis Co., TX	11,700	N/A	10		AAA-L	Rauscher Pierce Refsnes
12/10	Galveston, TX	9,920	N/A	10		AAA-L	Rotan Mosle, Inc.
12/10	Pulaski Co., AR	18,265	N/A	N/A		AAA-L	Shearson/American Express
12/10	Harris Co., TX	33,300	N/A	N/A			Bankers Trust Co.
12/13	DeSoto, TX	8,090	N/A	N/A		AAA-L	Rotan Mosle, Inc.
12/14	Southeast Texas, TX	39,495	N/A	N/A			Shearson/American Express
12/15	San Buenaventura, CA	16,000	N/A	15		AAA-L	Shearson/American Express
12/15	Clay Co., FL	20,000	N/A	N/A			Merrill Lynch White Weld
12/16	Gregg Co., AR	9,575	N/A	12		AAA-L	Kidder Peabody
12/16	Denton Co., TX	29,065	N/A	N/A			Kidder Peabody
12/17	Minneapolis, MN	12,000	N/A	N/A			Dain Bosworth
12/17	Vista, CA	8,710	N/A	15		AAA-L	Shearson/American Express
12/17	San Diego, CA	19,655	N/A	23			Goldman Sachs
12/18	Heart of Texas, TX	23,000	N/A	12		AAA-L	Kidder Peabody
12/21	New Orleans, LA	18,555	N/A	13		AAA-L	Shearson/American Express
12/21	Southeast Texas, TX	39,495	N/A	10		AAA-L	Rotan Mosle Inc.
12/22	Midland, TX	17,470	N/A	12		AAA-L	Rotan Mosle Inc.
12/22	Kern Co., CA	2,498	N/A	N/A			Security Pacific Nat'l. Bank
12/23	San Bernardino, CA	7,005	N/A	24		AAA	Cranston Securities, Inc.
12/28	Harris Co., AR	23,260	N/A	10		AAA-L	Rauscher Pierce Refnses
12/28	DeKalb Co., GA	18,700	N/A	22		AAA	Dean Witter
12/29	Napa Co., CA	3,125	N/A	19		AAA	Newman Associates
12/30	Santa Rosa, CA	5,870	N/A	15		AAA	Newman Associates
12/30	St. Louis, MO	4,320	N/A	11		AA-	Mercantile Trust

SOURCE: Office of Financial Management, Department of Housing and Urban Development.

NOTE: Some of these issues may be transitional, and therefore not subject to the new rules of MSBT and TEFRA.