

THE BOND BUYER'S

2010 IN STATISTICS

Striking a Balance

Growing Into a Tax-Exempt
& Taxable Market



Shifting Conditions Boost Refundings 23% in 1st Half

By MICHAEL SCARCHILLI

Refunding volume increased 22.8% to \$47.8 billion in the first six months of 2010, despite the year-long decline in long-term non-stimulus program bond issuance, reflecting a shift in the yield curve and improved market conditions. Refunding volume was \$38.9 billion in the same period of 2009.

Yield levels experienced their most precipitous drop in the 7-to-12 year portion in the first half of this year as they declined anywhere from 10 to 22 basis points, according to the **Municipal Market Data's** triple-A scale. The long end of

"The belly of the curve is rallying. ... That's probably a function of people getting more comfortable with the fact that the economy has been slow."

Evan Rourke, Eaton Vance



the curve also rallied, with yields dropping from 8 to 13 basis points between 25 and 30 years.

"The belly of the curve is rallying," said **Evan Rourke**, portfolio manager at **Eaton Vance**. "That's probably a function of people getting more comfortable with the fact that the economy has been slow, that inflation hasn't picked up, and that rates are likely to stay low for longer than people thought."

Rates still managed to post gains in the intermediate part of the curve in the first half of 2010, with yields climbing between three and five basis points between 15 and 22 years out.

Rourke said those gains are indicative of an "absence of real strong buying interest."

The MMD triple-A scale yielded 3.00% in

10 years and 3.70% in 20 years on Dec. 31, 2009, along with 4.15% in 30 years. On June 30 of this year, the scale dipped 21 basis points to 2.79% in 10 years and 13 basis points to 4.02% in 30 years, but increased five basis points to 3.75% in 20 years.

"The market seems to be slowly adjusting to current market yields," Rourke said. "Every time you've dropped a handle historically, with individual investors being the dominant buyer of munis, there's been a degree of hesitation."

People have slowly adjusted their expectations as yields have fallen and inflation has remained low, and are more

comfortable now with the idea that a 2.5% return is OK in a 1% environment, he said.

"Now you're talking about 10-year munis through a 3%, 20-year munis — you're below a 4%, and the long end is also below a 4%," Rourke said.

Daniel Berger, senior market strategist at **Thomson Reuters**, said "investor preference has been to stay short given the historically low yields" the past few months. Overall long-term issuance in the municipal market in the first half of 2010 climbed 3.9% to \$204.2 billion, up from \$196.5 billion during the same period last year.

With **Build America Bonds** and other stimulus debt now exceeding a quarter of long-term issuance in the first half, non-stimulus long-term issuance declined 18.2% to \$147.9 billion from \$180.7 billion during the same period in 2009.

Nearly all non-stimulus categories showed a drop from first-half 2009 levels, with the exception of refundings. Berger said the uptick in refundings figures to continue in the second half of the year.

"Anecdotally, we are hearing a lot of refundings popping up in the calendar," he said. "We are seeing quite a few names and the calendar is getting very crowded."

Rourke also noted that the difficulties issuers face in doing refundings is "the issue of relative value to munis and

"I think we are just getting the benefits of a low yield. But it will be very hard to duplicate [2009] even with the absolute low yields that we are seeing in the markets."

Howard Mackey, Rice Financial



the ability to construct an escrow — the arbitrage issues." He said that refundings will continue to get done if issuers can do escrows.

"You always see a lot of those shorter call bonds getting done — bonds with a 2017 call and a 2024 maturity," Rourke said. "Those bonds are getting refunded — I think you'll see that continue."

Tax-exempts cheapened to Treasuries considerably over the first half of the year, helping to make munis more attractive. On Dec. 31, 2009, the triple-A municipal scale in 10 years was 77.5% of comparable Treasuries and 30-year munis

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LONG-TERM BONDS: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$204,206,900	6,282	\$196,499,700	5,619	+3.9%
January	32,677,700	741	23,156,100	640	+41.1
February	26,993,600	855	23,396,100	828	+15.4
March	44,294,700	1,147	38,833,900	945	+14.1
April	27,355,600	1,011	36,843,900	1,028	-25.8
May	38,240,300	1,194	30,407,500	1,027	+25.8
June	34,645,000	1,334	43,862,300	1,151	-21.0
First Quarter	85,448,200	2,414	85,021,000	2,485	+0.5
Second Quarter	111,087,000	3,205	146,263,800	3,716	-24.1
Development	1,855,200	87	2,522,300	67	-26.4
Education	48,701,900	2,486	49,150,400	2,283	-0.9
Electric Power	16,192,800	135	8,767,100	106	+84.7
Environmental Facilities	2,933,600	42	3,769,200	56	-22.2
Health Care	19,439,200	272	21,710,300	272	-10.5
Housing	2,903,800	94	3,852,100	115	-24.6
Public Facilities	4,588,800	262	5,818,900	279	-21.1
Transportation	26,027,100	263	19,910,700	222	+30.7
Utilities	18,923,600	683	18,494,400	525	+2.3
General Purpose	62,641,000	1,958	62,504,300	1,694	+0.2
Tax-Exempt	135,943,700	4,856	169,780,400	5,147	-19.9
Taxable	66,464,300	1,396	25,883,500	447	+156.8
Minimum Tax	1,799,000	30	835,800	25	+115.2
New-Money	125,681,800	3,951	126,375,000	3,578	-0.5
Refunding	47,845,000	1,881	38,969,200	1,665	+22.8
Combined	30,680,100	450	31,154,200	374	-1.5
Negotiated	168,699,600	4,156	167,352,300	3,587	+0.8
Competitive	34,779,200	2,084	28,009,800	1,906	+24.2
Private Placements	728,100	42	1,137,600	126	-36.0
Revenue	130,175,000	2,346	118,246,700	1,946	+10.1
General Obligation	74,031,900	3,936	78,253,000	3,673	-5.4
Fixed-Rate	188,924,300	6,050	171,964,700	5,178	+9.9
Variable-Rate (Short Put)	8,210,500	154	16,795,800	353	-51.1
Variable-Rate (Long/No Put)	3,862,900	33	5,037,100	56	-23.3
Zero-Coupon	1,968,900	185	2,702,200	215	-27.1
Linked-Rate	1,240,400	3	0	0	n.m.
Bond Insurance	13,668,700	813	21,411,800	1,184	-36.2
Letters of Credit	4,197,400	94	11,326,200	264	-62.9
Standby Purchase Agreements	903,500	11	1,523,400	22	-40.7
Insured Mortgages	724,700	25	860,900	28	-15.8
Other Guaranties	8,119,200	522	3,975,300	358	+104.2
State Governments	29,251,400	130	30,765,000	117	-4.9
State Agencies	63,331,800	603	58,160,300	606	+8.9
Counties & Parishes	13,959,900	507	13,778,300	426	+1.3
Cities & Towns	25,773,100	1,755	23,740,900	1,555	+8.6
Districts	28,830,100	2,357	31,584,600	2,251	-8.7
Local Authorities	36,103,600	798	29,168,700	524	+23.8
Colleges & Universities	6,118,600	122	8,307,800	126	-26.4
Direct Issuers	726,000	8	994,100	14	-27.0
Tribal Governments	112,300	2	0	0	n.m.
Bank-Qualified	17,569,100	3,211	16,733,200	3,101	+5.0
Build America Bonds	51,845,300	721	15,592,600	148	+232.5
Qualified Sch Construction	2,503,600	166	106,100	3	+2259.7
Other Stimulus	1,946,300	201	53,900	5	+3510.9

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

SHORT-TERM NOTES: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$22,054,900	1,376	\$21,755,800	1,482	+1.4%
January	1,838,000	174	2,525,000	227	-27.2
February	1,132,700	148	1,532,800	195	-26.1
March	2,619,500	185	1,499,700	182	+74.7
April	2,275,300	188	3,171,600	203	-28.3
May	1,659,100	196	3,746,300	193	-55.7
June	12,530,400	485	9,280,400	482	+35.0
First Quarter	5,590,100	507	5,557,500	604	+0.6
Second Quarter	16,464,800	869	16,198,300	878	+1.6
Development	4,000	2	7,100	2	-43.7
Education	5,939,400	451	5,619,600	498	+5.7
Electric Power	245,500	8	1,162,400	18	-78.9
Environmental Facilities	6,100	2	0	0	n.m.
Health Care	70,000	3	27,500	8	+154.5
Housing	0	0	7,400	1	-100.0
Public Facilities	67,300	28	123,100	41	-45.3
Transportation	682,700	31	534,100	31	+27.8
Utilities	759,400	44	621,600	61	+22.2
General Purpose	14,280,700	807	13,653,100	822	+4.6
Tax-Exempt	21,488,700	1,322	21,283,300	1,436	+1.0
Taxable	566,300	54	471,100	45	+20.2
Minimum-Tax	0	0	1,400	1	-100.0
New-Money	21,744,600	1,364	21,132,900	1,453	+2.9
Refunding	113,800	9	489,800	24	-76.8
Combined	196,500	3	133,100	5	+47.6
Negotiated	12,284,200	373	11,310,100	461	+8.6
Competitive	9,717,700	993	10,181,500	981	-4.6
Private Placements	53,000	10	264,200	40	-79.9
Revenue	2,610,100	44	4,095,200	60	-36.3
General Obligation	19,444,800	1,332	17,660,600	1,422	+10.1
Fixed-Rate	21,724,500	1,370	21,601,800	1,477	+0.6
Variable-Rate (Short Put)	95,600	5	154,000	5	-37.9
Variable-Rate (Long/No Put)	234,900	1	0	0	n.m.
Zero-Coupon	0	0	4,100	1	-100.0
Bond Insurance	100	1	0	0	n.m.
Letters of Credit	30,900	3	199,400	7	-84.5
Standby Purchase Agreements	0	0	27,500	1	-100.0
Other Guaranties	73,100	7	29,900	5	+144.5
State Governments	3,093,600	18	2,659,000	11	+16.3
State Agencies	3,350,000	37	3,851,300	33	-13.0
Counties & Parishes	4,150,100	91	3,986,300	113	+4.1
Cities & Towns	6,262,600	740	5,130,200	764	+22.1
Districts	4,358,300	429	4,203,500	488	+3.7
Local Authorities	538,100	50	1,267,400	61	-57.5
Colleges & Universities	298,800	6	300,300	4	-0.5
Direct Issuers	3,400	5	357,800	8	-99.0
Bank-Qualified	4,229,900	982	3,820,800	1,001	+10.7

NOTES: Figures are based on issues maturing in less than 13 months. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Bond Sales by State: First Half

State	2010			2009			Pct Chg
	Rank	Amt (000s)	# Iss	Rank	Amt (000s)	# Iss	
Alabama	35	\$1,303,600	89	35	\$1,385,000	68	-5.9
Alaska	48	286,600	10	43	559,400	10	-48.8
Arizona	19	3,312,800	91	11	4,577,800	88	-27.6
Arkansas	37	1,078,900	74	39	817,400	73	+32.0
California	1	30,291,200	410	1	35,403,600	337	-14.4
Colorado	20	2,877,800	85	24	2,363,400	77	+21.8
Connecticut	18	3,424,800	95	22	2,594,600	72	+32.0
Delaware	44	434,900	7	44	519,700	5	-16.3
Florida	5	10,376,300	101	5	7,441,000	73	+39.4
Georgia	12	4,750,400	65	12	4,294,100	60	+10.6
Hawaii	32	1,588,600	7	33	1,412,200	8	+12.5
Idaho	49	271,400	14	45	494,900	13	-45.2
Illinois	3	15,611,400	397	6	7,283,200	376	+114.3
Indiana	24	2,655,500	120	19	3,065,700	134	-13.4
Iowa	31	1,594,700	229	30	1,659,400	249	-3.9
Kansas	29	1,676,900	151	28	1,943,400	148	-13.7
Kentucky	21	2,809,300	122	20	2,875,000	134	-2.3
Louisiana	34	1,492,500	46	32	1,428,900	63	+4.5
Maine	43	482,200	21	42	592,300	14	-18.6
Maryland	23	2,749,500	54	26	2,217,800	40	+24.0
Massachusetts	7	7,884,700	141	10	4,859,500	121	+62.3
Michigan	15	4,139,200	202	17	3,870,700	160	+6.9
Minnesota	26	2,269,400	255	23	2,397,300	307	-5.3
Mississippi	41	559,800	47	40	765,200	67	-26.8
Missouri	13	4,328,700	283	27	2,036,800	164	+112.5
Montana	46	300,300	18	53	97,000	16	+209.6
Nebraska	39	804,600	183	37	1,144,700	248	-29.7
Nevada	25	2,588,700	36	31	1,651,600	33	+56.7
New Hampshire	40	598,100	16	47	444,700	11	+34.5
New Jersey	8	6,789,200	159	7	6,763,000	147	+0.4
New Mexico	38	1,005,800	40	36	1,383,500	49	-27.3
New York	2	18,195,300	362	2	20,414,800	285	-10.9
North Carolina	16	3,544,600	75	14	4,201,100	64	-15.6
North Dakota	47	296,300	43	52	137,100	28	+116.1
Ohio	11	5,176,200	208	15	4,164,600	153	+24.3
Oklahoma	33	1,568,800	264	38	922,100	192	+70.1
Oregon	27	2,171,700	64	18	3,232,300	71	-32.8
Pennsylvania	6	9,796,000	328	4	9,948,200	322	-1.5
Rhode Island	42	555,300	21	41	724,200	19	-23.3
South Carolina	28	1,693,900	46	34	1,399,000	57	+21.1
South Dakota	52	199,500	47	48	284,200	41	-29.8
Tennessee	17	3,535,600	85	21	2,674,000	79	+32.2
Texas	4	14,555,800	597	3	14,842,500	441	-1.9
Utah	36	1,163,000	60	29	1,790,200	53	-35.0
Vermont	50	240,600	10	51	177,400	7	+35.6
Virginia	14	4,142,400	88	9	5,530,500	59	-25.1
Washington	10	5,756,500	106	13	4,238,100	99	+35.8
West Virginia	45	373,100	12	50	190,100	4	+96.3
Wisconsin	22	2,756,000	263	16	4,018,800	245	-31.4
Wyoming	53	101,400	7	54	31,400	13	+222.9
American Samoa	..	0	0	..	0	0	n.m.
District of Columbia	30	1,599,400	12	25	2,358,100	13	-32.2
Guam	51	206,600	2	46	473,500	2	-56.4
Puerto Rico	9	6,155,700	12	8	6,154,900	6	+0.0
Trust Territories	..	0	0	..	0	0	n.m.
Virgin Islands	54	85,300	2	49	250,000	1	-65.9
Other Territories	..	0	0	..	0	0	n.m.
TOTAL		\$204,206,900	6,282		\$196,499,700	5,619	+3.9

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Note Sales by State: First Half

State	2010			2009			Pct Chg
	Rank	Amt (000s)	# Iss	Rank	Amt (000s)	# Iss	
Alabama	35	\$7,000	1	..	\$0	0	n.m.
Alaska	21	120,000	1	23	126,000	1	-4.8
Arizona	37	3,700	1	..	0	0	n.m.
Arkansas	39	1,000	1	..	0	0	n.m.
California	1	6,457,400	60	1	3,806,600	35	+69.6
Colorado	18	260,100	3	..	0	0	n.m.
Connecticut	8	722,500	44	11	689,300	48	+4.8
Delaware	..	0	0	..	0	0	n.m.
Florida	9	702,500	5	6	1,105,300	12	-36.4
Georgia	14	392,000	7	9	936,100	10	-58.1
Hawaii	..	0	0	..	0	0	n.m.
Idaho	11	500,000	1	14	500,000	1	unch
Illinois	16	334,400	30	5	1,138,500	36	-70.6
Indiana	13	404,400	13	7	1,061,300	31	-61.9
Iowa	31	45,200	7	16	330,300	8	-86.3
Kansas	20	212,900	19	15	345,300	25	-38.3
Kentucky	19	238,900	3	27	54,900	8	+335.2
Louisiana	..	0	0	35	3,200	3	-100.0
Maine	30	45,600	3	28	39,200	5	+16.3
Maryland	..	0	0	..	0	0	n.m.
Massachusetts	7	722,500	153	10	720,600	136	+0.3
Michigan	17	325,900	9	13	507,300	10	-35.8
Minnesota	24	77,800	7	29	36,500	5	+113.2
Mississippi	..	0	0	..	0	0	n.m.
Missouri	22	111,200	3	19	197,200	4	-43.6
Montana	36	6,000	1	..	0	0	n.m.
Nebraska	38	3,200	5	36	2,700	6	+18.5
Nevada	23	100,000	1	..	0	0	n.m.
New Hampshire	25	70,800	7	25	75,400	5	-6.1
New Jersey	3	2,104,500	294	3	2,740,800	274	-23.2
New Mexico	..	0	0	26	55,000	3	-100.0
New York	2	3,434,500	452	2	2,886,700	495	+19.0
North Carolina	33	37,900	5	30	29,400	6	+28.9
North Dakota	..	0	0	..	0	0	n.m.
Ohio	5	888,100	167	4	1,576,800	246	-43.7
Oklahoma	..	0	0	33	5,000	1	-100.0
Oregon	6	844,900	2	31	18,700	2	+4418.2
Pennsylvania	15	343,300	5	17	298,500	6	+15.0
Rhode Island	29	50,100	6	32	11,000	2	+355.5
South Carolina	12	466,300	11	20	192,700	14	+142.0
South Dakota	..	0	0	..	0	0	n.m.
Tennessee	28	62,200	2	18	245,200	6	-74.6
Texas	10	680,400	7	12	597,400	10	+13.9
Utah	32	40,200	3	22	130,300	6	-69.1
Vermont	..	0	0	34	5,000	1	-100.0
Virginia	34	8,400	1	24	109,700	2	-92.3
Washington	26	70,200	2	21	174,900	1	-59.9
West Virginia	..	0	0	..	0	0	n.m.
Wisconsin	4	1,095,900	33	8	1,003,000	18	+9.3
Wyoming	..	0	0	..	0	0	n.m.
American Samoa	..	0	0	..	0	0	n.m.
District of Columbia	27	63,300	1	..	0	0	n.m.
Guam	..	0	0	..	0	0	n.m.
Puerto Rico	..	0	0	..	0	0	n.m.
Trust Territories	..	0	0	..	0	0	n.m.
Virgin Islands	..	0	0	..	0	0	n.m.
Other Territories	..	0	0	..	0	0	n.m.
TOTAL		\$22,054,900	1,376		\$21,755,800	1,482	+1.4

NOTES: Figures are based on issues maturing in less than 13 months. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

BUILD AMERICA BONDS: Semiannual Issuance

	First Half 2010		Second Half 2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$51,845,300	721	\$48,517,100	641	+6.9%
First Quarter/Third Quarter	26,704,800	332	19,940,400	301	+33.9
Second Quarter/Fourth Quarter	25,140,500	389	28,576,600	340	-12.0
Development	13,500	3	46,400	2	-70.9
Education	10,895,500	268	12,118,400	199	-10.1
Electric Power	5,576,900	31	2,312,000	21	+141.2
Environmental Facilities	310,800	4	0	0	n.m.
Health Care	535,200	13	1,708,100	15	-68.7
Housing	14,000	2	25,600	5	-45.3
Public Facilities	1,720,200	37	1,882,900	41	-8.6
Transportation	9,856,900	46	9,955,200	52	-1.0
Utilities	6,649,700	90	6,228,300	87	+6.8
General Purpose	16,272,600	227	14,240,200	219	+14.3
Negotiated	41,364,900	484	42,437,600	436	-2.5
Competitive	10,480,400	237	6,079,300	205	+72.4
Revenue	30,279,600	308	27,248,300	279	+11.1
General Obligation	21,565,600	413	21,268,700	362	+1.4
Fixed-Rate	51,095,300	720	48,492,000	640	+5.4
Variable-Rate (Short Put)	0	0	25,000	1	-100.0
Variable-Rate (Long/No Put)	750,000	1	0	0	n.m.
Bond Insurance	1,136,500	60	1,285,500	69	-11.6
Letters of Credit	0	0	25,000	1	-100.0
Insured Mortgages	25,100	1	35,600	2	-29.5
Other Guaranties	1,362,500	54	914,000	33	+49.1
State Governments	9,658,900	26	8,005,800	33	+20.6
State Agencies	12,605,700	67	9,699,100	43	+30.0
Counties & Parishes	2,790,100	79	3,409,900	85	-18.2
Cities & Towns	6,147,300	182	5,625,300	185	+9.3
Districts	7,224,600	232	9,522,300	175	-24.1
Local Authorities	11,178,400	99	8,042,300	82	+39.0
Colleges & Universities	2,017,000	33	3,306,400	35	-39.0
Direct Issuers	223,300	3	906,000	3	-75.4

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Size of BAB Issues Fell as Smaller Issuers Stepped Up

BY RICHARD WILLIAMSON

DALLAS — The average offering of Build America Bonds fell in the first half of 2010 as smaller issuers became more familiar with the hybrid product that mimics corporate bonds and targets the municipal market.

An increasing number of smaller issuers, such as school districts and local authorities, took advantage of the federally subsidized bonds in the \$1 million to \$5 million range even as major issuers continued to offer large deals. California's \$2.5 billion general obligation bond issue in March topped those major issues.

The mean size of BAB deals fell to about \$72 million in the first six months of this year from about \$76 million in the second half of 2009. Year-over-year

"Some issuers are required to sell bonds competitively," noted Daniel Kozloff, managing director at Public Financial Management, the top financial adviser for BAB deals from Jan. 1 to June 30. "As the BAB market has evolved, we have seen this sale type become more prevalent. We're seeing those issuers who have to sell bonds competitively able to access this market and receive aggressive bids on their BABs."

The increasing versatility of BABs marks the rapid evolution of the taxable muni bond that made its first appearance in a pair of issues on April 15, 2009, about two months after enactment of the American Recovery and Reinvestment Act.

Last month, the University of Virginia — which, along with the University of Minnesota broke the 2009 BABs barrier — took a second helping with a \$190 million competitive deal. The university's first issue of \$250 million sold through negotiation with JPMorgan.

The growth of BABs is reflected in the fact that taxable municipals comprised 33% of the issuance in



"Now ... some of the smaller BAB transactions are being structured with serial maturities and 10-year call provisions that mirror traditional tax-exempt call provisions."

Edith Behr, Moody's

comparisons are not possible because BABs were not introduced until April of last year.

With 721 issuers, BAB volume climbed to \$51.9 billion, a 7% rise over the second half of 2009 when 641 issues sold.

The stimulus sector continued to diversify in March when President Obama signed the Hiring Incentives to Restore Employment Act, or HIRE, that provides direct-subsidy payments to qualified school construction bonds, qualified zone academy bonds, new clean renewable energy bonds, and qualified energy conservation bonds. Issuers and their underwriters also found ways to overcome one early limitation of BABs — the lack of call provisions.

"The first of these Build America Bonds transactions were structured along the lines of corporate bonds with long-term bullet maturities and either no-call provisions or 'make whole' call provisions," Moody's Investors Service analyst Edith Behr said. "Now, however, some of the smaller BAB transactions are being structured with serial maturities and 10-year call provisions that mirror traditional tax-exempt call provisions."

The original BAB deals were negotiated, but issuers and their advisers learned they could offer the bonds competitively as the market matured. In the first half of this year, 237 deals worth \$10.5 billion sold competitively versus 205 deals valued at \$6 billion in the second half of 2009 — a 75% increase.

the first half of this year, versus 13% in the final six months of 2009. Volume of \$26.7 billion in the first quarter of 2010 was slightly larger than the second quarter's \$25.1 billion.

Citi, the top underwriter for BABs in the first half, managed 40 issues worth \$7.6 billion, giving the company a 14.7% market share, slightly ahead of Bank of America Merrill Lynch at 14.5%. Goldman, Sachs & Co. ranked third with 17 deals valued at \$5.8 billion, followed by Barclays Capital at \$5.6 billion and JPMorgan with \$5.3 billion.

Citi, which served as senior manager on California's \$2.5 billion deal, moved to the top spot from the No. 3 position in the second half of 2009.

Among financial advisers, PFM dominated the field with 23% of the market and 64 issues worth \$10.3 billion. Public Resources Advisory Group ranked second with \$5.9 billion and a 17% market share, followed by First Southwest Co.'s \$3.3 billion and 7.4% share.

Underwriters, brokers and analysts recognized the need to educate investors about the hybrid characteristics of the new product.

"Due to the success of the BAB program, nontraditional buyers of municipal bonds have entered the market at an accelerating pace," analysts at Fitch Ratings wrote in a special report. "These new investors include life insurance companies, individual retirement accounts, public pension funds, and non-U.S. investors."

Build America Bonds Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 Citi	\$7,642.3
2 BA Merrill Lynch	7,536.7
3 Goldman Sachs	5,821.6
4 Barclays Capital	5,612.3
5 JPMorgan	5,283.9
6 Morgan Stanley	3,886.0
7 Morgan Keegan	1,842.5
8 RBC Cap Mkts	1,494.2
9 Wells Fargo	1,343.1
10 Siebert Brandford	1,149.7

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Build America Bonds Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Financial Mgmt	\$10,288.0
2 Public Resources Adv	5,914.9
3 FirstSouthwest	3,263.7
4 AC Advisory	2,570.6
5 Montague DeRose	2,080.7
6 Lamont Financial	1,637.9
7 KNN Public Finance	1,569.8
8 Goldman Sachs	1,415.0
9 RBC Cap Mkts	931.6
10 MFR Securities	727.0

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest Build America Bond Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Mar 25	California (State), GOs	2,500.0	Citi/BAML
Jun 24	Bay Area Toll Authority, Calif., bridges	1,500.0	Various firms
Feb 18	Los Angeles Unified School District, Calif., GOs	1,250.6	Various firms
Mar 3	Georgia Municipal Electric Authority	1,224.3	Goldman Sachs
May 25	Washington (State), highway GOs	1,156.0	JPMorgan/BAML
Mar 5	Georgia Municipal Electric Authority	1,012.2	Goldman Sachs
Jan 28	Illinois (State), GOs	1,000.0	Barclays Capital
May 26	New York State Dormitory Authority, misc purpose (cpt)	800.0	BA Merrill Lynch
May 17	New Jersey Economic Development Authority, schools	750.0	BA Merrill Lynch
Jun 9	New York City, GOs	748.6	Morgan Stanley

Key to abbreviations: BAML – Bank of America Merrill Lynch; (cpt) – competitive; GOs – general obligation bonds. Source: Thomson Reuters (7/11/10)

After Direct-Pay Option Is Added, QSCBs Stay Strong

By PETER SCHROEDER

WASHINGTON — Issuance of qualified school construction bonds skyrocketed in the first half of 2010, primarily because of a new law permitting the debt to be sold as direct-pay bonds similar to Build America Bonds, market participants say.

All told, 167 issues of QSCBs totaling \$2.53 billion were sold in the first half of 2010 — a 2,283% increase from the first half of 2009, when just three issues worth \$106.1 million of the bonds were sold, according to **Thomson Reuters**.

However, the numbers for the first half of 2009 are understandably low because the American Recovery and

tax credit.

Issuers of the school bonds that opt for the direct-pay mode receive payments equal to the lesser of the actual interest rate of the bonds or the tax-credit rate for muni tax-credit bonds, which the Treasury sets daily.

Issuers of direct-pay energy bonds receive payments equal to 70% of that amount.

QSCBs were never very popular in the tax-credit mode. Following the enactment of the HIRE act, issuers made a near-universal shift to the direct-pay mode, which offers a simpler, more direct subsidy than tax credits.

Congress had been pushing tax-credit bonds for schools and renewable energy

projects for years with the qualified zone academy bond program, which was created in 1998.

That effort greatly increased as part of the ARRA, which created the QSCB program and authorized \$22 billion of bond authority for it — the most ever for a



“We’re just really pleased that Congress earlier this year amended those programs to make them direct-pay eligible.”

Michael Decker, SIFMA

Reinvestment Act that authorized the bonds was not enacted into law until February of that year, and the Treasury Department did not allocate the bonds to states and large local school districts until April.

As a result, QSCBs could not have been issued until after the first four months of the year.

The figures for this year are almost as high as the 186 issues totaling \$2.801 billion of QSCBs sold in all of 2009, according to data in The Bond Buyer/Thomson Reuters Yearbook. Market participants point to the Hiring Incentives to Restore Employment Act, enacted in March, as a major reason.

“We’re just really pleased that Congress earlier this year amended those programs to make them direct-pay eligible,” said **Michael Decker**, managing director and co-head of municipal securities at the Securities Industry and Financial Markets Association. “They were really underutilized.”

“There’s a lot of demand for school construction. And the way the program is structured, it’s very attractive for issuers, they get very attractive rates of financings,” he added. “It takes advantage of this growing market of taxable munis, and it’s encouraging.”

The HIRE Act gave issuers the option of issuing QSCBs — as well as qualified zone academy bonds, clean renewable energy bonds, and qualified energy conservation bonds — as direct-pay taxable bonds.

Issuers have the option of receiving subsidy payments equal to a portion of their interest costs from the federal government in lieu of investors obtaining a

tax-credit bond program.

The stimulus law also authorized an additional \$1.8 billion of QZABs

However, the tax-credit bond market had always struggled to grow into a viable, reliable market, amid complaints that it was difficult to market the tax credits to investors.

That problem was exacerbated by the financial crisis, which greatly reduced the allure of tax credits.

Meanwhile, after the ARRA created BABs, the first-ever direct pay bonds, they took off in the taxable market.

More than \$100 billion have been issued in the year and half since they were created, and market participants are clamoring for Congress to extend the program beyond its expiration date at the end of the year, if not make it a permanent fixture of municipal finance.

“The tax-credit portion of the market never really developed,” said **William Daly**, senior vice president of government relations at the Regional Bond Dealers Association. “Moving them into direct pay makes a big difference.”

QSCBs can be used for the construction, rehabilitation, or repair of public schools, as well as to purchase equipment for those schools or acquire land for the purposes of building a school.

The bonds were allocated in two \$11 billion tranches to be used by states and localities in 2009 and 2010.

In addition to allocating bond authority to each state and territory, the Treasury also allocated bond authority directly to the 100 largest local school districts nationwide.

An additional \$200 million was allocated each year to tribal governments. □

QUALIFIED SCHOOL CONSTRUCTION BONDS

	First Half 2010		Second Half 2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$2,503,600	166	\$2,732,900	189	-8.4%
First Quarter/Third Quarter	260,300	26	399,000	46	-34.8
Second Quarter/Fourth Quarter ...	2,243,300	140	2,333,800	143	-3.9
New-Money	2,503,600	166	2,732,800	189	-8.4
Negotiated	2,081,200	140	2,453,400	149	-15.2
Competitive	333,400	20	122,000	19	+173.3
Private Placements	89,100	6	157,300	21	-43.4
Revenue	1,110,900	33	790,800	36	+40.5
General Obligation	1,392,800	133	1,942,000	153	-28.3
Fixed-Rate	2,494,200	164	2,731,300	188	-8.7
Zero-Coupon	9,400	2	1,400	1	+571.4
Bond Insurance	50,000	3	106,500	2	-53.1
Other Guaranties	411,000	65	394,300	50	+4.2
State Governments	33,000	1	169,500	3	-80.5
State Agencies	422,900	8	520,800	6	-18.8
Counties & Parishes	34,900	1	32,600	3	+7.1
Cities & Towns	72,600	3	32,000	2	+126.9
Districts	1,592,700	142	1,861,200	165	-14.4
Local Authorities	347,500	11	116,800	10	+197.5

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Qualified School Construction Bonds Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 BA Merrill Lynch	\$346.3
2 Goldman Sachs	336.1
3 Stifel Nicolaus	247.7
4 Wells Fargo	131.0
5 JPMorgan	110.3
6 Citi	108.6
7 Morgan Keegan	97.4
8 Fifth Third Secs	87.4
9 Piper Jaffray	86.6
10 Stone & Youngberg	84.4

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Qualified School Construction Bonds Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Financial Mgmt	\$221.0
2 Public Resources Adv	213.8
3 Stauder Barch	177.2
4 KNN Public Finance	170.1
5 Tamalpais Advisors	158.1
6 AC Advisory	125.0
7 Nevada St Bk Pub Fin	110.3
8 BB&T Cap Mkts	72.7
9 Umbaugh	70.4
10 Stephens	58.3

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest Qualified School Construction Bonds

First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Apr 22	Los Angeles Unified School District, Calif., GOs	290.2	Goldman Sachs
May 18	New York City Transitional Finance Authority	250.0	BA Merrill Lynch
Jun 15	Massachusetts School Building Authority	151.0	Jefferies/Barclays
Jun 17	Clark County School District, Nev., GOs	110.2	JPMorgan
Jun 11	Miami-Dade County School Board, Fla.	96.3	BA Merrill Lynch
Jun 23	Virginia Public School Authority (cpt)	72.7	Wells Fargo
Jun 24	West Virginia School Building Authority	72.3	Citi
Jan 14	Indiana Bond Bank	67.2	City Securities
Jan 27	Fayetteville School District No. 1, Ark., GOs (cpt)	52.3	Crews & Associates
Apr 20	Osceola County School Board, Fla.	40.5	Wells Fargo

Key to abbreviations: (cpt) – competitive; GOs – general obligation bonds. Source: Thomson Reuters (7/20/10)

Note Issuance Hovers, Hits Peaks in March and June

BY CHRISTINE ALBANO

Tax-exempt note issuance in the first half of 2010 remained roughly flat from the same period in 2009, though it peaked in March and June, according to new data from **Thomson Reuters**.

Volume grew to \$22.05 billion compared with \$21.76 billion sold in the first half of 2009, although the number of deals brought to market fell to 1,376 from 1,482 last year.

Monthly note issuance grew, however, by a significant 74.7% in March to \$2.62 billion from \$1.50 billion versus the first half of 2009, and rose by 35% in June to \$12.53 billion from \$9.28 billion last year, the data indicated.

A seasonal supply bulge typically arrives ahead of many state and municipalities' June 30 fiscal year-end to boost volume, noted **Pamela Tynan**, principal and portfolio manager at **Vanguard Inc.** in Valley Forge, Pa.

"Once a budget is passed, states and municipalities may finance future tax collections throughout the next fiscal year. This cash-management tool is very

common, even on a historical basis," she said.

The June uptick was preceded by a 55.7% drop in note issuance in May, which was likely before budgets were passed, other money market fund managers noted.

Overall, cities and towns sold 22.1%

year paper tightened to 372 basis points on June 30 from 387 on Dec. 31, 2009. However, the one-year note increased slightly over the period, rising to 0.30% on June 30, up from 0.28% on Dec. 31, but dipping as low as 0.25% from Feb. 18 to March 17, according to **Municipal Market Data**.

of yield compared to daily or seven-day reset paper," noted **Adam Weigold**, vice president and portfolio manager at **Eaton Vance Management** in Boston.

Despite the portfolio limitations included in amendments to Rule 2a-7 of the Securities and Exchange Commission's Investment Company Act that were imposed on money market fund managers in 1940, Weigold said he has been more active in the note market as a result of the steep curve and "our firm belief that short rates will remain low for some time."

The rule restricts investments in money market funds by quality, maturity and diversity. Under the act, a money fund mainly buys the highest-rated debt, which matures in under 13 months. Two of the amendment's stipulations require the fund's portfolio must maintain a weighted average maturity of 90 days or less, and a dollar-weighted average portfolio life of 120 days or less.

Weigold, who manages 14 tax-exempt mutual funds with around \$1.5 billion in total assets under management, said he

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"Tax-exempt money market investors are willing to go out six months or a year to pick up a relatively large amount of yield compared to daily or seven-day reset paper."

Adam Weigold, Eaton Vance

more note volume with 740 issues totaling \$6.26 billion — 24 issues less than the \$5.13 billion they brought over the same period last year. State governments were responsible for bringing 18 deals to market totaling \$3 billion, a 16.3% rise over the 11 issues totaling \$2.65 billion they sold in 2009.

The spread between one-year and 30-

The steepness on the short-end of the yield curve has contributed to ongoing strong demand from money-market fund managers as well as cash-flush retail investors looking for relatively attractive investments, municipal sources said.

"Tax-exempt money market investors are willing to go out six months or a year to pick up a relatively large amount

Short-Term Notes

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 JPMorgan	\$4,649.2
2 Citi	3,889.8
3 Wells Fargo	1,642.2
4 Piper Jaffray	1,098.7
5 TD Securities	1,054.7
6 Jefferies	894.3
7 RBC Cap Mkts	861.6
8 BA Merrill Lynch	669.7
9 Janney Montgomery	664.3
10 Beneficial Bank	568.7

Private placements and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Short-Term Notes

Issuers – First Half 2010

Issuer	Volume (\$ mils.)
1 Los Angeles Cnty CA	\$1,300.0
2 Los Angeles City CA	1,164.6
3 Oregon (State)	837.4
4 Wisconsin (State)	800.0
5 California School Cash	793.5
6 Los Angeles USD CA	540.0
*7 Florida Citizens Prop	500.0
*7 Idaho (State)	500.0
9 Metro Transp Auth NY	475.0
10 Harris Cnty TX	450.0

*Tie. Private placements and remarketings are excluded. Source: Thomson Reuters (7/11/10)

Short-Term Notes

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Gardner Underwood	\$1,532.0
2 FirstSouthwest	1,391.4
3 Public Financial Mgmt	1,321.0
4 Fiscal Advisors & Mktg	1,297.3
5 Capital Markets Advcs	853.7
6 Western Financial	837.4
7 KNN Public Finance	712.3
8 Fieldman Rolapp	501.5
*9 C2 Financial	500.0
*9 Raymond James	500.0

*Tie. Private placements and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Short-Term Notes

Bond Counsel – First Half 2010

Counsel	Volume (\$ mils.)
1 Squire Sanders	\$3,311.8
2 Orrick Herrington	3,052.2
3 Hawkins Delafield	1,768.3
4 K&L Gates	964.9
5 Quarles & Brady	934.3
6 Edwards Angell	764.5
7 Sidley Austin	629.3
8 Rogut McCarthy	575.5
9 Greenberg Traurig	506.0
10 Moore Smith	500.0

Private placements and remarketings are excluded. In issues with co-counsel, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Underwriting Spreads: 1991-2010

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010*
ALL BONDS	\$10.32	\$9.31	\$8.52	\$8.55	\$8.10	\$7.77	\$7.18	\$7.07	\$7.14	\$6.68	\$6.48	\$6.17	\$5.78	\$5.58	\$5.45	\$5.59	\$5.27	\$4.89	\$6.21	\$5.98
Negotiated	10.49	9.35	8.54	8.65	8.33	7.83	7.24	7.23	7.18	6.72	6.52	6.20	5.80	5.49	5.56	5.66	5.41	4.82	6.22	6.05
Competitive	9.18	9.00	8.39	8.21	7.27	7.53	6.72	5.99	6.82	6.38	6.10	5.86	5.57	6.31	4.42	4.89	4.12	5.61	6.16	5.39
New-Money	10.34	9.58	9.33	8.50	8.13	7.86	7.42	7.06	7.41	6.68	6.65	6.27	5.85	5.65	5.71	5.60	5.37	5.47	6.39	6.18
Refunding	10.01	8.97	8.27	8.58	8.30	7.71	6.83	6.99	6.71	6.31	6.01	5.88	5.45	5.33	5.21	5.45	4.87	3.82	5.84	5.65
Combined	11.13	9.48	8.00	8.84	7.58	7.43	7.16	7.22	6.68	7.00	6.63	6.38	6.23	5.80	5.20	5.68	5.34	5.01	6.20	6.05
Development	12.06	11.78	11.18	10.40	11.63	10.08	8.93	8.95	9.28	9.49	8.02	4.79	7.33	6.43	6.74	7.04	6.39	4.88	3.65	9.84
Education	11.28	9.90	9.15	9.06	8.57	7.70	7.15	7.23	6.88	6.67	6.52	6.38	5.74	5.55	5.45	5.38	5.12	5.32	6.43	6.10
Electric Power	9.48	8.41	7.09	7.91	8.69	6.83	5.85	5.45	6.62	4.75	5.94	6.17	5.58	5.39	4.34	5.24	4.83	4.74	5.81	5.35
Environmental	11.03	9.40	9.07	9.20	7.29	7.50	5.75	6.90	5.74	5.31	5.82	5.89	5.87	5.18	4.96	4.34	4.15	4.37	5.20	4.42
Health Care	11.63	10.79	9.79	9.40	9.45	7.87	7.41	7.84	7.30	6.99	7.26	6.59	6.50	5.65	4.99	5.64	5.90	4.13	7.78	8.56
Housing	11.02	9.22	9.07	8.90	9.27	8.81	8.03	7.94	7.87	7.60	6.68	6.63	5.81	5.86	5.43	6.11	5.84	5.40	5.66	6.14
Public Facilities	10.51	10.44	8.40	8.36	8.85	8.48	7.10	7.68	7.75	8.00	7.25	6.41	6.12	5.97	6.28	6.87	5.24	5.02	7.44	6.89
Transportation	8.48	8.66	7.75	7.35	7.38	7.08	7.26	6.02	6.26	5.33	5.65	5.14	5.31	5.07	4.85	5.06	4.78	4.80	5.55	5.38
Utilities	11.05	9.76	9.00	9.38	8.46	9.16	7.04	7.41	7.33	7.00	6.26	6.45	6.07	5.48	5.73	5.22	5.53	4.63	6.00	5.88
General Purpose	9.24	8.27	7.68	7.31	6.60	6.75	7.04	6.51	7.19	6.78	6.64	6.28	5.61	5.72	5.86	6.01	5.13	5.20	5.87	5.00
Stimulus Program	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7.45	6.75

*Six months through June 30. Amounts represent dollars per \$1,000 face value of bond issues. Underwriting spreads include managers' fees, underwriting fees, average takedowns, and expenses. Private placements, short-term notes maturing in under 13 months, and remarketings of variable-rate securities are excluded. Source: Thomson Reuters (7/11/10)

Bank-Qualified Bond Expansion Hits the Sweet Spot

BY JIM WATTS

DALLAS — Expansion of the bank-qualified bond criteria designed to spur borrowing by small local governments seems to have been effective.

A total of \$17.57 billion of bank-qualified bonds were sold through 3,211 issues in the first six months of 2010, according to figures from **Thomson Reuters**. That is a 5% increase from \$16.73 billion in bank-qualified debt sold in the same period last year in 3,101 issues.

The American Recovery and Reinvestment Act of 2009 raised the limit on bank-qualified debt to issuers that sold \$30 million of debt a year from the previous limit of \$10 million annually.

The stimulus act allows the banks to deduct 80% of the purchase price of bonds issued in 2009 and 2010. However, the bonds cannot exceed 2% of the bank's total assets.

The expansion allows bonds brought to market by conduit issuers to be bank-qualified if the actual borrower fits within the \$30 million cap.

Private-activity bonds also can be designated as bank qualified.

The move was designed to enable

Keegan & Co. "It is bringing some new players, and larger players, into our market, and it is providing cost savings for many smaller issuers."

Morgan Keegan was the lead underwriter for bank-qualified bonds in the first half of 2010, with \$1.35 billion of

the past, but it is still providing savings for small borrowers.

"The higher ceiling is accomplishing what it was intended to do," Tansey added. "It has created more demand for the product by bringing in the big banks, it is providing small borrowers with lower costs, and it is popular on the buy side."

The use of bank-qualified bonds for refinancing has been more popular so far in 2010 than it was during the first two quarters of 2009.

A total of \$7 billion in refunding bonds were offered in the first half, up 30% from the \$5.37 billion issued as bank-qualified debt in the same period of 2009. There were 1,270 refunding issues in 2010.

Activity was up in the first quarter of 2010, with \$8.31 billion of bank-qualified bonds in 1,425 issues, up almost 23% from the \$6.76 billion in 1,351 issues in 2009's first quarter.

Sales picked up in the second quarter, with \$9.26 billion in 1,786 issues, but that was more than 7% below second-quarter 2009's \$9.97 billion in 1,750 issues.

New-money bank-qualified bonds issued in the first six months of 2010 totaled \$8.83 billion, down almost 14% from \$10.24 billion last year.

Combined refunding and new-money bank-qualified bonds totaled \$1.74 billion in the period, up more than 54% from \$1.12 billion in 2009.

Health care providers greatly expanded their use of bank-qualified bonds to finance projects or refinance existing debt in the first half of 2010.

Many of the issuers were disqualified from using them before the annual ceiling was lifted.

A total of \$507.7 million of the bonds were issued in 46 sales by health care agencies and nonprofits, up more than 170% from \$187.8 million in the first half of 2009.

The largest portion of the volume came from educational issuers, with \$8.38 billion of bank-qualified bonds sold through 1,440 issues.

The first-half totals are down slightly from the same period of 2009 when \$8.59 billion were sold in 1,446 issues. □

"I think it is working as expected. It is bringing some new players, and larger players, into our market, and it is providing cost savings for many smaller issuers."

Hank Tansey, Morgan Keegan

smaller towns and districts to place additional debt with local banks and other lenders.

"I think it is working as expected," said **Hank Tansey**, vice president for trading and underwriting at **Morgan**

Keegan & Co. "It is bringing some new players, and larger players, into our market, and it is providing cost savings for many smaller issuers."

Morgan Keegan was the lead underwriter for bank-qualified bonds in the first half of 2010, with \$1.35 billion of

the past, but it is still providing savings for small borrowers.

"The higher ceiling is accomplishing what it was intended to do," Tansey added. "It has created more demand for the product by bringing in the big banks, it is providing small borrowers with lower costs, and it is popular on the buy side."

The use of bank-qualified bonds for refinancing has been more popular so far in 2010 than it was during the first two quarters of 2009.

A total of \$7 billion in refunding bonds were offered in the first half, up 30% from the \$5.37 billion issued as bank-qualified debt in the same period of 2009. There were 1,270 refunding issues in 2010.

Activity was up in the first quarter of 2010, with \$8.31 billion of bank-qualified bonds in 1,425 issues, up almost 23% from the \$6.76 billion in 1,351 issues in 2009's first quarter.

Sales picked up in the second quarter, with \$9.26 billion in 1,786 issues, but that was more than 7% below second-quarter 2009's \$9.97 billion in 1,750 issues.

New-money bank-qualified bonds issued in the first six months of 2010 totaled \$8.83 billion, down almost 14% from \$10.24 billion last year.

Combined refunding and new-money bank-qualified bonds totaled \$1.74 billion in the period, up more than 54% from \$1.12 billion in 2009.

Health care providers greatly expanded their use of bank-qualified bonds to finance projects or refinance existing debt in the first half of 2010.

Many of the issuers were disqualified from using them before the annual ceiling was lifted.

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BANK-QUALIFIED: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$17,569,100	3,211	\$16,733,300	3,101	+5.0%
First Quarter	8,308,900	1,425	6,761,100	1,351	+22.9
Second Quarter	9,260,200	1,786	9,972,200	1,750	-7.1
Development	187,400	23	81,600	14	+129.7
Education	8,377,700	1,440	8,589,000	1,466	-2.5
Electric Power	115,900	36	72,300	30	+60.3
Environmental Facilities	10,300	4	4,200	1	+145.2
Health Care	507,700	46	187,800	30	+170.3
Housing	13,900	3	79,900	14	-82.6
Public Facilities	701,100	146	765,900	170	-8.5
Transportation	267,300	68	236,400	71	+13.1
Utilities	1,938,500	389	1,589,300	323	+22.0
General Purpose	5,449,200	1,056	5,126,900	982	+6.3
New-Money	8,828,400	1,736	10,235,000	1,921	-13.7
Refunding	7,005,400	1,270	5,373,300	1,047	+30.4
Combined	1,735,400	205	1,124,800	133	+54.3
Negotiated	10,429,500	1,828	10,025,800	1,741	+4.0
Competitive	7,112,500	1,380	6,648,800	1,345	+7.0
Private Placements	27,200	3	58,700	15	-53.7
Revenue	4,587,700	684	3,796,600	592	+20.8
General Obligation	12,981,400	2,527	12,936,600	2,509	+0.3
Fixed-Rate	17,200,900	3,178	16,282,900	3,062	+5.6
Variable-Rate (Short Put)	143,300	10	156,900	15	-8.7
Variable-Rate (Long/No Put)	2,700	1	34,500	2	-92.2
Zero-Coupon	222,200	135	259,000	135	-14.2
Bond Insurance	3,830,500	549	5,915,000	805	-35.2
Letters of Credit	100,200	7	129,400	14	-22.6
Insured Mortgages	32,500	4	0	0	n.m.
Other Guaranties	2,026,400	316	1,410,600	249	+43.7
State Governments	4,500	1	0	0	n.m.
State Agencies	611,100	72	567,100	63	+7.8
Counties & Parishes	1,129,800	190	1,076,700	180	+4.9
Cities & Towns	5,089,300	1,086	4,759,700	1,033	+6.9
Districts	8,733,200	1,605	8,926,000	1,644	-2.2
Local Authorities	1,886,200	241	1,217,500	158	+54.9
Colleges & Universities	115,100	16	168,200	19	-31.6
Direct Issuers	0	0	18,000	4	-100.0
Other Stimulus	33,500	2	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Bank-Qualified Bonds Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 Morgan Keegan	\$1,353.9
2 RBC Cap Mkts	1,234.0
3 Robert W Baird	1,184.8
4 Roosevelt & Cross	1,173.1
5 Piper Jaffray	830.3
6 UBS Securities	522.7
7 Hutchinson Shockey	477.6
8 DA Davidson	460.9
9 PNC Financial Svcs	453.6
10 George K Baum	448.8

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Bank-Qualified Bonds Financial Advisers – First Half 2010

Manager	Volume (\$ mils.)
1 Public Financial Mgmt	\$1,197.1
2 FirstSouthwest	1,027.9
3 Piper Jaffray	547.7
4 Southwest Securities	367.1
5 Ehlers & Associates	348.2
6 RBC Cap Mkts	303.1
7 Phoenix Advisors	292.3
8 Speer Financial	277.2
9 Fiscal Advisors & Mktg	261.0
10 Specialized Public Fin	260.1

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

DEVELOPMENT: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$1,855,200	87	\$2,522,300	67	-26.4%
First Quarter	708,400	45	1,461,800	26	-51.5
Second Quarter	1,146,900	42	1,060,500	41	+8.1
Economic Development	666,400	39	1,715,800	31	-61.2
Industrial Development	485,500	44	745,500	33	-34.9
Office Buildings	703,400	4	61,100	3	+1051.2
Tax-Exempt	1,703,600	66	1,919,600	53	-11.3
Taxable	138,300	19	602,700	14	-77.1
Minimum-Tax	13,400	2	0	0	n.m.
New-Money	870,200	62	2,321,100	54	-62.5
Refunding	933,800	21	188,800	11	+394.6
Combined	51,300	4	11,200	1	+358.0
Negotiated	1,575,900	78	2,473,900	55	-36.3
Competitive	227,300	4	18,500	4	+1128.6
Private Placements	52,000	5	29,800	8	+74.5
Revenue	1,525,000	77	2,368,500	59	-35.6
General Obligation	330,200	10	153,800	8	+114.7
Fixed-Rate	1,620,700	66	1,789,700	33	-9.4
Variable-Rate (Short Put)	234,500	21	732,000	34	-68.0
Zero-Coupon	100	1	600	1	-83.3
Bond Insurance	70,100	10	50,600	4	+38.5
Letters of Credit	185,300	17	607,000	24	-69.5
State Governments	263,500	6	44,600	2	+490.8
State Agencies	125,100	15	1,754,900	23	-92.9
Counties & Parishes	105,100	7	8,000	1	+1213.8
Cities & Towns	147,800	12	75,400	13	+96.0
Districts	20,000	1	13,000	2	+53.8
Local Authorities	1,193,700	46	626,500	26	+90.5
Bank-Qualified	187,400	23	81,600	14	+129.7
Build America Bonds	13,500	3	600	1	+2150.0
Other Stimulus	153,900	12	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

EDUCATION: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$48,701,900	2,486	\$49,150,400	2,283	-0.9%
First Quarter	23,174,800	1,068	23,792,100	1,009	-2.6
Second Quarter	25,527,100	1,418	25,358,300	1,274	+0.7
K-12 Education	28,870,800	2,106	29,255,300	1,937	-1.3
Higher Education	15,561,300	330	18,454,100	311	-15.7
Student Loans	3,885,200	14	1,161,300	8	+234.6
Other Education	384,600	36	279,800	27	+37.5
Tax-Exempt	32,850,100	1,917	44,925,700	2,101	-26.9
Taxable	15,568,400	566	4,168,200	181	+273.5
Minimum-Tax	283,400	3	56,500	1	+401.6
New-Money	30,422,000	1,621	31,447,200	1,488	-3.3
Refunding	11,819,800	730	8,797,100	666	+34.4
Combined	6,460,100	135	8,906,200	129	-27.5
Negotiated	39,057,700	1,620	39,407,300	1,385	-0.9
Competitive	9,353,200	849	9,542,700	865	-2.0
Private Placements	290,900	17	200,500	33	+45.1
Revenue	24,802,600	631	22,200,500	541	+11.7
General Obligation	23,899,300	1,855	26,950,000	1,742	-11.3
Fixed-Rate	43,773,300	2,419	44,662,500	2,190	-2.0
Variable-Rate (Short Put)	826,200	20	2,494,100	56	-66.9
Variable-Rate (Long/No Put)	2,135,500	8	482,100	8	+343.0
Zero-Coupon	726,400	157	1,511,700	183	-51.9
Linked-Rate	1,240,400	3	0	0	n.m.
Bond Insurance	4,267,500	375	9,231,700	620	-53.8
Letters of Credit	509,600	13	1,624,600	45	-68.6
Standby Purchase Agreements	0	0	390,100	5	-100.0
Other Guaranties	7,808,900	509	3,287,200	306	+137.6
State Governments	962,200	10	1,237,900	11	-22.3
State Agencies	14,945,400	210	9,814,900	144	+52.3
Counties & Parishes	410,300	29	719,500	25	-43.0
Cities & Towns	669,200	37	351,300	27	+90.5
Districts	22,227,700	1,946	25,379,400	1,864	-12.4
Local Authorities	3,378,600	133	3,424,200	85	-1.3
Colleges & Universities	6,108,500	121	8,147,100	124	-25.0
Direct Issuers	0	0	76,300	3	-100.0
Bank-Qualified	8,377,700	1,440	8,589,000	1,466	-2.5
Build America Bonds	10,895,500	268	2,551,800	62	+327.0
Qualified Sch Construction	2,493,800	163	106,100	3	+2250.4
Other Stimulus	241,100	44	8,600	3	+2703.5

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Development

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 BA Merrill Lynch	\$495.0
2 JPMorgan	365.3
3 Morgan Keegan	122.5
4 Stifel Nicolaus	106.8
5 WR Taylor	97.0
6 Piper Jaffray	67.8
7 Gardnyr Michael	59.6
8 Wedbush Morgan	57.0
9 Citi	50.0
10 Wells Fargo	42.0

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Development

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Chatham Capital	\$650.0
2 Public FA	59.6
3 Public Resources Adv	40.3
4 Tamalpais Advisors	33.7
*5 Public Financial Mgmt	30.1
*5 Urban Futures	30.1
7 Harrell & Co Advs	27.0
8 Baker Group	23.5
9 JNA Consulting	22.2
10 Crowe Chizek	17.4

*Tie. Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Education

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 BA Merrill Lynch	\$7,035.0
2 RBC Cap Mkts	4,178.0
3 Barclays Capital	4,023.4
4 Morgan Stanley	4,009.5
5 JPMorgan	3,080.8
6 Citi	2,585.4
7 Wells Fargo	2,298.1
8 Morgan Keegan	1,878.4
9 Stifel Nicolaus	1,443.9
10 Robert W Baird	1,397.7

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Education

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Financial Mgmt	\$4,448.7
2 KNN Public Finance	2,316.3
3 FirstSouthwest	2,219.6
4 Tamalpais Advisors	1,391.2
5 RBC Cap Mkts	1,237.3
6 Scott Balice	1,138.0
7 Stauder Barch	950.3
8 Prager Sealy	782.8
9 Phoenix Capital	615.2
10 Piper Jaffray	591.6

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest Development Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Jun 30	New York Liberty Development Corp., office buildings (ref)	650.0	JPMorgan/BAML
Mar 23	South Carolina (State), economic development GOs (cpt)	220.0	BAML/Citi
Feb 26	Mobile County, Ala., economic dev GOs (NM/ref) (TAX/TE) (BAB/RZED)	59.6	Gardnyr Michael
Mar 15	Manchester, Mo., economic development	55.4	Stifel Nicolaus
May 12	Selma Industrial Development Board, Ala.	50.0	Morgan Keegan
Feb 18	Suffolk County Industrial Development Agency, N.Y. (ref)	40.3	JPMorgan
Mar 31	Richmond Community Redevelopment Agency, Calif., economic dev (NM/ref)	33.7	Dain Rauscher
Jun 30	District of Columbia, office buildings (ref)	33.0	Morgan Keegan
Jun 22	Michigan Strategic Fund, industrial development GOs (RZF)	31.1	W.R. Taylor
Apr 15	Arlington County Industrial Development Authority, Va. (ref) (TAX)	30.1	Wells Fargo

Key to abbreviations: (BAB) – Build America Bonds; BAML – Bank of America Merrill Lynch; (cpt) – competitive; GOs – general obligation bonds; (NM) – new money; (ref) – refunding; (RZED) – Recovery Zone Economic Development bonds; (RZF) – Recovery Zone Facility bonds; (TAX) – taxable; (TE) – tax-exempt. Source: Thomson Reuters (7/11/10)

Largest Education Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Feb 18	Los Angeles Unified School District, Calif., GOs (NM/ref) (TAX/TE) (BAB)	1,808.0	Various firms
May 25	Missouri Higher Education Loan Authority (TAX)	822.5	Morgan Stanley
Jan 27	Missouri Higher Education Loan Authority	761.4	BAML/Mrgn Stnly
May 17	New Jersey Economic Development Authority, schools (TAX) (BAB)	750.0	BA Merrill Lynch
Apr 22	New Jersey Economic Development Authority, schools (NM/ref)	716.3	BA Merrill Lynch
Jan 14	New Jersey Higher Education Student Assistance Authority (ref)	713.0	BA Merrill Lynch
Feb 23	Connecticut Health & Educational Facilities Authority, colleges (NM/ref)	530.0	Barclays Capital
Jun 22	University of Texas System (TAX) (BAB)	516.2	Morgan Stanley
Jan 14	Massachusetts Health & Educational Facilities Authority, colleges (NM/ref)	480.0	Barclays Capital
Apr 14	California State Public Works Board, colleges (TAX/TE) (BAB)	450.8	Dain Rauscher

Key to abbreviations: (BAB) – Build America Bonds; GOs – general obligation bonds; (NM) – new money; (ref) – refunding; (TAX) – taxable; (TE) – tax-exempt. Source: Thomson Reuters (7/11/10)

ELECTRIC POWER: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$16,192,800	135	\$8,767,100	106	+84.7%
First Quarter	6,332,100	54	4,267,800	50	+48.4
Second Quarter	9,860,700	81	4,499,300	56	+119.2
Tax-Exempt	10,260,900	90	7,433,300	88	+38.0
Taxable	5,921,200	44	1,333,800	18	+343.9
Minimum-Tax	10,700	1	0	0	n.m.
New-Money	8,277,800	80	5,477,000	56	+51.1
Refunding	3,968,500	44	1,490,000	36	+166.3
Combined	3,946,600	11	1,800,000	14	+119.3
Negotiated	16,132,700	125	8,634,700	97	+86.8
Competitive	60,000	10	62,500	4	-4.0
Private Placements	0	0	69,900	5	-100.0
Revenue	16,187,000	132	8,652,800	100	+87.1
General Obligation	5,800	3	114,300	6	-94.9
Fixed-Rate	16,192,800	135	8,281,900	101	+95.5
Variable-Rate (Short Put)	0	0	485,100	5	-100.0
Bond Insurance	458,100	14	787,400	18	-41.8
Letters of Credit	0	0	405,400	5	-100.0
State Agencies	9,066,500	27	2,028,900	20	+346.9
Counties & Parishes	7,800	2	54,500	3	-85.7
Cities & Towns	1,964,700	36	1,589,000	32	+23.6
Districts	1,123,300	28	1,488,300	21	-24.5
Local Authorities	3,373,200	37	3,066,300	26	+10.0
Direct Issuers	657,300	5	540,100	4	+21.7
Bank-Qualified	115,900	36	72,300	30	+60.3
Build America Bonds	5,576,900	31	777,000	4	+617.7
Other Stimulus	140,300	5	45,300	2	+209.7

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

ENVIRONMENTAL FACILITIES: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$2,933,500	42	\$3,769,200	56	-22.2%
First Quarter	593,300	13	1,378,200	24	-57.0
Second Quarter	2,340,200	29	2,391,000	32	-2.1
Pollution Control	2,408,800	29	3,117,800	42	-22.7
Solid Waste Disposal	524,700	13	651,400	14	-19.5
Recycling	0	0	0	0	n.m.
Tax-Exempt	2,356,800	33	3,468,500	50	-32.1
Taxable	361,800	5	0	0	n.m.
Minimum-Tax	215,000	4	300,700	6	-28.5
New-Money	1,296,800	20	1,479,800	18	-12.4
Refunding	1,252,400	20	2,283,000	37	-45.1
Combined	384,400	2	6,500	1	+5813.8
Negotiated	2,573,600	37	3,752,100	54	-31.4
Competitive	359,900	5	17,100	2	+2004.7
Revenue	2,827,100	37	3,741,900	54	-24.4
General Obligation	106,500	5	27,300	2	+290.1
Fixed-Rate	1,509,200	24	1,676,600	18	-10.0
Variable-Rate (Short Put)	936,600	9	860,200	20	+8.9
Variable-Rate (Long/No Put)	487,800	9	1,232,400	18	-60.4
Bond Insurance	0	0	293,900	3	-100.0
Letters of Credit	356,000	5	714,800	17	-50.2
Other Guaranties	0	0	250,000	2	-100.0
State Governments	51,000	1	15,300	1	+233.3
State Agencies	1,532,000	16	2,160,300	26	-29.1
Counties & Parishes	245,400	6	483,200	8	-49.2
Cities & Towns	344,000	4	366,400	6	-6.1
Districts	346,200	3	72,100	2	+380.2
Local Authorities	415,000	12	672,000	13	-38.2
Bank-Qualified	10,300	4	4,200	1	+145.2
Build America Bonds	310,800	4	0	0	n.m.
Other Stimulus	20,000	1	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Electric Power

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 Citi	\$3,543.9
2 Goldman Sachs	3,453.7
3 Morgan Stanley	2,853.1
4 JPMorgan	2,279.4
5 EJ De La Rosa	997.5
6 Barclays Capital	996.6
7 Morgan Keegan	467.7
8 Santander Securities	397.0
9 BA Merrill Lynch	217.9
10 Siebert Brandford	184.8

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Electric Power

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Financial Mgmt	\$6,171.8
2 Montague DeRose	3,340.1
3 Govt Dev Bk for PR	2,530.3
4 Seattle-Northwest	836.2
5 OBP Muni	623.2
6 Stephens	460.1
*7 Gardner Underwood	334.1
*7 Public Resources Adv	334.1
9 FirstSouthwest	227.1
10 Pacific Public Fin	206.6

*Tie. Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Environmental

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 JPMorgan	\$1,057.0
2 Goldman Sachs	782.8
3 BA Merrill Lynch	495.4
4 Morgan Stanley	186.8
5 SunTrust Cap Mkts	100.0
6 Barclays Capital	97.0
7 TD Securities	51.0
8 Citi	50.0
9 Mesirov Financial	43.5
10 Westhoff Cone	27.4

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Environmental

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Lamont Financial	\$486.5
2 Public Resources Adv	51.0
3 FirstSouthwest	46.2
4 Public Advisory Consults	43.5
*5 Public Financial Mgmt	16.5
*5 Springsted	16.5
7 Stauder Barch	6.3
8 Ehlers & Associates	2.6
9 David Drown	0.4

*Tie. Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest Electric Power Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
May 5	California Department of Water Resources (NM/ref)	2,992.5	Various firms
Mar 3	Georgia Municipal Electric Authority (TAX/TE) (BAB)	1,248.4	Goldman Sachs
Mar 5	Georgia Municipal Electric Authority (TAX/TE) (BAB)	1,028.9	Goldman Sachs
Mar 26	Puerto Rico Electric Power Authority	822.2	JPMorgan/Citi
May 13	Seattle, Wash. (NM/ref) (TAX/TE) (BAB/RZED)	791.8	Citi
May 20	Los Angeles Department of Water & Power, Calif. (NM/ref) (TAX/TE) (BAB)	668.1	Various firms
Apr 22	Puerto Rico Electric Power Authority (ref)	631.2	Mrgn Stnly/Citi
Feb 25	Energy Northwest, Wash. (NM/ref) (TAX/TE) (BAB)	473.6	Various firms
Feb 18	Memphis, Tenn. (ref)	460.1	Morgan Keegan
Jan 13	Lower Colorado River Authority, Tex. (ref)	423.2	Barclays Capital

Key to abbreviations: (BAB) – Build America Bonds; (NM) – new money; (ref) – refunding; (RZED) – Recovery Zone Economic Development bonds; (TAX) – taxable; (TE) – tax-exempt. Source: Thomson Reuters (7/11/10)

Largest Environmental Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Jun 29	Massachusetts Water Pollution Abatement Trust (NM/ref) (TAX/TE) (BAB)	486.5	Goldman Sachs
May 25	Farmington, N.M., pollution control (ref) (AMT/TE)	343.5	JPMorgan
Apr 6	Port of Port Arthur Navigation District, Tex., pollution control	300.0	JPM/SunTrust
Apr 21	Florida Department of Environmental Protection, pollution control (ref) (cpt)	227.2	JPMorgan
Apr 19	California Pollution Control Finance Authority, solid waste (NM/ref)	150.5	BA Merrill Lynch
Jan 19	Harris County Industrial Development Corp., Tex., solid waste (AMT)	143.0	JPMorgan
Jun 30	California Municipal Finance Authority, solid waste	137.7	BA Merrill Lynch
Mar 29	Burke County Development Authority, Ga., pollution control (ref)	90.1	BA Merrill Lynch
Apr 30	Indiana Finance Authority, pollution control (ref)	88.8	Morgan Stanley
Mar 23	West Virginia Economic Development Authority, pollution control	86.0	Goldman Sachs

Key to abbreviations: (AMT) – alternative minimum tax; (BAB) – Build America Bonds; (cpt) – competitive; JPM – JPMorgan; (NM) – new money; (ref) – refunding; (TAX) – taxable; (TE) – tax-exempt. Source: Thomson Reuters (7/11/10)

GENERAL PURPOSE: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$62,641,000	1,958	\$62,504,300	1,694	+0.2%
First Quarter	36,975,000	836	27,069,000	706	+36.6
Second Quarter	25,666,000	1,122	35,435,300	988	-27.6
General Purpose	62,641,000	1,958	62,499,200	1,692	+0.2
Agriculture	0	0	5,200	2	-100.0
Houses of Worship	0	0	0	0	n.m.
Veterans	0	0	0	0	n.m.
Tax-Exempt	39,201,700	1,498	51,587,100	1,561	-24.0
Taxable	23,439,300	460	10,909,500	132	+114.9
Minimum-Tax	0	0	7,700	1	-100.0
New-Money	43,113,800	1,204	44,015,700	1,044	-2.0
Refunding	11,634,200	605	10,333,700	538	+12.6
Combined	7,893,100	149	8,154,700	111	-3.2
Negotiated	45,310,800	1,101	49,442,100	981	-8.4
Competitive	17,155,800	845	12,727,700	667	+34.8
Private Placements	174,400	12	334,600	46	-47.9
Revenue	20,439,000	411	18,459,400	336	+10.7
General Obligation	42,202,000	1,547	44,044,900	1,358	-4.2
Fixed-Rate	60,628,000	1,938	59,958,900	1,663	+1.1
Variable-Rate (Short Put)	828,700	14	533,300	26	+55.4
Variable-Rate (Long/No Put)	759,600	5	1,205,000	5	-37.0
Zero-Coupon	424,700	9	807,200	13	-47.4
Bond Insurance	4,561,300	217	4,679,600	309	-2.5
Letters of Credit	117,900	5	376,100	19	-68.7
Standby Purchase Agreements	168,000	2	56,000	1	+200.0
Insured Mortgages	2,400	1	0	0	n.m.
Other Guaranties	116,500	6	76,400	12	+52.5
State Governments	23,424,300	77	26,975,700	83	-13.2
State Agencies	11,551,000	77	10,400,500	77	+11.1
Counties & Parishes	6,940,900	334	8,267,900	292	-16.1
Cities & Towns	14,475,000	1,267	13,756,500	1,091	+5.2
Districts	603,400	47	527,100	50	+14.5
Local Authorities	5,524,000	153	2,576,700	101	+114.4
Colleges & Universities	10,100	1	0	0	n.m.
Tribal Governments	112,300	2	0	0	n.m.
Bank-Qualified	5,449,200	1,056	5,126,900	982	+6.3
Build America Bonds	16,272,600	227	5,866,000	37	+177.4
Qualified Sch Construction	34,800	4	0	0	n.m.
Other Stimulus	824,500	87	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

HEALTH CARE: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$19,439,300	272	\$21,710,200	272	-10.5%
First Quarter	9,899,900	125	8,806,100	116	+12.4
Second Quarter	9,539,400	147	12,904,100	156	-26.1
General Acute-Care Hospitals	16,669,100	191	18,894,700	229	-11.8
Single-Specialty Hospitals	260,700	3	1,334,800	5	-80.5
Pediatric Hospitals	986,700	12	603,900	4	+63.4
General Medical	238,800	8	364,500	5	-34.5
Continuing Care	1,145,100	45	292,500	14	+291.5
Nursing Homes	19,300	4	187,200	10	-89.7
Life Care/Retirement	119,700	9	32,700	5	+266.1
Tax-Exempt	18,785,900	238	21,641,000	262	-13.2
Taxable	653,400	34	69,300	10	+842.9
New-Money	6,572,100	145	10,595,000	149	-38.0
Refunding	6,057,000	76	6,738,700	90	-10.1
Combined	6,810,200	51	4,376,600	33	+55.6
Negotiated	19,097,900	263	21,122,300	254	-9.6
Competitive	147,400	5	432,800	7	-65.9
Private Placements	193,900	4	155,200	11	+24.9
Revenue	18,989,800	253	20,861,000	247	-9.0
General Obligation	449,400	19	849,200	25	-47.1
Fixed-Rate	16,553,000	228	12,813,200	139	+29.2
Variable-Rate (Short Put)	2,529,000	37	7,754,100	122	-67.4
Variable-Rate (Long/No Put)	356,500	8	1,024,900	13	-65.2
Zero-Coupon	700	1	118,100	2	-99.4
Bond Insurance	944,100	16	1,225,800	20	-23.0
Letters of Credit	1,407,700	28	5,137,300	95	-72.6
Standby Purchase Agreements	95,500	2	754,900	9	-87.3
Insured Mortgages	375,100	8	331,300	3	+13.2
Other Guaranties	188,400	3	258,800	9	-27.2
State Governments	183,700	1	238,000	2	-22.8
State Agencies	10,274,600	96	12,803,600	126	-19.8
Counties & Parishes	972,500	22	813,200	15	+19.6
Cities & Towns	970,400	30	836,000	21	+16.1
Districts	451,400	26	93,900	11	+380.7
Local Authorities	6,518,100	94	6,745,100	93	-3.4
Colleges & Universities	0	0	158,500	1	-100.0
Direct Issuers	68,700	3	22,000	3	+212.3
Bank-Qualified	507,700	46	187,800	30	+170.3
Build America Bonds	535,200	13	0	0	n.m.
Other Stimulus	78,100	5	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

General Purpose

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 Citi	\$11,812.4
2 BA Merrill Lynch	7,329.8
3 JPMorgan	6,674.5
4 Morgan Stanley	5,919.0
5 Goldman Sachs	3,359.5
6 Barclays Capital	3,170.7
7 Morgan Keegan	2,671.2
8 Wells Fargo	2,203.4
9 Siebert Brandford	2,047.7
10 Loop Cap Mkts	1,856.3

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

General Purpose

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Resources Adv	\$9,951.4
2 Public Financial Mgmt	6,382.2
3 FirstSouthwest	4,106.0
4 Peralta Garcia	3,662.5
5 Govt Dev Bk for PR	3,625.4
6 AC Advisory	3,243.5
7 Raymond James	2,575.9
8 Scott Balice	1,956.4
9 RBC Cap Mkts	1,587.0
10 Davenport	1,110.9

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Health Care

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 BA Merrill Lynch	\$4,994.5
2 JPMorgan	3,032.0
3 Citi	2,559.7
4 Morgan Stanley	2,407.1
5 Goldman Sachs	1,798.9
6 Ziegler Cap Mkts	833.0
7 Piper Jaffray	457.4
8 PNC Financial Svcs	456.4
9 Wells Fargo	387.7
10 RBC Cap Mkts	359.1

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Health Care

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Kaufman Hall	\$4,776.3
2 Ponder	3,943.7
3 Melio	1,473.7
4 Public Financial Mgmt	1,355.8
5 Cain Brothers	709.4
6 Scott Balice	704.0
7 Morgan Keegan	539.8
8 Public Advisory Corp	359.0
9 FirstSouthwest	332.1
10 William B Tschudy	226.6

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest General Purpose Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Jan 7	Illinois (State), GOs (TAX)	3,466.0	Various firms
Mar 25	California (State), GOs (TAX) (BAB)	3,400.0	BAML/Citi
Mar 11	California (State), GOs	2,500.0	Mrgn Stnly/JPM
Mar 24	Florida Citizens Property Insurance Corp.	2,400.0	Various firms
Jan 28	Puerto Rico Sales Tax Financing Corp.	1,823.8	Citi
Jun 24	Puerto Rico Sales Tax Financing Corp. (NM/ref)	1,619.4	Citi
Feb 19	Illinois (State), GOs (NM/ref)	1,501.3	Citi/Mrgn Stnly
Jan 28	Illinois (State), GOs (TAX) (BAB)	1,000.0	Barclays Capital
May 19	Pennsylvania (Commonwealth), GOs (TAX/TE) (BAB) (cpt)	1,000.0	BAML/JPMorgan
Jun 9	New York City, GOs (TAX/TE) (BAB)	900.0	Morgan Stanley
Jan 13	Pennsylvania (Commonwealth), GOs (TAX/TE) (BAB) (cpt)	900.0	Barclays Capital

Key to abbreviations: (BAB) – Build America Bonds; BAML – Bank of America Merrill Lynch; (cpt) – competitive; GOs – general obligation bonds; JPM – JPMorgan; (NM) – new money; (ref) – refunding; (TAX) – taxable; (TE) – tax-exempt. Source: Thomson Reuters (7/11/10)

Largest Health Care Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Mar 24	Michigan State Hospital Finance Authority (NM/ref)	679.0	Citi/Mrgn Stnly
May 6	Colorado Health Facilities Authority (NM/ref)	590.2	JPMorgan
Feb 19	Kentucky Economic Development Finance Authority (NM/ref)	527.3	BA Merrill Lynch
Apr 15	Allen County, Ohio (NM/ref)	486.3	JPM/Mrgn Stnly
Feb 18	Allegheny County Hospital Development Authority, Pa. (ref)	373.4	BA Merrill Lynch
Jun 9	Tarrant County Cultural Education Facilities Finance Corp., Tex. (NM/ref)	345.8	JPMorgan
May 12	Massachusetts Health & Educational Facilities Authority, pediatric hosp (ref)	341.6	Various firms
Feb 18	Pennsylvania Higher Education Facilities Authority (ref)	334.3	PNC Securities
May 27	New York State Dormitory Authority (ref)	331.2	Goldman Sachs
Feb 18	North Carolina Medical Care Commission (ref)	322.8	Morgan Stanley

Bonds are for general acute-care hospital projects unless noted otherwise. Key to abbreviations: JPM – JPMorgan; (NM) – new money; (ref) – refunding. Source: Thomson Reuters (7/11/10)

HOUSING: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$2,903,800	94	\$3,852,200	115	-24.6%
First Quarter	999,300	33	1,541,300	36	-35.2
Second Quarter	1,904,500	61	2,310,900	79	-17.6
Single-Family	1,616,000	37	1,842,800	59	-12.3
Multifamily	1,287,700	57	2,009,300	56	-35.9
Tax-Exempt	2,170,300	67	2,815,100	90	-22.9
Taxable	556,000	19	751,000	14	-26.0
Minimum-Tax	177,500	8	286,100	11	-38.0
New-Money	1,837,200	71	2,038,400	80	-9.9
Refunding	718,800	17	838,300	21	-14.3
Combined	347,700	6	975,500	14	-64.4
Negotiated	2,770,600	86	3,756,700	106	-26.2
Competitive	130,300	7	12,600	3	+934.1
Private Placements	2,900	1	82,900	6	-96.5
Revenue	2,607,900	84	3,685,600	104	-29.2
General Obligation	295,900	10	166,600	11	+77.6
Fixed-Rate	2,098,100	67	2,233,200	69	-6.0
Variable-Rate (Short Put)	798,300	26	1,498,900	42	-46.7
Variable-Rate (Long/No Put)	7,400	1	118,800	4	-93.8
Zero-Coupon	0	0	1,200	1	-100.0
Bond Insurance	40,000	3	0	0	n.m.
Letters of Credit	413,000	11	673,700	18	-38.7
Standby Purchase Agreements	133,300	2	322,500	7	-58.7
Insured Mortgages	347,200	16	529,600	25	-34.4
Other Guaranties	0	0	1,100	1	-100.0
State Governments	284,200	6	50,000	1	+468.4
State Agencies	1,681,900	42	2,857,300	75	-41.1
Counties & Parishes	51,400	3	4,400	1	+1068.2
Cities & Towns	18,400	3	68,900	11	-73.3
Districts	0	0	1,500	1	-100.0
Local Authorities	867,900	40	868,000	25	-0.0
Colleges & Universities	0	0	2,200	1	-100.0
Bank-Qualified	13,900	3	79,900	14	-82.6
Build America Bonds	14,000	2	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

PUBLIC FACILITIES: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$4,588,700	262	\$5,818,900	279	-21.1%
First Quarter	1,537,900	125	2,761,600	128	-44.3
Second Quarter	3,050,800	137	3,057,300	151	-0.2
Libraries & Museums	504,200	35	430,700	32	+17.1
Government Buildings	796,100	60	2,250,200	52	-64.6
Correctional Facilities	370,100	25	682,800	31	-45.8
Fire Stations & Equipment	85,700	32	157,200	52	-45.5
Police Stations & Equipment	6,600	2	119,500	11	-94.5
Civic & Convention Centers	1,421,300	20	880,400	13	+61.4
Stadiums & Sports Complexes	572,200	13	698,000	9	-18.0
Theatres	82,900	7	10,200	1	+712.7
Parks, Zoos & Beaches	690,000	55	304,200	63	+126.8
Other Recreation	59,700	13	285,700	15	-79.1
Tax-Exempt	2,599,800	201	5,149,300	255	-49.5
Taxable	1,989,000	61	669,600	24	+197.0
New-Money	3,183,300	163	3,682,600	196	-13.6
Refunding	996,900	85	1,501,100	66	-33.6
Combined	408,500	14	635,200	17	-35.7
Negotiated	3,758,000	185	4,646,400	178	-19.1
Competitive	830,800	77	1,169,100	95	-28.9
Private Placements	0	0	3,500	6	-100.0
Revenue	3,453,300	122	4,185,600	92	-17.5
General Obligation	1,135,400	140	1,633,300	187	-30.5
Fixed-Rate	4,315,400	255	5,357,000	267	-19.4
Variable-Rate (Short Put)	48,400	3	384,900	11	-87.4
Variable-Rate (Long/No Put)	13,000	1	0	0	n.m.
Zero-Coupon	212,000	5	77,000	4	+175.3
Bond Insurance	122,500	17	1,142,500	41	-89.3
Letters of Credit	40,000	1	363,800	10	-89.0
Other Guaranties	1,300	1	42,900	4	-97.0
State Governments	247,900	5	35,000	1	+608.3
State Agencies	920,300	26	2,293,300	39	-59.9
Counties & Parishes	480,000	31	373,500	27	+28.5
Cities & Towns	633,200	46	1,026,500	62	-38.3
Districts	313,800	67	437,600	99	-28.3
Local Authorities	1,993,600	87	1,614,100	49	+23.5
Direct Issuers	0	0	38,800	2	-100.0
Bank-Qualified	701,100	146	765,900	170	-8.5
Build America Bonds	1,720,200	37	480,800	12	+257.8
Other Stimulus	194,300	17	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Housing

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 BA Merrill Lynch	\$792.3
2 JPMorgan	362.6
3 Citi	282.4
4 Goldman Sachs	218.7
5 Morgan Stanley	190.0
6 RBC Cap Mkts	174.2
7 Barclays Capital	114.7
8 Morgan Keegan	107.3
9 Fifth Third Secs	95.0
10 Grigsby & Associates	82.5

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Housing

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Lamont Financial	\$275.0
2 CSG Advisors	134.7
3 Fieldman Rolapp	122.4
4 Gardner Underwood	118.7
5 Caine Mitter	114.1
6 TIBOR Partners	90.0
7 FirstSouthwest	69.6
8 CM de Crinis	66.8
9 Raymond James	66.7
10 Magis Advisors	35.6

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Public Facilities

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 BA Merrill Lynch	\$833.6
2 Goldman Sachs	623.2
3 Morgan Stanley	408.8
4 Citi	347.0
5 JPMorgan	331.7
6 PNC Financial Svcs	255.6
7 JJB Hilliard	165.6
8 William Blair	135.1
9 George K Baum	132.2
10 Stifel Nicolaus	130.9

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Public Facilities

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 FirstSouthwest	\$644.9
2 Public Financial Mgmt	633.9
3 Springsted	185.3
4 Backstrom McCarley	177.6
5 Montague DeRose	167.6
6 PRISM Municipal	135.4
7 London Witte	132.4
8 Govt Consultants	112.7
9 Fidelity Financial	107.3
*10 Prager Sealy	79.9
*10 Scott Balice	79.9

*Tie. Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest Housing Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Feb 19	Connecticut Housing Finance Authority, single-family (NM/ref) (AMT/TAX/TE)	275.0	BA Merrill Lynch
May 5	Massachusetts Housing Finance Agency, multifamily (ref)	250.0	BA Merrill Lynch
May 12	New York City Housing Development Corp., multifamily (TAX)	193.1	GS/Fifth Third
Mar 4	Pennsylvania Housing Finance Agency, single-family (ref)	140.2	BA Merrill Lynch
Jun 23	California (State), veteran housing GOs (AMT/TE) (cpt)	118.7	Citi/Goldman
Jan 28	Virginia Housing Development Authority, single-family	107.3	Morgan Keegan
Apr 12	New York State Housing Finance-Mortgage Agency, multifamily (ref)	93.8	Citi
May 19	Florida Housing Finance Corp., single-family	90.0	Morgan Stanley
Jun 2	Compton Community Redevelopment Agency, Calif., single-family	82.5	Grigsby & Assoc
Apr 23	New York State Housing Finance-Mortgage Agency, single-family	80.0	BA Merrill Lynch

Key to abbreviations: (AMT) – alternative minimum tax; (cpt) – competitive; GOs – general obligation bonds; GS – Goldman Sachs; (NM) – new money; (ref) – refunding; (TAX) – taxable; (TE) – tax-exempt. Source: Thomson Reuters (7/11/10)

Largest Public Facility Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Apr 14	Nashville-Davidson Metro. Govt. Conv. Center Auth., Tenn. (TAX/TE) (BAB)	623.2	Goldman Sachs
Mar 9	San Francisco (City & County), Calif., park GOs (TAX/TE) (BAB) (cpt)	355.1	BA Merrill Lynch
Apr 16	Pennsylvania Econ. Dev. Fin. Auth., convention centers (TAX/TE) (BAB)	281.1	BA Merrill Lynch
Jun 24	Broward County, Fla., government offices (TAX/TE) (BAB/RZED)	214.7	Morgan Stanley
May 20	San Diego Public Facilities Financing Authority, Calif., stadiums (ref)	167.6	JPMorgan
Jan 20	Franklin County Convention Facilities Authority, Ohio (TAX) (BAB)	160.0	PNC Securities
Jun 30	Kentucky State Property & Building Commission, govt offices (NM/ref)	154.0	Citi
May 4	Wyandotte County/Kansas City Unified Govt., Kan., stadiums (NM/ref)	150.3	Citi
Jun 29	Iowa (State), correctional facilities	135.1	William Blair
Apr 28	Evansville Redevelopment Authority, Ind., conv centers (TAX/TE) (BAB)	122.4	J.J.B. Hilliard

Key to abbreviations: (BAB) – Build America Bonds; (cpt) – competitive; (NM) – new money; (ref) – refunding; (RZED) – Recovery Zone Economic Development bonds; (TAX) – taxable; (TE) – tax-exempt. Source: Thomson Reuters (7/11/10)

TRANSPORTATION: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$26,027,100	263	\$19,910,800	222	+30.7%
First Quarter	13,479,300	119	5,397,900	84	+149.7
Second Quarter	12,547,800	144	14,512,900	138	-13.5
Airports	7,362,900	49	2,526,800	36	+191.4
Seaports	1,158,000	20	1,771,100	18	-34.6
Toll Roads, Hwys & Streets	10,231,700	137	7,422,500	110	+37.8
Bridges	1,915,800	9	478,800	3	+300.1
Tunnels	0	0	0	0	n.m.
Parking Facilities	142,600	10	179,000	10	-20.3
Mass Transportation	5,216,200	38	7,532,000	44	-30.7
Other Transportation	0	0	600	1	-100.0
Tax-Exempt	14,580,200	184	12,915,400	181	+12.9
Taxable	10,482,500	68	6,810,400	35	+53.9
Minimum-Tax	964,500	11	184,900	6	+421.6
New-Money	18,732,800	190	15,890,100	152	+17.9
Refunding	6,310,400	65	2,852,100	58	+121.3
Combined	983,900	8	1,168,400	12	-15.8
Negotiated	23,316,900	211	18,426,000	167	+26.5
Competitive	2,702,400	51	1,339,600	52	+101.7
Private Placements	7,900	1	145,100	3	-94.6
Revenue	22,216,900	160	18,051,400	128	+23.1
General Obligation	3,810,300	103	1,859,300	94	+104.9
Fixed-Rate	23,622,100	241	17,881,500	194	+32.1
Variable-Rate (Short Put)	1,706,100	19	1,428,500	23	+19.4
Variable-Rate (Long/No Put)	103,100	1	434,300	4	-76.3
Zero-Coupon	595,800	5	166,400	4	+258.1
Bond Insurance	1,040,400	20	1,327,400	25	-21.6
Letters of Credit	1,143,300	11	953,300	18	+19.9
Standby Purchase Agreements	406,600	3	0	0	n.m.
Other Guaranties	0	0	7,000	1	-100.0
State Governments	3,370,400	14	1,779,600	14	+89.4
State Agencies	9,844,200	56	11,348,100	55	-13.3
Counties & Parishes	3,380,800	40	1,880,000	26	+79.8
Cities & Towns	2,375,100	78	642,400	71	+269.7
Districts	156,100	6	113,600	7	+37.4
Local Authorities	6,900,600	69	3,830,000	47	+80.2
Direct Issuers	0	0	317,000	2	-100.0
Bank-Qualified	267,300	68	236,400	71	+13.1
Build America Bonds	9,856,900	46	5,372,800	20	+83.5
Other Stimulus	179,500	13	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

UTILITIES: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$18,923,600	683	\$18,494,400	525	+2.3%
First Quarter	10,266,000	325	8,910,300	234	+15.2
Second Quarter	8,657,600	358	9,584,100	291	-9.7
Water & Sewer	17,717,900	628	16,951,900	458	+4.5
Gas	222,600	7	47,400	6	+369.6
Telephone	122,400	3	0	0	n.m.
Sanitation	125,900	19	412,800	28	-69.5
Flood Control	120,300	17	193,300	9	-37.8
Combined Utilities	614,500	9	888,900	24	-30.9
Tax-Exempt	11,434,400	562	17,925,300	506	-36.2
Taxable	7,354,500	120	569,100	19	+1192.3
Minimum-Tax	134,700	1	0	0	n.m.
New-Money	11,375,900	395	9,428,100	341	+20.7
Refunding	4,153,300	218	3,946,400	142	+5.2
Combined	3,394,500	70	5,120,000	42	-33.7
Negotiated	15,105,400	450	15,690,900	310	-3.7
Competitive	3,812,000	231	2,687,300	207	+41.9
Private Placements	6,200	2	116,200	8	-94.7
Revenue	17,126,200	439	16,040,000	285	+6.8
General Obligation	1,797,400	244	2,454,300	240	-26.8
Fixed-Rate	18,611,800	677	17,310,200	504	+7.5
Variable-Rate (Short Put)	302,700	5	624,700	14	-51.5
Variable-Rate (Long/No Put)	0	0	539,500	4	-100.0
Zero-Coupon	9,100	7	20,000	7	-54.5
Bond Insurance	2,164,800	141	2,673,000	144	-19.0
Letters of Credit	24,700	0	470,300	11	-94.7
Standby Purchase Agreements	100,000	2	0	0	n.m.
Other Guaranties	4,100	3	51,900	23	-92.1
State Governments	464,400	10	389,000	2	+19.4
State Agencies	3,390,800	38	2,698,600	21	+25.7
Counties & Parishes	1,365,800	33	1,174,100	28	+16.3
Cities & Towns	4,175,300	242	5,028,600	221	-17.0
Districts	3,588,200	233	3,458,200	194	+3.8
Local Authorities	5,939,100	127	5,745,900	59	+3.4
Bank-Qualified	1,938,500	389	1,589,300	323	+22.0
Build America Bonds	6,649,700	90	543,700	12	+1123.0
Other Stimulus	114,700	17	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Transportation

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 Citi	\$5,669.7
2 JPMorgan	5,001.3
3 BA Merrill Lynch	4,740.2
4 Barclays Capital	2,600.1
5 Goldman Sachs	1,982.4
6 Morgan Stanley	1,524.1
7 Siebert Brandford	1,268.3
8 RBC Cap Mkts	677.5
9 Morgan Keegan	596.9
10 Wells Fargo	461.7

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Transportation

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Financial Mgmt	\$5,915.6
2 FirstSouthwest	3,291.6
3 Public Resources Adv	2,295.1
4 Goldman Sachs	1,523.9
5 AC Advisory	1,265.2
6 Montague DeRose	1,156.1
7 Frasca & Associates	1,056.3
8 Hobbs Ong	977.2
9 Infrastructure Mgmt	615.0
10 Lamont Financial	510.5

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Utilities

Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 BA Merrill Lynch	\$2,267.4
2 Morgan Stanley	2,117.5
3 Citi	2,016.8
4 JPMorgan	1,319.8
5 Barclays Capital	1,150.5
6 Morgan Keegan	1,037.1
7 Jefferies	765.8
8 Wells Fargo	682.4
9 Raymond James	608.7
10 EJ De La Rosa	582.4

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Utilities

Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Financial Mgmt	\$2,288.1
2 FirstSouthwest	1,678.8
3 Lamont Financial	1,401.0
4 Montague DeRose	1,192.9
5 Public Resources Adv	907.3
6 MFR Securities	906.6
7 RBC Cap Mkts	717.3
8 KNN Public Finance	492.6
9 Estrada Hinojosa	416.9
10 Lewis Young	386.8

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest Transportation Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Jun 24	Bay Area Toll Authority, Calif., bridges (TAX) (BAB)	1,500.0	Various firms
May 25	Washington (State), highway GOs (TAX) (BAB)	1,156.0	JPMorgan/BAML
May 19	Massachusetts Department of Transportation, highways (ref)	1,090.0	Citi/JPMorgan
Apr 14	Chicago, Ill., airports (AMT/TAX/TE) (BAB)	1,040.0	BA Merrill Lynch
Mar 24	Los Angeles Department of Airports, Calif.	930.2	Siebert Brandford
Jan 7	New Jersey Transportation Trust Fund Authority, mass transit (TAX/TE) (BAB)	859.3	Barclays Capital
Apr 1	Massachusetts Department of Transportation, highways (ref)	853.6	Various firms
Feb 4	Metropolitan Transportation Authority, N.Y., mass transit (TAX/TE) (BAB)	657.0	Barclays Capital
Mar 24	Hawaii (State), airports (NM/ref) (AMT/TE)	645.0	Citi
Mar 17	San Francisco Airports Commission, Calif. (ref) (TAX/TE)	618.6	JPMorgan

Key to abbreviations: (AMT) – alternative minimum tax; (BAB) – Build America Bonds; (BAML) – Bank of America Merrill Lynch; (cpt) – competitive; GOs – general obligation bonds; (NM) – new money; (ref) – refunding; (TAX) – taxable; (TE) – tax-exempt. Thomson Reuters (7/11/10)

Largest Utility Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Jan 21	San Diego County Water Authority Financing Agency, Calif. (TAX/TE) (BAB)	624.6	Citi
Feb 23	Miami-Dade County, Fla.	594.3	Raymond James
Jun 22	New York City Municipal Water Finance Authority (TAX) (BAB)	554.0	Morgan Keegan
Mar 9	New York City Municipal Water Finance Authority (TAX) (BAB)	500.0	Jefferies
Jun 9	San Francisco Public Utilities Comm., Calif. (NM/ref) (TAX/TE) (BAB) (cpt)	488.7	Barclays/Wells Fargo
Apr 8	Irvine Ranch Water District Joint Powers Agency, Calif. (ref) (TAX)	437.0	BA Merrill Lynch
Feb 11	East Bay Municipal Utility District, Calif. (TAX) (BAB)	400.0	Mrgn Stnly/JPMorgan
Jan 26	New York City Municipal Water Finance Authority (TAX) (BAB)	400.0	Ramirez
Apr 9	Philadelphia, Pa. (NM/ref)	396.5	Morgan Stanley
Mar 10	San Antonio, Tex., combined utilities (TAX) (BAB)	380.0	Barclays Capital

Bonds are for water & sewer facilities unless stated otherwise. Key to abbreviations: (BAB) – Build America Bonds; (cpt) – competitive; (NM) – new money; (ref) – refunding; (TAX) – taxable; (TE) – tax-exempt. Thomson Reuters (7/11/10)

VARIABLE-RATE BONDS: First Half

	2010		2009		Pct. Chg
	Volume (\$000s)	No. of Issues	Volume (\$000s)	No. of Issues	
TOTAL	\$8,210,500	154	\$16,795,800	353	-51.1%
First Quarter	4,141,200	78	7,386,200	155	-43.9
Second Quarter	4,069,300	76	9,409,600	198	-56.8
Development	234,500	21	732,000	34	-68.0
Education	826,200	20	2,494,100	56	-66.9
Electric Power	0	0	485,100	5	-100.0
Environmental Facilities	936,600	9	860,200	20	+8.9
Health Care	2,529,000	37	7,754,100	122	-67.4
Housing	798,300	26	1,498,900	42	-46.7
Public Facilities	48,400	3	384,900	11	-87.4
Transportation	1,706,100	19	1,428,500	23	+19.4
Utilities	302,700	5	624,700	14	-51.5
General Purpose	828,700	14	533,300	26	+55.4
Tax-Exempt	7,261,800	133	15,574,800	318	-53.4
Taxable	536,200	13	797,800	23	-32.8
Minimum-Tax	412,500	8	423,200	12	-2.5
New-Money	3,215,600	85	7,265,700	183	-55.7
Refunding	3,349,600	55	7,475,100	140	-55.2
Combined	1,645,400	14	2,053,800	29	-19.9
Negotiated	7,877,400	146	16,313,300	327	-51.7
Private Placements	333,100	8	482,500	26	-31.0
Revenue	7,493,600	143	15,570,600	324	-51.9
General Obligation	716,900	11	1,225,200	29	-41.5
Bond Insurance	6,800	1	0	0	n.m.
Letters of Credit	4,171,500	92	11,250,900	258	-62.9
Standby Purchase Agreements	753,500	10	1,483,400	21	-49.2
Insured Mortgages	211,700	8	284,400	14	-25.6
Other Guaranties	0	0	246,800	5	-100.0
State Governments	163,100	3	375,000	5	-56.5
State Agencies	4,025,000	57	8,222,300	175	-51.0
Counties & Parishes	384,300	15	408,700	8	-6.0
Cities & Towns	371,300	15	882,800	37	-57.9
Districts	716,100	7	1,048,500	21	-31.7
Local Authorities	2,283,300	55	4,977,300	94	-54.1
Colleges & Universities	158,000	1	873,300	12	-81.9
Direct Issuers	0	0	7,900	1	-100.0
Tribal Governments	109,500	1	0	0	n.m.
Bank-Qualified	143,300	10	156,900	15	-8.7
Other Stimulus	112,300	6	0	0	n.m.

NOTES: Figures are based on issues maturing in 13 months or longer that contain variable-rate bonds with short put options. Private placements and municipal forwards are included, but remarketings are excluded. n.m. — not meaningful. Source: Thomson Reuters (7/11/10)

Variable-Rate Bonds Senior Managers – First Half 2010

Manager	Volume (\$ mils.)
1 JPMorgan	\$1,668.7
2 BA Merrill Lynch	1,503.1
3 Citi	1,228.2
4 Morgan Stanley	720.6
5 Goldman Sachs	633.5
6 Barclays Capital	491.4
7 Wells Fargo	206.5
8 RBC Cap Mkts	193.5
9 PNC Financial Svcs	165.0
10 Morgan Keegan	137.3

Private placements, short-term notes, and remarketings are excluded. In issues with multiple book-runners, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Variable-Rate Bonds Financial Advisers – First Half 2010

Adviser	Volume (\$ mils.)
1 Public Financial Mgmt	\$1,590.3
2 Kaufman Hall	909.0
3 Ponder	703.8
4 Raymond James	416.7
5 AC Advisory	206.0
6 Acacia Financial	175.0
7 Melio	150.0
8 Lamont Financial	133.3
9 Public Resources Adv	128.0
10 William B Tschudy	100.1

Private placements, short-term notes, and remarketings are excluded. In issues with co-advisers, the par amount of the issue is divided equally among the firms. Source: Thomson Reuters (7/11/10)

Largest Variable-Rate Issues: First Half 2010

Date	Issuer	Amt (\$mill)	Manager(s)
Mar 24	Michigan State Hospital Finance Authority (NM/ref)	679.0	Citi/Mrgn Stnly
Apr 13	Massachusetts Department of Transportation, highways (ref)	592.3	Various firms
Mar 30	Delaware River Port Authority, N.J., bridges (ref)	350.0	Various firms
Mar 24	Florida Citizens Property Insurance Corp.	350.0	Various firms
May 12	Massachusetts Health & Educational Facilities Authority, hospitals (ref)	341.6	Various firms
Apr 6	Port of Port Arthur Navigation District, Tex., pollution control	300.0	JPM/SunTrust
Feb 9	San Francisco Airports Commission, Calif. (ref) (AMT)	216.0	Various firms
May 26	Massachusetts Department of Transportation, highways (ref)	207.7	JPMorgan
Feb 16	Chicago Board of Education, Ill., GOs (ref)	206.0	JPMorgan
May 3	Allen County, Ohio, hospitals	195.0	Mrgn Stnly/JPM

Amounts represents variable-rate (short put option) bonds within each issue. Key to abbreviations: (AMT) – alternative minimum tax; GOs – general obligation bonds; JPM – JPMorgan; (NM) – new money; (ref) – refunding. Thomson Reuters (7/28/10)

REFUND

Continued from page 2

were at 88.9%, according to MMD. On June 30 of this year, they were 94.9% and 103.1% of comparable Treasuries, respectively.

Howard Mackey, president of the broker-dealer division of **Rice Financial Products**, said the dynamics of the first six months of 2009 were quite a bit stronger than they are now.

“We have had a fairly strong market this year and we’ve seen a good amount of refundings, but we had a good run during the first half of last year because we were coming off the heels of a financial calamity,” Mackey said. “Now, I think we are just getting the benefits of a low yield. But it will be very hard to duplicate [2009] even with the absolute low yields that we are seeing in the markets.”

Accounting for stimulus program issuance, first-half 2010 volume increased over the same period in 2009 in every month except April and June, and by at least 14% in each. Only January and May saw gains among non-stimulus issuance, with May gaining by just 0.3%.

In April and June, non-stimulus issuance dropped by 31.1% and 38.8%,

respectively, to \$19.9 billion and \$23.7 billion from \$28.9 billion and \$38.7 billion. All long-term bonds dropped 25.8% to \$27.4 billion from \$36.8 billion in April and 21.0% to \$34.6 billion from \$43.9 billion in June.

Rourke found the April and June dips surprising, particularly the June decline.

“You’d think there’d be some reinvestment flows and there’d be more deals in that month,” he said. “It may be, however, that last year was exceedingly heavier issuance in that time frame.”

June was “exceptionally heavy,” according to Rourke.

The largest refunding in the first half of 2010 was a \$1.1 billion issuance from the **Massachusetts Department of Transportation**, which was priced by **Citi** and **JPMorgan** in May. The high yield was 4.81% with a 5% in 2037.

MassDOT also had the second-largest refunding of the first half, a \$853.6 million offering in April.

Other sizeable first-half refundings included a \$713 million sale for the **New Jersey Higher Education Student Assistance Authority** in January, \$694.3 million of debt for the **District of Columbia** in March, and \$650 million of bonds for the **New York Liberty Development Corp.** in June. □

BABs

Continued from page 5

Fitch in April devoted a section of its website to deal specifically with BABs.

One group of investors which entered the BAB market more slowly than expected were the international funds.

“The international buyers were a little slow to warm to BABs, not only because it’s a new credit but because the GO is sort of a new animal for them,” said one industry expert. “How does someone in Asia or the Middle East understand the credit of a U.S. state or local entity?”

The three biggest issues of BABs in the first half came from California. The second largest deal was the **Bay Area**

Toll Authority’s \$1.5 billion issuance of BABs, which was followed by the **Los Angeles Unified School District** with \$1.25 billion.

Hanging over the BAB market is lingering uncertainty about whether the subsidized debt will exist beyond this year. Municipal market participants are urging lawmakers to extend the program, but election-year politics have bred delays.

“There’s a lot of fear out there that BABs are going to be dead on the vine,” said one industry executive. “Investors don’t want to buy something that’s not going to go on. The further and further you get into the year without an extension, the more you’re going to see that fear.” □

SHORTS

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will continue to remain active in the note market going forward.

“I think you have a lot of retail investors who are looking for a place to park some cash in anticipation of higher rates in a year or so,” he explained. “From the issuers perspective these rates are historically low, and it still makes sense to lock in attractive, absolute rates.”

So far, investors have had ample opportunity to buy notes in the first half when two of the largest deals were sold by California issuers.

Los Angeles County sold \$1.3 billion of general obligation bonds on June 11 in a negotiated deal led by **Citi**, while the city of **Los Angeles** issued \$1.16 billion of GOs in a June 30 negotiated deal led by **JPMorgan**.

The health care sector saw a whopping 154.5% jump to \$70 million, though there was just three issues, compared with \$27.5 billion from eight issues in

the first six months of 2009.

Amid the growth in some segments of the market, issuance involving housing, minimum-tax, and zero-coupon note issues, as well as those with standby purchase agreements, all fell to zero during the first half — a decline from just one issue each in the previous first half.

Direct issuers sold just \$3.4 million among five deals, a 99% decline from eight issues totaling \$357.8 million last year, while note sales with letters of credit fell 84.5% to \$30.9 million with three issues, down from \$199.4 million with seven issues.

Jim Randazzo, senior portfolio manager at **Wells Capital Management** in Charlotte, N.C., said the increase in the overall supply of notes in the first half is a welcome sight, though the slight increase “does little to offset the massive drop in supply of variable-rate demand notes.”

“VRDNs are the bread and butter for municipal money market funds and usually account for the vast majority of their composition,” he said. □

Top Senior Managers: All Issues

First Half 2010 – Full Credit to Bookrunner (Equal to Each)

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Bank of America Merrill Lynch	\$29,201.1	14.4	243
2	Citi.....	28,917.3	14.2	216
3	JPMorgan	23,504.6	11.6	196
4	Morgan Stanley.....	19,638.9	9.7	158
5	Goldman Sachs & Co.....	13,841.3	6.8	86
6	Barclays Capital.....	12,510.0	6.2	91
7	RBC Capital Markets	7,146.5	3.5	299
8	Morgan Keegan & Co.....	7,083.7	3.5	326
9	Wells Fargo & Co.....	6,203.6	3.1	150
10	Siebert Brandford Shank & Co.....	4,004.0	2.0	26

This is Thomson Reuters's "AT1" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple bookrunners, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Financial Advisers: All Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Public Financial Management Inc.....	\$27,242.7	17.0	467
2	Public Resources Advisory Group.....	14,050.1	8.7	59
3	FirstSouthwest.....	12,631.4	7.9	359
4	Government Development Bank for Puerto Rico.....	6,155.7	3.8	12
5	Montague DeRose & Associates LLC.....	6,100.6	3.8	20
6	A.C. Advisory Inc.....	4,893.5	3.0	28
7	Kaufman Hall & Associates Inc.....	4,776.3	3.0	36
8	Scott Balice Strategies	4,389.4	2.7	30
9	Ponder & Co.....	3,943.7	2.5	35
10	RBC Capital Markets	3,781.6	2.4	85

This is Thomson Reuters's "AT7" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple advisers, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Senior Managers: Negotiated Issues

First Half 2010 – Full Credit to Bookrunner (Equal to Each)

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Citi.....	\$24,433.5	14.5	169
2	Bank of America Merrill Lynch	24,274.7	14.4	192
3	JPMorgan	19,241.0	11.4	127
4	Morgan Stanley.....	18,259.6	10.8	124
5	Goldman Sachs & Co.....	13,261.4	7.9	82
6	Barclays Capital.....	10,273.9	6.1	81
7	RBC Capital Markets	7,097.8	4.2	286
8	Morgan Keegan & Co.....	4,904.7	2.9	148
9	Siebert Brandford Shank & Co.....	4,004.0	2.4	26
10	Wells Fargo & Co.....	3,779.7	2.2	95

This is Thomson Reuters's "AT3" league table for negotiated offerings. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple bookrunners, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Financial Advisers: Negotiated Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Public Financial Management Inc.....	\$20,359.8	15.7	268
2	Public Resources Advisory Group.....	11,718.8	9.1	36
3	FirstSouthwest.....	10,334.0	8.0	232
4	Government Development Bank for Puerto Rico.....	6,155.7	4.8	12
5	Montague DeRose & Associates LLC.....	5,492.5	4.2	14
6	Kaufman Hall & Associates Inc.....	4,776.3	3.7	36
7	A.C. Advisory Inc.....	4,491.5	3.5	20
8	Scott Balice Strategies	4,301.8	3.3	28
9	Ponder & Co.....	3,943.7	3.1	35
10	Peralta Garcia Solutions LLC.....	3,725.5	2.9	6

This is Thomson Reuters's "AT7b" league table for negotiated offerings. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple advisers, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Senior Managers: Competitive Issues

First Half 2010 – Full Credit to Bookrunner (Equal to Each)

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Bank of America Merrill Lynch	\$4,926.3	14.2	51
2	Citi.....	4,483.8	12.9	47
3	JPMorgan	4,263.6	12.3	69
4	Wells Fargo & Co.....	2,423.9	7.0	55
5	Barclays Capital.....	2,236.1	6.4	10
6	Morgan Keegan & Co.....	2,178.9	6.3	178
7	Robert W. Baird & Co.....	2,043.7	5.9	198
8	Morgan Stanley.....	1,379.2	4.0	34
9	UBS Securities LLC.....	1,046.3	3.0	88
10	Roosevelt & Cross Inc.....	846.3	2.4	173

This is Thomson Reuters's "AT4" league table for competitive offerings. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple bookrunners, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Financial Advisers: Competitive Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Public Financial Management Inc.....	\$6,882.9	22.0	199
2	Public Resources Advisory Group.....	2,331.3	7.5	23
3	FirstSouthwest.....	2,297.4	7.3	127
4	Piper Jaffray & Co.....	1,090.8	3.5	95
5	Springsted Inc.....	1,025.1	3.3	93
6	Ehlers & Associates	836.6	2.7	146
7	Ross Sinclair & Associates LLC	691.8	2.2	69
8	Seattle-Northwest Securities Corp.....	691.7	2.2	7
9	Davenport & Co. LLC.....	638.3	2.0	22
10	Montague DeRose & Associates LLC.....	608.1	1.9	6

This is Thomson Reuters's "AT7c" league table for competitive offerings. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple advisers, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Senior Managers: Small Issues

First Half 2010 – Full Credit to Bookrunner (Equal to Each)

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Robert W. Baird & Co.....	\$968.8	8.1	247
2	Morgan Keegan & Co.....	822.0	6.9	172
3	Roosevelt & Cross Inc.....	743.1	6.2	201
4	RBC Capital Markets	702.0	5.9	131
5	Piper Jaffray & Co.....	470.6	4.0	107
6	D.A. Davidson & Co.....	458.7	3.9	174
7	Hutchinson Shockey Erley & Co.....	307.8	2.6	78
*8	George K. Baum & Co.....	297.8	2.5	87
*8	UBS Securities LLC.....	297.8	2.5	51
10	Fifth Third Securities Inc.....	293.0	2.5	69

This is Thomson Reuters's "AT2" league table for small-issue offerings. *Tie. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple bookrunners, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Financial Advisers: Small Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	FirstSouthwest.....	\$662.5	9.0	165
2	Public Financial Management Inc.....	579.4	7.8	126
3	Ehlers & Associates	461.0	6.2	156
4	Springsted Inc.....	302.7	4.1	69
5	Piper Jaffray & Co.....	265.6	3.6	77
6	Southwest Securities	252.1	3.4	63
7	Speer Financial Inc.....	239.3	3.2	69
8	Fiscal Advisors & Marketing Inc.....	191.7	2.6	64
9	Ross Sinclair & Associates LLC	162.7	2.2	53
10	Stephen H. McDonald & Associates Inc.....	159.0	2.2	130

This is Thomson Reuters's "AT7a" league table for small-issue offerings. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with multiple advisers, the par amount is divided equally among the firms. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Bond Counsel: All Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Orrick Herrington & Sutcliffe LLP	\$24,263.2	12.0	208
2	Hawkins Delafield & Wood LLP	11,040.7	5.4	156
3	Nixon Peabody LLP	8,887.1	4.4	32
4	Squire Sanders & Dempsey LLP	8,194.3	4.0	110
5	Sidley Austin LLP	7,889.2	3.9	43
6	Kutak Rock LLP	6,415.3	3.2	137
7	Edwards Angell Palmer & Dodge LLP	6,101.7	3.0	151
8	McCall Parkhurst & Horton LLP	5,660.2	2.8	169
9	Foster Pepper PLLC	4,062.6	2.0	55
10	Fulbright & Jaworski LLP	4,045.2	2.0	174

This is Thomson Reuters's "AT5" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with co-counsel, the par amount is divided equally among the firms. Source: Thomson Reuters (7/15/10)

Top Underwriter's Counsel: All Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Nixon Peabody LLP	\$8,607.3	5.6	27
2	Sidley Austin LLP	8,495.8	5.6	23
3	Orrick Herrington & Sutcliffe LLP	7,554.4	4.9	78
4	Hawkins Delafield & Wood LLP	7,500.1	4.9	54
5	Pietrantonio Mendez & Alvarez LLP	5,758.7	3.8	10
6	Stradling Yocca Carlson & Rauth	4,771.7	3.1	55
7	Greenberg Traurig LLP	4,052.0	2.7	60
8	Nabors Giblin & Nickerson PA	3,956.6	2.6	16
9	Fulbright & Jaworski LLP	3,875.1	2.5	102
10	King & Spalding	3,592.7	2.4	13

This is Thomson Reuters's "AT6" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with co-counsel, the par amount is divided equally among the firms. Source: Thomson Reuters (7/15/10)

Top Bond Counsel: All Issues

First Half 2010 – FULL Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Orrick Herrington & Sutcliffe LLP	\$25,053.0	12.3	208
2	Hawkins Delafield & Wood LLP	11,424.8	5.6	156
3	Nixon Peabody LLP	9,181.1	4.5	32
4	Squire Sanders & Dempsey LLP	8,534.2	4.2	110
5	Sidley Austin LLP	8,133.6	4.0	43
6	Kutak Rock LLP	6,434.2	3.2	137
7	Edwards Angell Palmer & Dodge LLP	6,392.3	3.1	151
8	McCall Parkhurst & Horton LLP	6,139.0	3.0	169
9	Fulbright & Jaworski LLP	4,964.5	2.4	174
10	Chapman and Cutler LLP	4,808.6	2.4	285

This is a modified version of Thomson Reuters's "AT5" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with co-counsel, each firm is credited with the full par amount of the issue. Source: Thomson Reuters (7/15/10)

Top Underwriter's Counsel: All Issues

First Half 2010 – FULL Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Nixon Peabody LLP	\$8,607.3	5.6	27
2	Sidley Austin LLP	8,495.8	5.6	23
3	Hawkins Delafield & Wood LLP	7,661.4	5.0	54
4	Orrick Herrington & Sutcliffe LLP	7,570.9	5.0	78
5	Pietrantonio Mendez & Alvarez LLP	5,758.7	3.8	10
6	Stradling Yocca Carlson & Rauth	4,771.7	3.1	55
7	Miller Canfield Paddock and Stone	4,347.0	2.8	54
8	Greenberg Traurig LLP	4,119.1	2.7	60
9	Nabors Giblin & Nickerson PA	3,956.6	2.6	16
10	Fulbright & Jaworski LLP	3,953.3	2.6	102

This is a modified version of Thomson Reuters's "AT6" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with co-counsel, each firm is credited with the full par amount of the issue. Source: Thomson Reuters (7/15/10)

Top Bond Counsel: Negotiated Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Orrick Herrington & Sutcliffe LLP	\$23,363.8	13.9	163
2	Hawkins Delafield & Wood LLP	10,216.5	6.1	106
3	Nixon Peabody LLP	8,762.6	5.2	29
4	Squire Sanders & Dempsey LLP	6,999.1	4.2	87
5	Sidley Austin LLP	6,166.6	3.7	28
6	Kutak Rock LLP	5,468.0	3.2	111
7	McCall Parkhurst & Horton LLP	5,265.9	3.1	133
8	Edwards Angell Palmer & Dodge LLP	5,074.5	3.0	51
9	Fulbright & Jaworski LLP	3,570.6	2.1	146
10	KMZ Rosenman-Katten Muchin Zavis Rosenman	3,462.1	2.1	21

This is Thomson Reuters's "AT5a" league table for negotiated offerings. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with co-counsel, the par amount is divided equally among the firms. Source: Thomson Reuters (7/15/10)

Top Disclosure Counsel: All Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Orrick Herrington & Sutcliffe LLP	\$13,797.9	27.6	84
2	Hawkins Delafield & Wood LLP	3,198.4	6.4	14
3	Stradling Yocca Carlson & Rauth	3,031.5	6.1	52
4	Bryant Miller Olive PA	2,872.4	5.8	13
5	Kutak Rock LLP	2,745.8	5.5	55
6	Mintz Levin Cohn Ferris Glovsky & Popeo PC	2,248.8	4.5	13
7	Robinson & Pearman LLP	1,966.7	3.9	3
8	Sherman & Howard (Swenseid & Stern)	1,853.5	3.7	39
9	Greenberg Traurig LLP	1,626.3	3.3	15
10	Squire Sanders & Dempsey LLP	1,486.0	3.0	21

This is Thomson Reuters's "AT23" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with co-counsel, the par amount is divided equally among the firms. Source: Thomson Reuters (7/15/10)

Top Bond Counsel: Competitive Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Sidley Austin LLP	\$1,722.6	5.0	15
2	Squire Sanders & Dempsey LLP	1,195.2	3.5	23
3	Foster Pepper PLLC	1,043.6	3.0	13
4	Edwards Angell Palmer & Dodge LLP	1,027.1	3.0	100
5	Stevens & Lee	1,000.0	2.9	2
6	Ahlers & Cooney PC	972.2	2.8	131
7	Kutak Rock LLP	947.3	2.8	26
8	Obermayer Rebmann Maxwell & Hippel LLP	905.6	2.6	3
9	Orrick Herrington & Sutcliffe LLP	899.4	2.6	45
10	Hawkins Delafield & Wood LLP	824.3	2.4	50

This is Thomson Reuters's "AT5b" league table for competitive offerings. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. In issues with co-counsel, the par amount is divided equally among the firms. Source: Thomson Reuters (7/15/10)

Top Issuers: All Issues

First Half 2010

Rank	Issuer	Amount (\$mill)	% Mkt Shr	# Issues
1	Illinois (State)	\$7,778.4	3.8	10
2	California (State)	6,018.7	3.0	6
3	Puerto Rico Sales Tax Financing Corp	3,625.4	1.8	4
4	New York State Dormitory Authority	3,093.9	1.5	19
5	California Department of Water Resources	2,992.5	1.5	1
6	Georgia Muni Electric Authority	2,796.3	1.4	7
7	Puerto Rico Electric Power Authority	2,530.3	1.2	8
8	Los Angeles Unified School District, Calif.	2,327.3	1.1	7
9	New York City Transitional Finance Authority	2,068.6	1.0	9
10	Chicago, Ill.	2,051.4	1.0	10

Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Bond Insurers: All Issues

First Half 2010 – Ranked by Insured Amount

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Assured Guaranty Municipal (formerly FSA)	\$10,833.8	79.4	568
2	Assured Guaranty Corp.	2,804.9	20.6	246

This is Thomson Reuters's "AT10" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Each firm is credited with the actual amount that it insured within the issue. Source: Thomson Reuters (7/15/10)

Standby Purchase Agreement Providers

All Issues – First Half 2010 – Ranked by Enhanced Amount

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Barclays Bank PLC	\$335.7	37.2	2
2	Bank of America	195.5	21.6	3
3	JPMorgan Chase Bank	177.3	19.6	2
4	US Bank	100.0	11.1	2
5	TD Bank	43.6	4.8	1
6	Federal Home Loan Bank of Boston	33.3	3.7	1
7	Branch Banking & Trust Co.	18.0	2.0	1

Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Each SBPA provider is credited with the actual amount that it enhanced within the issue. Source: Thomson Reuters (7/15/10)

Top Governmental Guarantors: All Issues

First Half 2010 – Ranked by Enhanced Amount

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Texas Permanent School Fund	\$1,950.9	23.8	137
2	Pennsylvania Higher Education Assistance Agency	1,583.9	19.4	3
3	Missouri Department of Higher Education	822.5	10.1	1
*4	Missouri Higher Education Loan Authority	761.4	9.3	2
*4	Federal Family Education Loan Program	761.4	9.3	2
6	Michigan School Bond Qualification & Loan Prgm	638.5	7.8	44
7	Minnesota School District Credit Enhancement	556.5	6.8	60
8	Washington School District Credit Enhancement	439.4	5.4	19
9	Missouri Direct Deposit	403.8	4.9	108
10	Pennsylvania Intercept Program	357.8	4.4	3

*Tie. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Each guarantor is credited with the actual amount that it enhanced within the issue. Source: Thomson Reuters (7/15/10)

Top Letter-of-Credit Providers: All Issues

First Half 2010 – Ranked by Enhanced Amount

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	JPMorgan Chase Bank	\$1,335.0	31.8	20
2	Bank of America	993.2	23.7	13
3	PNC Bank	256.9	6.1	8
4	Wells Fargo Bank	195.0	4.7	6
5	RBS Citizens	193.1	4.6	2
6	TD Bank	180.0	4.3	3
7	Deutsche Bank	129.6	3.1	3
8	Manufacturers & Traders Trust Co.	115.4	2.8	2
9	Citibank	111.0	2.7	2
10	Bank of Nova Scotia	100.0	2.4	1

This is a modified version of Thomson Reuters's "AT29" league table for domestic U.S. and foreign banks. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Each LOC provider is credited with the actual amount that it enhanced within the issue. Source: Thomson Reuters (7/15/10)

Top Co-Managers: All Issues

First Half 2010 – Equal Credit to Each Firm

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Bank of America Merrill Lynch	\$9,092.5	4.5	262
2	JPMorgan	8,886.0	4.4	262
3	Morgan Stanley	7,916.1	3.9	223
4	Citi	6,413.7	3.2	352
5	Wells Fargo & Co.	6,022.9	3.0	219
6	Goldman Sachs & Co.	5,517.3	2.7	154
7	Barclays Capital	5,231.8	2.6	140
8	RBC Capital Markets	5,060.8	2.5	198
9	Siebert Brandford Shank & Co.	5,019.8	2.5	166
10	Loop Capital Markets	4,880.0	2.4	406

This is Thomson Reuters's "AT12" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. The par amount of each issue is divided equally among the co-managers. Source: Thomson Reuters (as compiled by The Bond Buyer on July 11, 2010)

Top Trustee Banks: All Issues

First Half 2010 – Ranked by Dollar Amount

Rank	Firm	Amount (\$mill)	% Mkt Shr	# Issues
1	Bank of New York Mellon	\$44,911.4	41.8	498
2	US Bank	31,279.8	29.1	454
3	Wells Fargo Bank	15,601.6	14.5	203
4	Regions Bank	2,889.1	2.7	49
5	Deutsche Bank	2,802.8	2.6	27
6	Manufacturers & Traders Trust Co.	2,124.1	2.0	25
7	TD Bank	1,709.0	1.6	23
8	UMB Bank	1,201.2	1.1	86
9	Zions First National Bank	730.2	0.7	34
10	Huntington National Bank	685.9	0.6	18

This is Thomson Reuters's "AT8" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Source: Thomson Reuters (7/15/10)

Top Trustee Banks: All Issues

First Half 2010 – Ranked by Number of Issues

Rank	Firm	# Issues	% Mkt Shr	Amount (\$mill)
1	Bank of New York Mellon	498	31.5	\$44,911.4
2	US Bank	454	28.7	31,279.8
3	Wells Fargo Bank	203	12.8	15,601.6
4	UMB Bank	86	5.4	1,201.2
5	Regions Bank	49	3.1	2,889.1
6	Zions First National Bank	34	2.2	730.2
7	Deutsche Bank	27	1.7	2,802.8
8	Manufacturers & Traders Trust Co.	25	1.6	2,124.1
9	TD Bank	23	1.5	1,709.0
10	Union Bank	21	1.3	442.6

This is Thomson Reuters's "AT9" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Source: Thomson Reuters (7/15/10)

Top Paying Agents: All Issues

First Half 2010 – Ranked by Number of Issues

Rank	Firm	# Issues	% Mkt Shr	Amount (\$mill)
1	Bank of New York Mellon	1,294	27.3	\$65,770.8
2	US Bank	1,084	22.8	48,932.0
3	Wells Fargo Bank	574	12.1	22,580.4
4	UMB Bank	406	8.6	2,359.6
5	Regions Bank	186	3.9	6,057.6
6	Bankers Trust Co.	175	3.7	835.4
7	Huntington National Bank	105	2.2	1,531.2
8	Manufacturers & Traders Trust Co.	99	2.1	3,315.0
9	Bond Trust Services Corp.	77	1.6	505.2
10	TD Bank	62	1.3	2,097.0

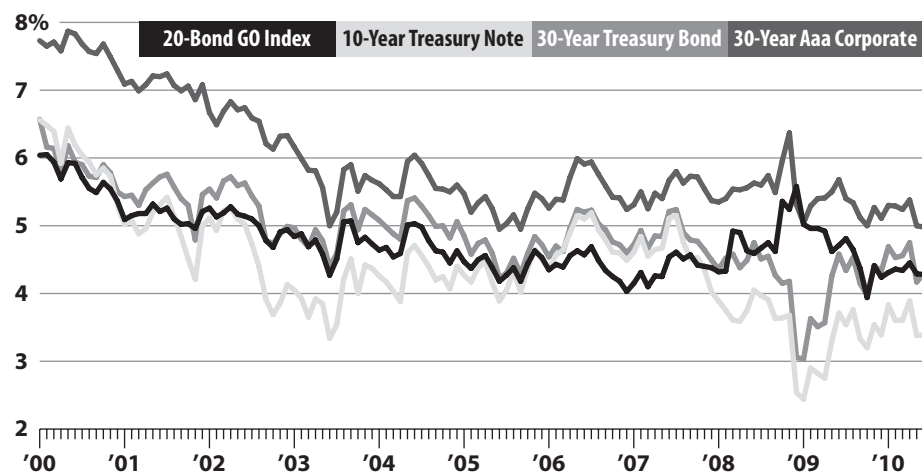
This is Thomson Reuters's "AT8f" league table. Dollar amounts are in millions. Rankings are final as of June 30, 2010. Short-term notes, private placements, and deals not meeting Thomson Reuters's T+5 policy rule are excluded. Source: Thomson Reuters (7/15/10)

Municipal Bond Redemptions: 2007-10

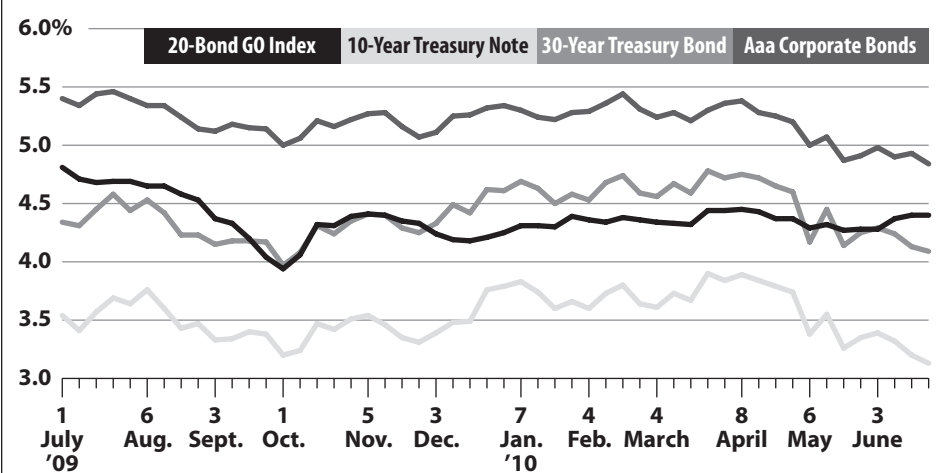
MONTH	CURRENT REFUNDINGS	ADVANCE REFUNDINGS	MATURING BONDS	MATURING NOTES	COUPON PAYMENTS	TOTAL
January	\$4,388	\$3,702	\$8,262	\$882	\$9,976	\$27,210
February	4,690	3,816	8,796	1,619	5,396	24,317
March	4,525	3,160	6,626	1,272	4,070	19,653
April	4,970	2,499	6,505	1,030	4,938	19,942
May	5,037	2,845	7,241	822	4,588	20,532
June	6,288	5,206	11,771	14,602	6,783	44,649
July	7,624	5,013	14,497	3,604	9,976	40,714
August	7,884	4,251	11,683	7,660	5,396	36,873
September	6,047	2,085	8,568	3,448	4,070	24,218
October	5,244	3,555	9,317	1,215	4,938	24,270
November	5,775	2,111	8,390	2,456	4,588	23,319
December	6,673	4,824	14,260	2,501	6,783	35,041
2007 Total	69,145	43,067	115,916	41,110	71,500	340,739
January	6,048	5,109	8,624	1,515	9,976	31,271
February	5,205	4,123	9,494	1,243	5,396	25,460
March	12,710	2,329	6,739	998	4,070	26,846
April	26,340	3,655	6,908	1,087	4,938	42,929
May	29,382	4,022	7,377	2,250	4,588	47,618
June	18,697	6,869	13,198	19,979	6,783	65,526
July	18,120	5,764	16,788	4,122	9,976	54,770
August	10,710	5,046	11,965	4,167	5,396	37,284
September	13,462	2,001	7,881	4,040	4,070	31,454
October	8,862	3,027	9,508	1,951	4,938	28,286
November	7,846	2,869	7,682	4,587	4,588	27,571
December	11,354	3,362	14,917	2,681	6,783	39,096
2008 Total	168,736	48,175	121,080	48,620	71,500	458,111
January	6,688	3,054	9,002	1,960	9,976	30,679
February	5,425	4,629	9,033	1,575	5,396	26,058
March	7,341	2,748	6,858	1,376	4,070	22,392
April	7,613	2,186	7,208	2,852	4,938	24,796
May	7,764	4,239	8,069	4,956	4,588	29,617
June	8,781	4,546	14,357	19,309	6,783	53,775
July	8,925	7,750	18,173	5,632	9,976	50,456
August	8,015	5,439	14,437	10,647	5,396	43,934
September	8,591	3,085	10,138	4,353	4,070	30,236
October	9,247	4,699	11,558	3,712	4,938	34,155
November	10,134	4,618	9,659	1,325	4,588	30,323
December	11,757	4,917	15,230	4,140	6,783	42,827
2009 Total	100,280	51,910	133,723	61,836	71,500	419,249
January	9,629	4,994	11,291	2,222	9,976	38,112
February	7,194	4,584	12,342	1,875	5,396	31,391
March	10,231	3,345	9,367	2,209	4,070	29,222
April	9,706	2,834	8,362	4,016	4,938	29,857
May	11,442	5,862	10,225	5,801	4,588	37,917
June	13,171	7,758	17,220	21,487	6,783	66,419
July	9,246	9,198	17,569	3,925	9,976	49,914
August	2,163	5,556	13,475	6,456	5,396	33,045
September	370	4,101	8,771	2,834	4,070	20,146
October	177	5,443	10,178	1,621	4,938	22,357
November	0	3,974	9,263	1,101	4,588	18,926
December	0	5,689	14,446	2,679	6,783	29,598
2010 Total	73,330	63,337	142,509	56,227	71,500	406,903

Amounts are in millions of dollars.
 Figures represent municipal issuers' actual payouts in 2007 through 2009 and anticipated payouts in 2010.
 Current Refundings is the volume of bonds that were called in 2007-09 and are forecast to be called in 2010 within 90 days of the issuance of a current refunding.
 Advance Refundings is the volume of bonds called in 2007-09 and to be called in 2010 as a result of funds held in escrow for that purpose.
 Maturing Bonds and Maturing Notes are the volume of bonds and notes that were held or will be held until maturity.
 Coupon Payments are estimated based on historical coupon payment data.

Interest Rates: 2000-2010



Interest Rates: 2009-2010



Interest Rate Indexes: July 2009-June 2010

Date	Municipal Bond Index			Weekly Bond Indexes			1-Year Note	10-Year Treasury	30-Year Treasury	
	6% Index	Yield to Per Call	Yield to Maturity	20-Bond Gen Obl	11-Bond Gen Obl	25-Bond Revenue				
Jul	2	105-15	5.52	5.47	4.81	4.53	5.76	0.74	3.54	4.34
2009	9	106-02	5.63	5.59	4.71	4.43	5.70	0.90	3.41	4.31
	16	106-24	5.54	5.55	4.68	4.39	5.66	0.81	3.57	4.45
	23	106-10	5.61	5.58	4.69	4.40	5.67	0.72	3.69	4.58
	30	106-06	5.62	5.59	4.69	4.41	5.66	0.83	3.64	4.44
Aug	6	106-21	5.59	5.58	4.65	4.38	5.68	0.81	3.76	4.53
	13	107-02	5.55	5.56	4.65	4.38	5.66	0.83	3.60	4.42
	20	108-02	5.41	5.45	4.58	4.31	5.62	0.84	3.43	4.23
	27	108-24	5.32	5.40	4.53	4.27	5.59	0.82	3.47	4.23
Sep	3	110-18	5.11	5.29	4.37	4.11	5.43	0.79	3.33	4.15
	10	111-30	4.96	5.20	4.33	4.08	5.33	0.78	3.34	4.18
	17	113-06	4.81	5.12	4.20	3.93	4.98	0.60	3.40	4.18
	24	114-12	4.67	5.04	4.04	3.79	4.86	0.56	3.38	4.17
Oct	1	115-12	4.55	4.98	3.94	3.69	4.69	0.56	3.20	3.97
	8	115-24	4.51	4.96	4.06	3.80	4.69	0.59	3.24	4.08
	15	113-21	4.75	5.08	4.32	4.05	4.86	0.57	3.47	4.31
	22	112-27	4.91	5.15	4.31	4.04	4.87	0.54	3.42	4.24
	29	112-02	5.01	5.21	4.39	4.11	4.95	0.55	3.51	4.35
Nov	5	110-22	5.34	5.37	4.41	4.14	5.01	0.56	3.54	4.41
	12	110-02	5.46	5.43	4.40	4.12	5.02	0.56	3.46	4.40
	19	109-25	5.51	5.46	4.35	4.08	5.04	0.55	3.35	4.29
	26	109-31	5.49	5.45	4.33	4.06	5.03	0.56	3.31	4.25
Dec	3	110-24	5.44	5.43	4.24	3.97	4.98	0.52	3.39	4.33
	10	112-03	5.31	5.37	4.19	3.91	4.93	0.49	3.48	4.49
	17	112-05	5.33	5.38	4.18	3.90	4.92	0.46	3.49	4.42
	24	112-07	5.36	5.40	4.21	3.93	4.94	0.49	3.76	4.62
	31	112-06	5.36	5.41	4.25	3.97	4.95	0.49	3.79	4.61
Jan	7	112-16	5.36	5.40	4.31	4.03	4.96	0.45	3.83	4.69
2010	14	113-06	5.28	5.37	4.31	4.03	4.93	0.43	3.74	4.63
	21	113-22	5.23	5.33	4.30	4.02	4.91	0.47	3.60	4.50
	28	113-06	5.28	5.36	4.39	4.10	4.99	0.49	3.66	4.58
Feb	4	112-28	5.36	5.34	4.36	4.08	4.96	0.44	3.60	4.53
	11	113-06	5.33	5.32	4.34	4.06	4.96	0.45	3.73	4.68
	18	113-08	5.33	5.31	4.38	4.09	4.97	0.48	3.80	4.74
	25	113-07	5.33	5.31	4.36	4.07	4.94	0.41	3.64	4.59
Mar	4	113-19	5.31	5.30	4.34	4.06	4.93	0.40	3.61	4.56
	11	113-29	5.28	5.28	4.33	4.06	4.92	0.39	3.73	4.67
	18	114-04	5.24	5.27	4.32	4.05	4.92	0.40	3.67	4.59
	25	114-03	5.25	5.27	4.44	4.15	4.93	0.48	3.90	4.78
Apr	1	114-00	5.25	5.27	4.44	4.15	4.94	0.43	3.84	4.72
	8	113-32	5.20	5.22	4.45	4.16	4.96	0.53	3.89	4.75
	15	114-05	5.18	5.20	4.43	4.14	4.96	0.48	3.84	4.72
	22	114-24	5.11	5.16	4.37	4.10	4.93	0.54	3.79	4.65
	29	115-12	5.03	5.13	4.37	4.08	4.91	0.51	3.74	4.60
May	6	115-23	4.98	5.09	4.29	4.00	4.89	0.53	3.38	4.17
	13	115-17	5.00	5.10	4.32	4.04	4.90	0.52	3.55	4.45
	20	115-20	5.00	5.09	4.27	4.00	4.86	0.49	3.26	4.14
	27	116-06	4.95	5.06	4.28	4.00	4.84	0.51	3.35	4.25
Jun	3	115-30	5.00	5.09	4.28	4.01	4.81	0.47	3.39	4.29
	10	115-23	5.02	5.10	4.37	4.09	4.82	0.52	3.32	4.24
	17	115-05	5.11	5.15	4.40	4.12	4.86	0.57	3.20	4.13
	24	115-01	5.15	5.18	4.40	4.14	4.85	0.56	3.13	4.09
12-Month Average		112-13	5.21	5.29	4.37	4.10	5.06	0.57	3.54	4.42

Explanation of the Indexes

The Municipal Bond Index

The Bond Buyer Municipal Bond Index is a daily price index based on 40 long-term municipal bonds. The index's value is expressed in points and 32ds. The figures shown are weekly averages of the index's daily figures for each week ending Thursday.

The index contains 40 long-term municipal bonds. Taxable bonds, variable-rate bonds, and private placements are excluded, but bonds subject to the alternative minimum tax and fixed-rate remarketings can be included. The index is based on price quotations provided by Standard & Poor's Securities Evaluations. It is calculated every business day using prices as of 4 p.m. Eastern time.

The index's value is calculated by taking the dollar bid price for each bond, converting it to represent what the price would be if the bond had a standard 6% coupon rate, averaging the converted prices, and multiplying the result by the current value of the coefficient. The coefficient compensates for the changes made twice a month in the composition of the index.

The average yield to par call is calculated using the average coupon rate, average par call date, and average dollar price. The average yield to maturity is calculated using the average maturity date.

The Weekly Bond Indexes

The three weekly bond indexes are calculated every Thursday (or Wednesday if Thursday or Friday is a legal holiday). They represent theoretical yields rather than actual price or yield quotations. Municipal bond dealers and banks are asked to estimate what a current-coupon bond for each issuer would yield if the bond was sold at par value. The indexes are simple averages of the average estimated yields of the bonds.

The 20-Bond Index consists of 20 general obligation bonds that mature in 20 years. The average rating of the 20 bonds is roughly equivalent to Moody's Investors Service's Aa2 and Standard & Poor's Corp.'s AA. (No average Fitch rating is provided because Fitch does not rate all of the bonds in the index.)

The 11-Bond Index uses a select group of 11 bonds in the 20-Bond Index. The average rating of the 11 bonds is roughly equivalent to Moody's Aa1 rating and S&P's AA-plus. (No average Fitch rating is provided.)

The bonds currently used in the two indexes are listed below. The bonds in the 11-Bond Index are marked with an asterisk.

	Moody's/S&P/Fitch	Moody's/S&P/Fitch	Moody's/S&P/Fitch
Baltimore, Md.	Aa3 / AA- / A+	*Memphis, Tenn.	Aa2 / AA / AA-
California.....	A1 / A- / A-	Miami-Dade, Fla.	Aa3 / AA- / A+
Chicago, Ill.	Aa3 / A+ / AA-	Milwaukee, Wis.	Aa2 / AA / AA+
*Denver, Colo.	Aa1 / AAA / AA+	*New Jersey.....	Aa2 / AA / AA
*Florida.....	Aa1 / AAA / AAA	New York City.....	Aa3 / AA / AA-
*Georgia.....	Aaa / AAA / AAA	New York State.....	Aa2 / AA / AA
Houston, Tex.	Aa3 / AA- / AA	*North Carolina.....	Aaa / AAA / AAA
		*Pennsylvania.....	Aa1 / AA / AA+
		*Phoenix, Ariz.	Aa1 / AAA / NR
		Puerto Rico.....	A3 / BBB- / NR
		*Seattle, Wash.	Aaa / AAA / AAA
		*South Carolina.....	Aaa / AA+ / AAA
		*Washington.....	Aa1 / AA+ / AA+

The Revenue Bond Index

The Revenue Bond Index consists of 25 various revenue bonds that mature in 30 years. The average rating is roughly equivalent to Moody's A1 and S&P's A-plus. (No average Fitch rating is provided because Fitch does not rate all the bonds in the index.) The bonds currently used in the index and their ratings are listed below.

	Moody's	S&P	Fitch
Atlanta, Ga., airport (AMT)	A1	A+	A+
California Housing Finance Agency, multi-unit rental (AMT)	Aa2	A+	NR
Connecticut Housing Finance Authority	Aaa	AAA	NR
Dallas-Fort Worth International Airport Board, Tex. (AMT)	A1	A+	A+
Energy Northwest (formerly WPPSS), Wash., power revenue	Aaa	AA-	AA
Illinois Health Facilities Authority (Northwestern Memorial Hospital)	Aa2	AA+	NR
Illinois Housing Development Authority, multifamily	A1	A+	A+
Intermountain Power Agency, Utah	Aa3	A+	AA-
JEA (formerly Jacksonville Electric Authority), Fla. electric revenue	Aa2	AA	AA
Kentucky Turnpike Authority	Aa3	AA-	AA-
Los Angeles Department of Water and Power, Calif., electric revenue	Aa3	A+	AA-
Maricopa County Industrial Development Authority, Ariz. (Samaritan Health Service)	Baa1	BBB	NR
Massachusetts Port Authority (AMT)	Aa3	AA-	AA-
MEAG Power (formerly Municipal Electric Authority of Georgia)	A2	A	AA-
Nebraska Public Power District, power supply	A1	A+	A+
New Jersey Turnpike Authority, turnpike revenue	A3	A	A
New York State Local Government Assistance Corp., revenue	A3	AA-	A+
New York State Power Authority, general purpose	Aa2	AA-	AA
North Carolina Municipal Power Agency No. 1, Catawba electric revenue	Baa1	BBB+	A-
Port Authority of New York and New Jersey, consolidated (AMT)	Aa3	AA-	AA-
Puerto Rico Electric Power Authority	Baa1	A-	NR
Salt River Project Agricultural Improvement & Power District, Ariz., electric revenue	Aa2	AA	NR
South Carolina Public Service Authority, electric revenue	Aa2	AA-	AA
Texas Municipal Power Agency	A2	A+	A
Virginia Housing Development Authority (AMT)	Aa1	AA+	NR

Short-Term Indexes

The Bond Buyer One-Year Note Index is calculated once a week on Wednesday (Tuesday if Wednesday is a legal holiday). It represents theoretical yields rather than actual price or yield quotations. The index is a simple average of the average estimated yields of the notes.

Ten note issuers are used: California, Colorado, Idaho, Los Angeles County, Michigan, New Jersey, New York City (RANs), Pennsylvania, Texas, and Wisconsin. All issuers are rated MIG-1 by Moody's Investors Service except California, which is rated MIG-2. California, Michigan, and New York City are rated SP-1 by Standard & Poor's Corp., while all other issuers are rated SP-1-plus.

U.S. Treasury 10-Year Note and 30-Year Bond

The U.S. Treasury 10-year note and 30-year bond yields are Thomson Reuters quotes as of 3:30 p.m. Eastern time.



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