

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MARSHALL & ILSLEY CORP
Form 13F-HR
February 11, 2010

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D. C. 20549
Form 13F

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 12/31/2009

Check here if Amendment []; Amendment Number:

This Amendment (Check only one.): [] is a restatement.

[] adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: Marshall & Ilsley Corporation
Address: 770 North Water Street
Milwaukee, WI 53202

Form 13F File Number: 28-12609

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Kenneth C. Krei
Title: Senior Vice President
Phone: 414-765-7448

Signature, Place, and Date of Signing:

<u>/s/ Kenneth C. Krei</u>	<u>Milwaukee, WI</u>	<u>02/05/2010</u>
[Signature]	[City, State]	[Date]

Report Type (Check only one.):

- 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)
- 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)
- 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers: 3

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

Form 13F Information Table Entry Total: 2,641

Form 13F Information Table Value Total: \$ 5,746,561

(thousands)

List of Other Included Mangers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No.	Form 13F File Number	Name
1	28-12568	North Star Trust Company
2	28-274	M&I Investment Management Corp.
3	28-05085	Marshall & Ilsley Trust Company N.A.

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	SOLE (A)	SHR (B)	OTHR (C)	INVESTMENT DISCRETION
AAR CORP	COM	000361105	1	42	SH				X
AAR CORP	COM	000361105	833	36,237	SH		X		
ABB LTD	SPON ADR	000375204	192	10,062	SH				X
ABB LTD	SPON ADR	000375204	612	32,057	SH		X		
AFLAC INC	COM	001055102	16	350	SH		X		
AFLAC INC	COM	001055102	697	15,061	SH				X
AFLAC INC	COM	001055102	2,278	49,260	SH		X		
AFLAC INC	COM	001055102	3,359	72,629	SH		X		
AK STL HLDG CORP	COM	001547108	6	258	SH				X
AK STL HLDG CORP	COM	001547108	199	9,310	SH		X		
AK STL HLDG CORP	COM	001547108	1,695	79,400	SH		X		
AMR CORP	COM	001765106	80	10,380	SH		X		
AVI BIOPHARMA INC	COM	002346104	124	85,000	SH		X		
ABBOTT LABS	COM	002824100	94	1,750	SH				X
ABBOTT LABS	COM	002824100	475	8,800	SH		X		
ABBOTT LABS	COM	002824100	5,470	101,308	SH				X
ABBOTT LABS	COM	002824100	17,308	320,564	SH		X		
ABBOTT LABS	COM	002824100	25,379	470,075	SH		X		
ABERDEEN AUSTRAL EQ FD I	COM	003011103	333	27,340	SH		X		
ABERDEEN AUSTRAL EQ FD I	COM	003011103	1,305	107,250	SH				X
ACACIA RESH CORP	COM	003881307	386	42,409	SH		X		
ACACIA RESH CORP	COM	003881307	1,535	168,500	SH		X		
ADVANCED MICRO DEV INC	COM	003881307	12	1,212	SH				X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

ADVANCED MICRO DEV INC	COM	003881307	164	16,947	SH		X	
AEGON N V	NY REG SH	007924103	89	13,913	SH		X	
AEGON N V	NY REG SH	007924103	162	25,306	SH			X
AFFILIATED COMP SVCS	CL A	008190100	8	130	SH			X
AFFILIATED COMP SVCS	CL A	008190100	279	4,666	SH	X		
AFFILIATED MANAGERS GR	COM	008252108	170	2,519	SH			X
AFFILIATED MANAGERS GR	COM	008252108	1,602	23,790	SH	X		
AFFILIATED MANAGERS GR	COM	008252108	7,135	105,933	SH	X		
AIR PRODS & CHEMS INC	COM	009158106	41	500	SH	X		
AIR PRODS & CHEMS INC	COM	009158106	1,686	20,797	SH			X
AIR PRODS & CHEMS INC	COM	009158106	8,377	103,341	SH	X		
AIR PRODS & CHEMS INC	COM	009158106	11,156	137,627	SH	X		
AIRGAS INC	COM	009363102	14	293	SH			X
AIRGAS INC	COM	009363102	500	10,509	SH	X		
AIRGAS INC	COM	009363102	1,576	33,100	SH	X		
ALBEMARLE CORP	COM	012653101	66	1,802	SH	X		
ALBEMARLE CORP	COM	012653101	1,509	41,500	SH	X		
ALBERTO CULVER CO NEW	COM	013078100	2	74	SH			X
ALBERTO CULVER CO NEW	COM	013078100	211	7,206	SH	X		
ALBERTO CULVER CO NEW	COM	013078100	644	22,000	SH	X		
ALCOA INC	COM	013817101	9	550	SH	X		
ALCOA INC	COM	013817101	568	35,259	SH			X
ALCOA INC	COM	013817101	1,406	87,250	SH	X		
ALCATEL-LUCENT	SPON ADR	013904305	3	780	SH	X		
ALCATEL-LUCENT	SPON ADR	013904305	165	49,599	SH	X		
ALCATEL-LUCENT	SPON ADR	013904305	228	68,644	SH			X
ALEXION PHARMA INC	COM	015351109	15	300	SH			X
ALEXION PHARMA INC	COM	015351109	829	16,970	SH	X		
ALEXION PHARMA INC	COM	015351109	5,497	112,600	SH	X		
ALLERGAN INC	COM	018490102	621	9,860	SH			X
ALLERGAN INC	COM	018490102	2,045	32,462	SH	X		
ALLERGAN INC	COM	018490102	2,709	43,000	SH	X		
ALLIANCE DATA SYST CORP	COM	018581108	6	91	SH			X
ALLIANCE DATA SYST CORP	COM	018581108	115	1,777	SH	X		
ALLIANCE DATA SYST CORP	COM	018581108	2,803	43,400	SH	X		
ALLIANT ENERGY CORP	COM	018802108	98	3,250	SH			X
ALLIANT ENERGY CORP	COM	018802108	185	6,128	SH			X
ALLIANT ENERGY CORP	COM	018802108	386	12,750	SH	X		
ALLIANT ENERGY CORP	COM	018802108	928	30,659	SH	X		
ALLIANT TECHSYSTEMS INC	COM	018804104	90	1,024	SH			X
ALLIANT TECHSYSTEMS INC	COM	018804104	689	7,804	SH	X		
ALLIANZ SE	SPADR1/10SH	018805101	190	15,081	SH			X
ALLIANZ SE	SPADR1/10SH	018805101	416	33,116	SH	X		
ALLSTATE CORP	COM	020002101	63	2,090	SH	X		
ALLSTATE CORP	COM	020002101	322	10,706	SH			X
ALLSTATE CORP	COM	020002101	1,634	54,401	SH	X		
ALTERA CORP	COM	021441100	115	5,092	SH			X
ALTERA CORP	COM	021441100	283	12,490	SH	X		
ALUMINA LTD	SPON ADR	022205108	33	4,972	SH	X		
ALUMINA LTD	SPON ADR	022205108	83	12,608	SH			X
AMAZON COM INC	COM	023135106	427	3,174	SH			X
AMAZON COM INC	COM	023135106	3,336	24,803	SH	X		
AMEDISYS INC	COM	023436108	82	1,689	SH			X
AMEDISYS INC	COM	023436108	766	15,770	SH	X		
AMEDISYS INC	COM	023436108	4,593	94,500	SH	X		
AMEREN CORP	COM	023608102	35	1,262	SH	X		
AMEREN CORP	COM	023608102	71	2,525	SH			X
AMEREN CORP	COM	023608102	198	7,100	SH	X		
AMEREN CORP	COM	023608102	3,980	142,385	SH	X		
AMERICAN CAMPUS CMNTYS	COM	024835100	44	1,575	SH			X
AMERICAN CAMPUS CMNTYS	COM	024835100	184	6,550	SH	X		
AMERICAN ELEC PWR INC	COM	025537101	42	1,200	SH	X		

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

AMERICAN ELEC PWR INC	COM	025537101	90	2,593	SH				X
AMERICAN ELEC PWR INC	COM	025537101	370	10,634	SH		X		
AMERICAN EQTY INVT LIFE	COM	025676206	39	5,190	SH				X
AMERICAN EQTY INVT LIFE	COM	025676206	109	14,675	SH		X		
AMERICAN EXPRESS CO	COM	025816109	71	1,744	SH		X		
AMERICAN EXPRESS CO	COM	025816109	1,202	29,668	SH				X
AMERICAN EXPRESS CO	COM	025816109	6,610	163,130	SH		X		
AMERICAN EXPRESS CO	COM	025816109	8,829	217,900	SH		X		
AMERICAN TOWER CORP	CL A	029912201	71	1,633	SH				X
AMERICAN TOWER CORP	CL A	029912201	123	2,835	SH		X		
AMERICAN TOWER CORP	CL A	029912201	2,199	50,900	SH		X		
AMETEK INC NEW	COM	031100100	2	42	SH				X
AMETEK INC NEW	COM	031100100	322	8,415	SH		X		
AMETEK INC NEW	COM	031100100	1,625	42,500	SH		X		
AMGEN INC	COM	031162100	20	350	SH				X
AMGEN INC	COM	031162100	377	6,666	SH				X
AMGEN INC	COM	031162100	792	13,995	SH		X		
AMGEN INC	COM	031162100	4,086	72,227	SH		X		
AMGEN INC	COM	031162100	15,705	277,625	SH		X		
AMPHENOL CORP NEW	CL A	032095101	22	487	SH				X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
AMPHENOL CORP NEW	CL A	032095101	453	9,812	SH		X	
AMPHENOL CORP NEW	CL A	032095101	2,822	61,100	SH		X	
AMTRUST FINANCL SVCS I	COM	032359309	7	634	SH			X
AMTRUST FINANCL SVCS I	COM	032359309	162	13,743	SH		X	
ANADARKO PETE CORP	COM	032511107	12	200	SH		X	
ANADARKO PETE CORP	COM	032511107	469	7,521	SH			X
ANADARKO PETE CORP	COM	032511107	5,105	81,786	SH		X	
ANADARKO PETE CORP	COM	032511107	16,884	270,485	SH		X	
ANALOG DEVICES INC	COM	032654105	17	537	SH			X
ANALOG DEVICES INC	COM	032654105	366	11,592	SH		X	
ANCHOR BANCORP WIS INC	COM	032839102	69	110,305	SH		X	
ANGLOGOLD ASHANTI LTD	SPON ADR	035128206	55	1,370	SH		X	
ANGLOGOLD ASHANTI LTD	SPON ADR	035128206	380	9,463	SH			X
AON CORP	COM	037389103	9	225	SH		X	
AON CORP	COM	037389103	40	1,044	SH			X
AON CORP	COM	037389103	40	1,050	SH			X
AON CORP	COM	037389103	340	8,855	SH		X	
APACHE CORP	COM	037411105	108	1,050	SH			X
APACHE CORP	COM	037411105	1,345	13,034	SH			X
APACHE CORP	COM	037411105	1,548	15,008	SH		X	
APACHE CORP	COM	037411105	13,481	130,668	SH		X	
APACHE CORP	COM	037411105	16,611	161,002	SH		X	
APOLLO GROUP INC	CL A	037604105	14	232	SH			X
APOLLO GROUP INC	CL A	037604105	144	2,367	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

APOLLO GROUP INC	CL A	037604105	2,029	33,500	SH		X	
APPLE INC	COM	037833100	177	840	SH		X	
APPLE INC	COM	037833100	2,467	11,709	SH			X
APPLE INC	COM	037833100	15,197	72,117	SH		X	
APPLE INC	COM	037833100	54,335	257,838	SH		X	
APPLIED MATLS INC	COM	038222105	18	1,300	SH			X
APPLIED MATLS INC	COM	038222105	242	17,331	SH			X
APPLIED MATLS INC	COM	038222105	290	20,800	SH		X	
APPLIED MATLS INC	COM	038222105	5,083	364,654	SH		X	
APPLIED MATLS INC	COM	038222105	7,379	529,304	SH		X	
APTARGROUP INC	COM	038336103	127	3,560	SH			X
APTARGROUP INC	COM	038336103	236	6,617	SH		X	
ARCHER DANIELS MIDLAND	COM	039483102	131	4,194	SH			X
ARCHER DANIELS MIDLAND	COM	039483102	813	25,962	SH		X	
ARCHER DANIELS MIDLAND	COM	039483102	2,084	66,576	SH		X	
ARENA RESOURCES INC	COM	040049108	56	1,296	SH		X	
ARENA RESOURCES INC	COM	040049108	328	7,599	SH			X
ARM HLDGS PLC	SPON ADR	042068106	99	11,572	SH		X	
ARROW ELECTRS INC	COM	042735100	219	7,390	SH			X
ARROW ELECTRS INC	COM	042735100	1,328	44,857	SH		X	
ARROW ELECTRS INC	COM	042735100	13,709	462,980	SH		X	
ARUBA NETWORKS INC	COM	043176106	837	78,462	SH		X	
ARUBA NETWORKS INC	COM	043176106	2,766	259,500	SH		X	
ARVINMERITOR INC	COM	043353101	216	19,363	SH		X	
ASHLAND INC NEW	COM	044209104	1	25	SH			X
ASHLAND INC NEW	COM	044209104	299	7,548	SH		X	
ASHLAND INC NEW	COM	044209104	2,190	55,265	SH		X	
ASSOCIATED BANC CORP	COM	045487105	354	32,119	SH			X
ASSOCIATED BANC CORP	COM	045487105	2,656	241,203	SH		X	
ASSOCIATED BANC CORP	COM	045487105	3,376	306,637	SH		X	
ASTORIA FINL CORP	COM	046265104	37	2,990	SH			X
ASTORIA FINL CORP	COM	046265104	138	11,073	SH		X	
ASTRAZENECA PLC	SPON ADR	046353108	45	955	SH			X
ASTRAZENECA PLC	SPON ADR	046353108	242	5,163	SH		X	
ATLANTICTELENETWORK INC	COM NEW	049079205	9	172	SH			X
ATLANTICTELENETWORK INC	COM NEW	049079205	1,678	30,529	SH		X	
ATLANTICTELENETWORK INC	COM NEW	049079205	6,506	118,400	SH		X	
ATLAS ENERGY INC	COM	049298102	30	988	SH		X	
ATLAS ENERGY INC	COM	049298102	1,986	65,900	SH		X	
ATWOOD OCEANICS INC	COM	050095108	14	400	SH			X
ATWOOD OCEANICS INC	COM	050095108	289	8,053	SH		X	
AUTODESK INC	COM	052769106	14	562	SH			X
AUTODESK INC	COM	052769106	290	11,413	SH		X	
AUTOLIV INC	COM	052800109	217	5,011	SH		X	
AUTOMATIC DATA PROCG IN	COM	053015103	11	250	SH		X	
AUTOMATIC DATA PROCG IN	COM	053015103	1,051	24,549	SH			X
AUTOMATIC DATA PROCG IN	COM	053015103	2,861	66,816	SH		X	
AUTOZONE INC	COM	053332102	72	457	SH			X
AUTOZONE INC	COM	053332102	397	2,514	SH		X	
AVALONBAY CMNTYS INC	COM	053484101	4	44	SH			X
AVALONBAY CMNTYS INC	COM	053484101	277	3,373	SH		X	
AVERY DENNISON CORP	COM	053611109	41	1,130	SH		X	
AVERY DENNISON CORP	COM	053611109	166	4,552	SH			X
AVERY DENNISON CORP	COM	053611109	1,344	36,824	SH		X	
AVNET INC	COM	053807103	69	2,300	SH			X
AVNET INC	COM	053807103	884	29,301	SH		X	
AVNET INC	COM	053807103	3,298	109,352	SH		X	
AVON PRODS INC	COM	054303102	97	3,064	SH			X
AVON PRODS INC	COM	054303102	472	14,970	SH		X	
AXA	SPON ADR	054536107	174	7,362	SH			X
AXA	SPON ADR	054536107	372	15,727	SH		X	
BB&T CORP	COM	054937107	58	2,296	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

BB&T CORP	COM	054937107	3,397	133,897	SH		X	
BJ SVCS CO	COM	055482103	7	400	SH		X	
BJ SVCS CO	COM	055482103	12	658	SH			X
BJ SVCS CO	COM	055482103	1,163	62,504	SH		X	
BJ SVCS CO	COM	055482103	3,108	167,096	SH		X	
BP PLC	SPON ADR	055622104	203	3,503	SH			X
BP PLC	SPON ADR	055622104	1,020	17,602	SH		X	
BP PLC	SPON ADR	055622104	1,434	24,738	SH		X	
BP PLC	SPON ADR	055622104	4,247	73,267	SH			X
BP PLC	SPON ADR	055622104	12,160	209,770	SH		X	
BMC SOFTWARE INC	COM	055921100	443	11,037	SH			X
BMC SOFTWARE INC	COM	055921100	1,809	45,114	SH		X	
BADGER METER INC	COM	056525108	615	15,450	SH			X
BADGER METER INC	COM	056525108	1,412	35,459	SH		X	
BAKER HUGHES INC	COM	057224107	62	1,531	SH			X
BAKER HUGHES INC	COM	057224107	499	12,336	SH		X	
BALDOR ELEC CO	COM	057741100	489	17,422	SH		X	
BALL CORP	COM	058498106	5	91	SH			X
BALL CORP	COM	058498106	312	6,032	SH		X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
BALL CORP	COM	058498106	1,393	26,940	SH		X	
BANK OF AMERICA CORP	COM	060505104	12	824	SH			X
BANK OF AMERICA CORP	COM	060505104	199	13,187	SH		X	
BANK OF AMERICA CORP	COM	060505104	923	61,255	SH			X
BANK OF AMERICA CORP	COM	060505104	4,744	315,000	SH CALL		X	
BANK OF AMERICA CORP	COM	060505104	9,945	660,367	SH		X	
BANK OF AMERICA CORP	COM	060505104	21,001	1,394,489	SH		X	
BANK MONTREAL QUE	COM	063671101	216	4,070	SH		X	
BANK MONTREAL QUE	COM	063671101	228	4,300	SH			X
BANK MUTUAL CORP NEW	COM	063750103	46	6,616	SH		X	
BANK MUTUAL CORP NEW	COM	063750103	84	12,090	SH			X
BNY MELLON CORP	COM	064058100	110	3,920	SH		X	
BNY MELLON CORP	COM	064058100	689	24,620	SH			X
BNY MELLON CORP	COM	064058100	5,172	184,930	SH		X	
BANK NOVASCOTIA HALIFAX	COM	064149107	215	4,600	SH			X
BARD C R INC	COM	067383109	19	250	SH		X	
BARD C R INC	COM	067383109	669	8,583	SH		X	
BARD C R INC	COM	067383109	1,255	16,108	SH			X
BARRICK GOLD CORP	COM	067901108	128	3,244	SH		X	
BARRICK GOLD CORP	COM	067901108	816	20,711	SH			X
BAXTER INTL INC	COM	071813109	93	1,592	SH		X	
BAXTER INTL INC	COM	071813109	5,281	89,993	SH		X	
BAXTER INTL INC	COM	071813109	7,753	132,115	SH			X
BAXTER INTL INC	COM	071813109	15,909	271,120	SH		X	
BEACON ROOFING SPLY INC	COM	073685109	68	4,225	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

BEACON ROOFING SPLY INC	COM	073685109	97	6,050	SH		X	
BECKMAN COULTER INC	COM	075811109	142	2,177	SH			X
BECKMAN COULTER INC	COM	075811109	290	4,433	SH		X	
BECTON DICKINSON & CO	COM	075887109	24	300	SH		X	
BECTON DICKINSON & CO	COM	075887109	249	3,161	SH			X
BECTON DICKINSON & CO	COM	075887109	2,793	35,418	SH		X	
BECTON DICKINSON & CO	COM	075887109	10,642	134,945	SH		X	
BELDEN INC	COM	077454106	76	3,480	SH			X
BELDEN INC	COM	077454106	577	26,313	SH		X	
BEMIS INC	COM	081437105	138	4,660	SH			X
BEMIS INC	COM	081437105	405	13,645	SH		X	
BEMIS INC	COM	081437105	1,557	52,503	SH		X	
BERKLEY W R CORP	COM	084423102	143	5,809	SH			X
BERKLEY W R CORP	COM	084423102	285	11,570	SH		X	
BERKSHIRE HATHAWAY INC	CL A	084670108	694	7	SH		X	
BERKSHIRE HATHAWAY INC	CL A	084670108	992	10	SH			X
BERKSHIRE HATHAWAY INC	CL B	084670207	3	1	SH		X	
BERKSHIRE HATHAWAY INC	CL B	084670207	10	3	SH			X
BERKSHIRE HATHAWAY INC	CL B	084670207	1,429	435	SH			X
BERKSHIRE HATHAWAY INC	CL B	084670207	5,182	1,577	SH		X	
BEST BUY INC	COM	086516101	149	3,772	SH			X
BEST BUY INC	COM	086516101	612	15,503	SH		X	
BEST BUY INC	COM	086516101	11,692	296,289	SH		X	
BHP BILLITON LTD	SPON ADR	088606108	228	2,975	SH			X
BHP BILLITON LTD	SPON ADR	088606108	2,108	27,524	SH			X
BHP BILLITON LTD	SPON ADR	088606108	2,990	39,042	SH		X	
BHP BILLITON LTD	SPON ADR	088606108	3,506	45,787	SH		X	
BIG LOTS INC	COM	089302103	12	398	SH			X
BIG LOTS INC	COM	089302103	1,616	55,759	SH		X	
BIG LOTS INC	COM	089302103	6,503	224,400	SH		X	
BIO RAD LABS INC	CL A	090572207	58	605	SH			X
BIO RAD LABS INC	CL A	090572207	384	3,976	SH		X	
BLOCK H & R INC	COM	093671105	59	2,623	SH			X
BLOCK H & R INC	COM	093671105	212	9,362	SH		X	
BLUE CHIP VALUE FD INC	COM	095333100	32	10,300	SH		X	
BOB EVANS FARMS INC	COM	096761101	56	1,920	SH			X
BOB EVANS FARMS INC	COM	096761101	188	6,504	SH		X	
BOEING CO	COM	097023105	24	450	SH			X
BOEING CO	COM	097023105	472	8,725	SH		X	
BOEING CO	COM	097023105	943	17,430	SH			X
BOEING CO	COM	097023105	6,435	118,882	SH		X	
BOEING CO	COM	097023105	14,803	273,477	SH		X	
BORGWARNER INC	COM	099724106	42	1,253	SH			X
BORGWARNER INC	COM	099724106	555	16,706	SH		X	
BOSTON SCIENTIFIC CORP	COM	101137107	126	14,041	SH		X	
BRADY CORP	CL A	104674106	120	3,984	SH		X	
BRADY CORP	CL A	104674106	1,063	35,437	SH			X
BRANDYWINE RLTY TR	SH BEN INT	105368203	46	4,027	SH			X
BRANDYWINE RLTY TR	SH BEN INT	105368203	95	8,340	SH		X	
BRIGGS & STRATTON CORP	COM	109043109	161	8,621	SH		X	
BRIGGS & STRATTON CORP	COM	109043109	283	15,100	SH			X
BRIGHTPOINT INC	COM NEW	109473405	13	1,737	SH			X
BRIGHTPOINT INC	COM NEW	109473405	416	56,546	SH		X	
BRIGHTPOINT INC	COM NEW	109473405	1,541	209,700	SH		X	
BRINKER INTL INC	COM	109641100	3	225	SH		X	
BRINKER INTL INC	COM	109641100	46	3,059	SH		X	
BRINKER INTL INC	COM	109641100	2,238	150,000	SH		X	
BRINKS CO	COM	109696104	41	1,672	SH			X
BRINKS CO	COM	109696104	255	10,468	SH		X	
BRINKS HOME SEC HLDGS	COM	109699108	38	1,172	SH			X
BRINKS HOME SEC HLDGS	COM	109699108	197	6,038	SH		X	
BRISTOL MYERS SQUIBB CO	COM	110122108	83	3,300	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

BRISTOL MYERS SQUIBB CO	COM	110122108	889	35,213	SH			X	
BRISTOL MYERS SQUIBB CO	COM	110122108	1,258	49,808	SH				X
BRISTOL MYERS SQUIBB CO	COM	110122108	3,773	149,431	SH			X	
BRISTOL MYERS SQUIBB CO	COM	110122108	7,359	291,483	SH			X	
BRISTOW GROUP INC	COM	110394103	138	3,602	SH				X
BRISTOW GROUP INC	COM	110394103	229	5,960	SH			X	
BRITISH AMERN TOB PLC	SPON ADR	110448107	101	1,559	SH				X
BRITISH AMERN TOB PLC	SPON ADR	110448107	238	3,680	SH			X	
BROADCOM CORP	CL A	111320107	224	7,107	SH				X
BROADCOM CORP	CL A	111320107	942	29,918	SH			X	
BROADCOM CORP	CL A	111320107	15,414	489,800	SH			X	
BROWN FORMAN CORP	CL B	115637209	111	2,081	SH			X	
BROWN FORMAN CORP	CL B	115637209	127	2,372	SH				X
BRUNSWICK CORP	COM	117043109	60	4,750	SH				X
BRUNSWICK CORP	COM	117043109	216	17,010	SH			X	
BUCYRUS INTL INC NEW	COM	118759109	54	963	SH				X
BUCYRUS INTL INC NEW	COM	118759109	228	4,037	SH			X	
BUCYRUS INTL INC NEW	COM	118759109	4,194	74,400	SH			X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
C&D TECHNOLOGIES INC	COM	124661109	52	33,500	SH		X	
CBS CORP NEW	CL A	124857103	6	400	SH		X	
CBS CORP NEW	CL B	124857202	11	779	SH			X
CBS CORP NEW	CL B	124857202	298	21,211	SH		X	
C D I CORP	COM	125071100	30	2,330	SH			X
C D I CORP	COM	125071100	101	7,820	SH		X	
CIGNA CORP	COM	125509109	100	2,835	SH			X
CIGNA CORP	COM	125509109	2,104	59,659	SH		X	
CIGNA CORP	COM	125509109	4,321	122,495	SH		X	
CMS ENERGY CORP	COM	125896100	9	553	SH			X
CMS ENERGY CORP	COM	125896100	1,153	73,592	SH		X	
CMS ENERGY CORP	COM	125896100	3,067	195,857	SH		X	
CSX CORP	COM	126408103	44	900	SH		X	
CSX CORP	COM	126408103	176	3,636	SH			X
CSX CORP	COM	126408103	791	16,322	SH		X	
CSX CORP	COM	126408103	13,883	286,300	SH		X	
CVS CAREMARK CORP	COM	126650100	2,345	72,792	SH			X
CVS CAREMARK CORP	COM	126650100	2,670	82,879	SH		X	
CVS CAREMARK CORP	COM	126650100	3,656	113,490	SH		X	
CAMPBELL SOUP CO	COM	134429109	34	1,000	SH		X	
CAMPBELL SOUP CO	COM	134429109	65	1,910	SH			X
CAMPBELL SOUP CO	COM	134429109	341	10,089	SH		X	
CANON INC	ADR	138006309	144	3,398	SH			X
CANON INC	ADR	138006309	459	10,837	SH		X	
CAREER EDUCATION CORP	COM	141665109	2	65	SH			X
CAREER EDUCATION CORP	COM	141665109	332	14,222	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

CARLISLE COS INC	COM	142339100	134	3,925	SH			X
CARLISLE COS INC	COM	142339100	572	16,714	SH		X	
CARLISLE COS INC	COM	142339100	2,361	68,900	SH		X	
CARNIVAL CORP	PAIRED CTF	143658300	142	4,489	SH		X	
CARNIVAL CORP	PAIRED CTF	143658300	238	7,513	SH			X
CARNIVAL CORP	PAIRED CTF	143658300	5,802	183,100	SH		X	
CASEYS GEN STORES INC	COM	147528103	69	2,150	SH			X
CASEYS GEN STORES INC	COM	147528103	132	4,143	SH		X	
CATERPILLAR INC DEL	COM	149123101	172	3,025	SH		X	
CATERPILLAR INC DEL	COM	149123101	3,917	68,733	SH			X
CATERPILLAR INC DEL	COM	149123101	9,845	172,748	SH		X	
CATERPILLAR INC DEL	COM	149123101	11,838	207,712	SH		X	
CELGENE CORP	COM	151020104	90	1,625	SH		X	
CELGENE CORP	COM	151020104	1,744	31,322	SH			X
CELGENE CORP	COM	151020104	11,334	203,563	SH		X	
CELGENE CORP	COM	151020104	11,403	204,782	SH		X	
CENTRAL SECS CORP	COM	155123102	212	11,816	SH		X	
CENTURYTEL INC	COM	156700106	95	2,615	SH			X
CENTURYTEL INC	COM	156700106	3,729	102,975	SH		X	
CENTURYTEL INC	COM	156700106	3,867	106,786	SH		X	
CERNER CORP	COM	156782104	2	26	SH			X
CERNER CORP	COM	156782104	487	5,910	SH		X	
CERNER CORP	COM	156782104	4,856	58,900	SH		X	
CHECKPOINT SYS INC	COM	162825103	406	26,625	SH		X	
CHEESECAKE FACTORY INC	COM	163072101	33	1,518	SH		X	
CHEVRON CORP NEW	COM	166764100	64	825	SH			X
CHEVRON CORP NEW	COM	166764100	246	3,200	SH		X	
CHEVRON CORP NEW	COM	166764100	5,880	76,370	SH			X
CHEVRON CORP NEW	COM	166764100	21,706	281,930	SH		X	
CHEVRON CORP NEW	COM	166764100	43,247	561,725	SH		X	
CHICOS FAS INC	COM	168615102	27	1,900	SH			X
CHICOS FAS INC	COM	168615102	143	10,170	SH		X	
CHICOS FAS INC	COM	168615102	2,109	150,100	SH		X	
CHINA DIRECT INDS INC	COM NEW	169384203	520	440,732	SH		X	
CHINA DIRECT INDS INC	COM NEW	169384203	1,985	1,681,900	SH		X	
CHIPOTLE MEX GRILL INC	CL A	169656105	3	37	SH			X
CHIPOTLE MEX GRILL INC	CL A	169656105	106	1,208	SH		X	
CHIPOTLE MEX GRILL INC	CL A	169656105	2,997	34,000	SH		X	
CHUBB CORP	COM	171232101	5	100	SH			X
CHUBB CORP	COM	171232101	224	4,561	SH			X
CHUBB CORP	COM	171232101	2,256	45,871	SH		X	
CHUBB CORP	COM	171232101	6,816	138,600	SH		X	
CHURCH & DWIGHT INC	COM	171340102	4	59	SH			X
CHURCH & DWIGHT INC	COM	171340102	334	5,529	SH		X	
CIENA CORP	COM NEW	171779309	1	85	SH		X	
CIENA CORP	COM NEW	171779309	291	26,802	SH		X	
CIMAREX ENERGY CO	COM	171798101	2	32	SH			X
CIMAREX ENERGY CO	COM	171798101	187	3,534	SH		X	
CIMAREX ENERGY CO	COM	171798101	1,854	34,995	SH		X	
CINCINNATI FINL CORP	COM	172062101	29	1,088	SH			X
CINCINNATI FINL CORP	COM	172062101	143	5,445	SH		X	
CINCINNATI FINL CORP	COM	172062101	2,304	87,796	SH		X	
CIRRUS LOGIC INC	COM	172755100	799	117,239	SH		X	
CIRRUS LOGIC INC	COM	172755100	2,664	390,600	SH		X	
CINTAS CORP	COM	172908105	379	14,523	SH			X
CINTAS CORP	COM	172908105	2,395	91,883	SH		X	
CINTAS CORP	COM	172908105	2,656	101,866	SH		X	
CITIGROUP INC	COM	172967101	97	29,167	SH			X
CITIGROUP INC	COM	172967101	910	275,000	SH	CALL	X	
CITIGROUP INC	COM	172967101	2,099	634,022	SH		X	
CITIGROUP INC	COM	172967101	8,042	2,429,700	SH		X	
CITRIX SYS INC	COM	177376100	15	352	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

CITRIX SYS INC	COM	177376100	1,058	25,425	SH		X	
CITY NATL CORP	COM	178566105	70	1,543	SH		X	
CITY NATL CORP	COM	178566105	160	3,503	SH			X
CLARCOR INC	COM	179895107	73	2,257	SH		X	
CLARCOR INC	COM	179895107	478	14,750	SH			X
CLARIENT INC	COM	180489106	712	268,497	SH		X	
CLARIENT INC	COM	180489106	2,765	1,043,500	SH		X	
CLOROX CO DEL	COM	189054109	55	900	SH		X	
CLOROX CO DEL	COM	189054109	94	1,540	SH		X	
CLOROX CO DEL	COM	189054109	552	9,046	SH			X
CLOROX CO DEL	COM	189054109	2,726	44,681	SH		X	
COACH INC	COM	189754104	622	17,026	SH			X
COACH INC	COM	189754104	1,314	35,972	SH		X	
COACH INC	COM	189754104	4,788	131,060	SH		X	
COCA COLA CO	COM	191216100	100	1,750	SH			X
COCA COLA CO	COM	191216100	1,005	17,633	SH		X	
COCA COLA CO	COM	191216100	4,123	72,342	SH			X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
COCA COLA CO	COM	191216100	25,123	440,762	SH		X	
COCA COLA CO	COM	191216100	29,569	518,762	SH		X	
COCA COLA ENT INC	COM	191219104	21	1,000	SH			X
COCA COLA ENT INC	COM	191219104	435	20,551	SH		X	
COCA COLA ENT INC	COM	191219104	996	46,970	SH		X	
COGNEX CORP	COM	192422103	8	445	SH			X
COGNEX CORP	COM	192422103	182	10,255	SH		X	
COGNIZANT TECH SOLUTIO	CL A	192446102	417	9,202	SH			X
COGNIZANT TECH SOLUTIO	CL A	192446102	2,187	48,233	SH		X	
COGNIZANT TECH SOLUTIO	CL A	192446102	2,298	50,700	SH		X	
COLGATE PALMOLIVE CO	COM	194162103	4	50	SH		X	
COLGATE PALMOLIVE CO	COM	194162103	8	100	SH			X
COLGATE PALMOLIVE CO	COM	194162103	2,934	35,716	SH			X
COLGATE PALMOLIVE CO	COM	194162103	10,408	126,689	SH		X	
COLGATE PALMOLIVE CO	COM	194162103	13,345	162,450	SH		X	
COMERICA INC	COM	200340107	31	1,035	SH			X
COMERICA INC	COM	200340107	570	19,284	SH		X	
COMMERCE BANCSHARES INC	COM	200525103	1,759	45,418	SH			X
COMMERCE BANCSHARES INC	COM	200525103	2,482	64,097	SH		X	
COMMERCIAL METALS CO	COM	201723103	1	95	SH			X
COMMERCIAL METALS CO	COM	201723103	168	10,727	SH		X	
COMMERCIAL METALS CO	COM	201723103	575	36,720	SH		X	
COMMUNITY HEALTH SYSINC	COM	203668108	8	213	SH			X
COMMUNITY HEALTH SYSINC	COM	203668108	184	5,174	SH		X	
COMMUNITY HEALTH SYSINC	COM	203668108	1,823	51,200	SH		X	
COMPUTER SCIENCES CORP	COM	205363104	58	1,005	SH			X
COMPUTER SCIENCES CORP	COM	205363104	1,221	21,225	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

COMPUTER SCIENCES CORP	COM	205363104	3,356	58,330	SH		X	
COMPUWARE CORP	COM	205638109	5	642	SH			X
COMPUWARE CORP	COM	205638109	186	25,706	SH		X	
CONAGRA FOODS INC	COM	205887102	7	300	SH		X	
CONAGRA FOODS INC	COM	205887102	88	3,835	SH			X
CONAGRA FOODS INC	COM	205887102	1,098	47,623	SH		X	
CONAGRA FOODS INC	COM	205887102	3,892	168,815	SH		X	
CON-WAY INC	COM	205944101	4,996	143,100	SH		X	
CONEXANT SYSTEMS INC	COM NEW	207142308	481	207,393	SH		X	
CONEXANT SYSTEMS INC	COM NEW	207142308	1,858	800,800	SH		X	
CONSECO INC	COM NEW	208464883	207	41,320	SH		X	
CONSOLIDATED EDISON INC	COM	209115104	168	3,692	SH			X
CONSOLIDATED EDISON INC	COM	209115104	177	3,905	SH		X	
CONSOLIDATED EDISON INC	COM	209115104	3,369	74,163	SH		X	
CONSTELLATION ENRGY GR1	COM	210371100	6	160	SH			X
CONSTELLATION ENRGY GR1	COM	210371100	378	10,758	SH		X	
CONTINENTAL AIRLS INC	CL B	210795308	5,546	309,500	SH		X	
CONVERGYS CORP	COM	212485106	11	1,003	SH			X
CONVERGYS CORP	COM	212485106	365	33,970	SH		X	
COOPER COS INC	COM NEW	216648402	194	5,086	SH		X	
COOPER COS INC	COM NEW	216648402	41	1,070	SH			X
COPANO ENERGY L L C	COM UNITS	217202100	20	830	SH		X	
COPANO ENERGY L L C	COM UNITS	217202100	311	13,000	SH			X
COPART INC	COM	217204106	1	34	SH			X
COPART INC	COM	217204106	243	6,647	SH		X	
CORINTHIAN COLLEGES INC	COM	218868107	253	18,347	SH		X	
CORNING INC	COM	219350105	4	200	SH		X	
CORNING INC	COM	219350105	208	10,796	SH			X
CORNING INC	COM	219350105	3,083	159,636	SH		X	
CORNING INC	COM	219350105	12,957	671,000	SH		X	
COVANCE INC	COM	222816100	169	3,104	SH			X
COVANCE INC	COM	222816100	480	8,789	SH		X	
COVENTRY HLTH CARE INC	COM	222862104	19	798	SH			X
COVENTRY HLTH CARE INC	COM	222862104	657	27,039	SH		X	
CROWN CASTLE INTL CORP	COM	228227104	14	377	SH		X	
CROWN CASTLE INTL CORP	COM	228227104	2,210	56,600	SH		X	
CROWN HOLDINGS INC	COM	228368106	895	35,000	SH		X	
CUMMINS INC	COM	231021106	31	683	SH			X
CUMMINS INC	COM	231021106	733	15,983	SH		X	
CYPRESS SEMICOND CORP	COM	232806109	7	669	SH			X
CYPRESS SEMICOND CORP	COM	232806109	817	77,335	SH		X	
CYPRESS SEMICOND CORP	COM	232806109	4,787	453,300	SH		X	
DST SYS INC DEL	COM	233326107	111	2,550	SH			X
DST SYS INC DEL	COM	233326107	204	4,685	SH		X	
DTE ENERGY CO	COM	233331107	46	1,059	SH			X
DTE ENERGY CO	COM	233331107	91	2,085	SH		X	
DTE ENERGY CO	COM	233331107	2,283	52,381	SH		X	
DANAHER CORP DEL	COM	235851102	130	1,725	SH			X
DANAHER CORP DEL	COM	235851102	617	8,199	SH			X
DANAHER CORP DEL	COM	235851102	1,554	20,662	SH		X	
DANAHER CORP DEL	COM	235851102	3,601	47,888	SH		X	
DARDEN RESTAURANTS INC	COM	237194105	5	155	SH			X
DARDEN RESTAURANTS INC	COM	237194105	203	5,794	SH		X	
DARDEN RESTAURANTS INC	COM	237194105	5,797	165,300	SH		X	
DEAN FOODS CO NEW	COM	242370104	5	289	SH			X
DEAN FOODS CO NEW	COM	242370104	23	1,300	SH		X	
DEAN FOODS CO NEW	COM	242370104	529	29,321	SH		X	
DEERE & CO	COM	244199105	27	500	SH		X	
DEERE & CO	COM	244199105	374	6,922	SH			X
DEERE & CO	COM	244199105	1,827	33,768	SH		X	
DEERE & CO	COM	244199105	7,241	133,870	SH		X	
DELTA AIR LINES INC DEL	COM NEW	247361702	57	5,040	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

DELTA AIR LINES INC DEL	COM NEW	247361702	92	8,074	SH		X	
DENTSPLY INTL INC NEW	COM	249030107	258	7,330	SH			X
DENTSPLY INTL INC NEW	COM	249030107	2,335	66,407	SH		X	
DENTSPLY INTL INC NEW	COM	249030107	2,422	68,871	SH		X	
DEVRY INC DEL	COM	251893103	522	9,199	SH		X	
DEXCOM INC	COM	252131107	619	76,739	SH		X	
DEXCOM INC	COM	252131107	2,352	291,400	SH		X	
DIAMONDROCK HOSPITALITY	COM	252784301	39	4,620	SH			X
DIAMONDROCK HOSPITALITY	COM	252784301	149	17,645	SH		X	
DIAMONDS TR	UNIT SER 1	252787106	102	980	SH			X
DIAMONDS TR	UNIT SER 1	252787106	6,506	62,513	SH		X	
DICKS SPORTING GOODS IN	COM	253393102	332	13,351	SH		X	
DISNEY WALT CO	COM	254687106	794	24,605	SH			X
DISNEY WALT CO	COM	254687106	5,724	177,484	SH		X	
DISNEY WALT CO	COM	254687106	12,723	394,500	SH		X	
DISCOVER FINL SVCS	COM	254709108	20	1,353	SH			X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
DISCOVER FINL SVCS	COM	254709108	1,314	89,314	SH		X	
DISCOVER FINL SVCS	COM	254709108	5,694	387,073	SH		X	
DOLLAR GEN CORP NEW	COM	256677105	1,122	50,000	SH		X	
DOLLAR TREE INC	COM	256746108	136	2,809	SH			X
DOLLAR TREE INC	COM	256746108	142	2,940	SH		X	
DOLLAR TREE INC	COM	256746108	2,613	54,100	SH		X	
DONALDSON INC	COM	257651109	1	27	SH			X
DONALDSON INC	COM	257651109	211	4,951	SH		X	
DONNELLEY R R & SONS CO	COM	257867101	17	758	SH			X
DONNELLEY R R & SONS CO	COM	257867101	975	43,800	SH		X	
DONNELLEY R R & SONS CO	COM	257867101	1,639	73,577	SH		X	
DOVER CORP	COM	260003108	219	5,254	SH			X
DOVER CORP	COM	260003108	505	12,126	SH		X	
DOVER CORP	COM	260003108	1,889	45,400	SH		X	
DOW CHEM CO	COM	260543103	23	850	SH		X	
DOW CHEM CO	COM	260543103	35	1,250	SH			X
DOW CHEM CO	COM	260543103	357	12,933	SH			X
DOW CHEM CO	COM	260543103	1,891	68,425	SH		X	
DOW CHEM CO	COM	260543103	9,425	341,100	SH		X	
DRESSER-RAND GROUP INC	COM	261608103	145	4,600	SH			X
DRESSER-RAND GROUP INC	COM	261608103	257	8,150	SH		X	
DRESSER-RAND GROUP INC	COM	261608103	1,897	60,000	SH		X	
DUPONT EIDE NEMOURS&CO	COM	263534109	67	2,000	SH			X
DUPONT EIDE NEMOURS&CO	COM	263534109	684	20,310	SH			X
DUPONT EIDE NEMOURS&CO	COM	263534109	843	25,033	SH		X	
DUPONT EIDE NEMOURS&CO	COM	263534109	3,488	103,582	SH		X	
DUPONT EIDE NEMOURS&CO	COM	263534109	12,861	381,974	SH		X	
DUKE REALTY CORP	COM NEW	264411505	40	3,275	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

DUKE REALTY CORP	COM NEW	264411505	268	22,052	SH		X	
E M C CORP MASS	COM	268648102	105	6,026	SH			X
E M C CORP MASS	COM	268648102	1,458	83,439	SH		X	
E M C CORP MASS	COM	268648102	15,287	875,060	SH		X	
EASTMAN CHEM CO	COM	277432100	3	56	SH		X	
EASTMAN CHEM CO	COM	277432100	27	455	SH			X
EASTMAN CHEM CO	COM	277432100	617	10,241	SH		X	
EASTMAN KODAK CO	COM	277461109	3	750	SH			X
EASTMAN KODAK CO	COM	277461109	10	2,400	SH		X	
EASTMAN KODAK CO	COM	277461109	65	15,399	SH		X	
EATON CORP	COM	278058102	366	5,750	SH			X
EATON CORP	COM	278058102	2,350	36,932	SH		X	
EATON CORP	COM	278058102	9,924	155,993	SH		X	
EATON VANCE CORP	COM NONVTG	278265103	420	13,826	SH			X
EATON VANCE CORP	COM NONVTG	278265103	1,566	51,507	SH		X	
EATON VANCE ENEQ INC FD	COM	278277108	32	2,250	SH			X
EATON VANCE ENEQ INC FD	COM	278277108	2,830	197,645	SH		X	
EBAY INC	COM	278642103	116	4,927	SH			X
EBAY INC	COM	278642103	490	20,812	SH		X	
EBAY INC	COM	278642103	6,838	290,600	SH		X	
EBIX INC	COM NEW	278715206	2,845	58,277	SH		X	
EBIX INC	COM NEW	278715206	17,462	357,600	SH		X	
ECOLAB INC	COM	278865100	204	4,573	SH			X
ECOLAB INC	COM	278865100	1,069	23,996	SH		X	
ECOLAB INC	COM	278865100	1,779	39,900	SH		X	
EDISON INTL	COM	281020107	107	3,065	SH			X
EDISON INTL	COM	281020107	1,440	41,393	SH		X	
EDISON INTL	COM	281020107	5,558	159,798	SH		X	
ELAN PLC	ADR	284131208	209	32,000	SH		X	
ELECTRONIC ARTS INC	COM	285512109	126	7,123	SH		X	
ELECTRONIC ARTS INC	COM	285512109	185	10,450	SH			X
ELECTRONIC ARTS INC	COM	285512109	2,894	163,024	SH		X	
ELECTRONICS FOR IMAGING	COM	286082102	160	12,300	SH		X	
EMERITUS CORP	COM	291005106	541	28,820	SH		X	
EMERITUS CORP	COM	291005106	2,098	111,900	SH		X	
EMERSON ELEC CO	COM	291011104	68	1,600	SH			X
EMERSON ELEC CO	COM	291011104	672	15,775	SH		X	
EMERSON ELEC CO	COM	291011104	6,906	162,110	SH			X
EMERSON ELEC CO	COM	291011104	14,846	348,500	SH		X	
EMERSON ELEC CO	COM	291011104	17,691	415,280	SH		X	
EMPLOYERS HOLDINGS INC	COM	292218104	161	10,505	SH		X	
ENCANA CORP	COM	292505104	22	692	SH		X	
ENCANA CORP	COM	292505104	295	9,096	SH			X
ENERGYSOLUTIONS INC	COM	292756202	25	2,930	SH			X
ENERGYSOLUTIONS INC	COM	292756202	71	8,345	SH		X	
ENNIS INC	COM	293389102	104	6,200	SH			X
ENNIS INC	COM	293389102	119	7,095	SH		X	
ENTERPRISE GP HLDGS L P	UT LP INT	293716106	93	2,381	SH		X	
ENTERPRISE GP HLDGS L P	UT LP INT	293716106	974	25,000	SH			X
ENTERPRISE PRODS PRT L	COM	293792107	739	23,521	SH		X	
EQUIFAX INC	COM	294429105	13	429	SH			X
EQUIFAX INC	COM	294429105	200	6,463	SH		X	
ERICSSON L M TEL CO	ADRBSEK 10	294821608	111	12,099	SH			X
ERICSSON L M TEL CO	ADRBSEK 10	294821608	333	36,236	SH		X	
ETHAN ALLEN INTERIORS	COM	297602104	1,972	146,930	SH		X	
EURONET WORLDWIDE INC	COM	298736109	656	29,900	SH		X	
EXPEDITORS INTL WASH	COM	302130109	385	11,069	SH			X
EXPEDITORS INTL WASH	COM	302130109	514	14,773	SH		X	
EXPRESS SCRIPTS INC	COM	302182100	401	4,643	SH			X
EXPRESS SCRIPTS INC	COM	302182100	857	9,911	SH		X	
EXPRESS SCRIPTS INC	COM	302182100	13,464	155,800	SH		X	
FLIR SYS INC	COM	302445101	17	530	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

FLIR SYS INC	COM	302445101	343	10,472	SH		X	
FNB CORP PA	COM	302520101	140	20,584	SH		X	
FPL GROUP INC	COM	302571104	37	700	SH		X	
FPL GROUP INC	COM	302571104	511	9,683	SH			X
FPL GROUP INC	COM	302571104	1,910	36,157	SH		X	
FTI CONSULTING INC	COM	302941109	11	225	SH			X
FTI CONSULTING INC	COM	302941109	221	4,694	SH		X	
FACTSET RESH SYS INC	COM	303075105	5	73	SH			X
FACTSET RESH SYS INC	COM	303075105	258	3,912	SH		X	
FAMILY DLR STORES INC	COM	307000109	176	6,333	SH			X
FAMILY DLR STORES INC	COM	307000109	195	7,000	SH		X	
FAMILY DLR STORES INC	COM	307000109	334	11,986	SH		X	
FASTENAL CO	COM	311900104	1	30	SH			X
FASTENAL CO	COM	311900104	678	16,284	SH		X	
FEDERAL HOME LN MTGCORP	COM	313400301	8	5,700	SH		X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
FEDERAL NATL MTG ASSN	COM	313586109	9	7,800	SH		X	
FEDERATED INVS INC PA	CL B	314211103	94	3,410	SH		X	
FEDERATED INVS INC PA	CL B	314211103	161	5,872	SH			X
FEDERATED INVS INC PA	CL B	314211103	921	33,491	SH		X	
FIFTH THIRD BANCORP	COM	316773100	1,035	106,149	SH		X	
FIFTH THIRD BANCORP	COM	316773100	3,643	373,637	SH		X	
FINISH LINE INC	CL A	317923100	44	3,475	SH			X
FINISH LINE INC	CL A	317923100	102	8,165	SH		X	
FIRST CAPITAL BANC VA	COM	319438107	91	19,000	SH		X	
1ST SOURCE CORP	COM	336901103	506	31,439	SH			X
FISERV INC	COM	337738108	168	3,467	SH			X
FISERV INC	COM	337738108	1,124	23,192	SH		X	
FIRSTENERGY CORP	COM	337932107	25	531	SH			X
FIRSTENERGY CORP	COM	337932107	1,079	23,220	SH		X	
FIRSTENERGY CORP	COM	337932107	2,118	45,597	SH		X	
FLUOR CORP NEW	COM	343412102	83	1,841	SH			X
FLUOR CORP NEW	COM	343412102	139	3,096	SH		X	
FLUOR CORP NEW	COM	343412102	5,013	111,300	SH		X	
FLOWERS FOODS INC	COM	343498101	7	300	SH			X
FLOWERS FOODS INC	COM	343498101	252	10,586	SH		X	
FOOT LOCKER INC	COM	344849104	42	3,780	SH			X
FOOT LOCKER INC	COM	344849104	181	16,261	SH		X	
FORD MTR CO DEL	COMPAR\$0.01	345370860	10	1,000	SH		X	
FORD MTR CO DEL	COMPAR\$0.01	345370860	91	9,096	SH			X
FORD MTR CO DEL	COMPAR\$0.01	345370860	1,330	133,018	SH		X	
FORD MTR CO DEL	COMPAR\$0.01	345370860	2,525	252,518	SH		X	
FOREST LABS INC	COM	345838106	340	10,590	SH			X
FOREST LABS INC	COM	345838106	688	21,420	SH		X	
FOREST LABS INC	COM	345838106	1,848	57,565	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

FORTUNE BRANDS INC	COM	349631101	9	200	SH		X	
FORTUNE BRANDS INC	COM	349631101	401	9,290	SH		X	
FORTUNE BRANDS INC	COM	349631101	403	9,324	SH			X
FRANKLIN RES INC	COM	354613101	271	2,571	SH			X
FRANKLIN RES INC	COM	354613101	804	7,630	SH		X	
FRESENIUS MEDCRAG&COKGA	SPON ADR	358029106	110	2,071	SH			X
FRESENIUS MEDCRAG&COKGA	SPON ADR	358029106	333	6,276	SH		X	
GABELLI EQUITY TR INC	COM	362397101	83	16,385	SH		X	
GALLAGHER ARTHUR J & CO	COM	363576109	145	6,450	SH			X
GALLAGHER ARTHUR J & CO	COM	363576109	348	15,462	SH		X	
GANNETT INC	COM	364730101	46	3,108	SH			X
GANNETT INC	COM	364730101	443	29,850	SH		X	
GAP INC DEL	COM	364760108	194	9,282	SH			X
GAP INC DEL	COM	364760108	1,240	59,184	SH		X	
GAP INC DEL	COM	364760108	5,995	286,164	SH		X	
GARTNER INC	COM	366651107	103	5,687	SH			X
GARTNER INC	COM	366651107	316	17,524	SH		X	
GENERAL COMMUNIC INC	CL A	369385109	209	32,781	SH		X	
GENERAL DYNAMICS CORP	COM	369550108	496	7,273	SH			X
GENERAL DYNAMICS CORP	COM	369550108	2,502	36,701	SH		X	
GENERAL DYNAMICS CORP	COM	369550108	3,359	49,275	SH		X	
GENERAL ELECTRIC CO	COM	369604103	19	1,250	SH			X
GENERAL ELECTRIC CO	COM	369604103	240	15,847	SH		X	
GENERAL ELECTRIC CO	COM	369604103	5,897	389,783	SH			X
GENERAL ELECTRIC CO	COM	369604103	20,987	1,387,109	SH		X	
GENERAL ELECTRIC CO	COM	369604103	38,002	2,511,732	SH		X	
GENERAL MLS INC	COM	370334104	7	100	SH		X	
GENERAL MLS INC	COM	370334104	1,054	14,890	SH			X
GENERAL MLS INC	COM	370334104	4,229	59,721	SH		X	
GENERAL MLS INC	COM	370334104	9,884	139,585	SH		X	
GENUINE PARTS CO	COM	372460105	109	2,880	SH		X	
GENUINE PARTS CO	COM	372460105	112	2,954	SH			X
GENUINE PARTS CO	COM	372460105	1,229	32,380	SH		X	
GILEAD SCIENCES INC	COM	375558103	184	4,250	SH			X
GILEAD SCIENCES INC	COM	375558103	906	20,946	SH			X
GILEAD SCIENCES INC	COM	375558103	1,854	42,850	SH		X	
GILEAD SCIENCES INC	COM	375558103	6,073	140,358	SH		X	
GILEAD SCIENCES INC	COM	375558103	16,241	375,330	SH		X	
GOODRICH CORP	COM	382388106	13	199	SH			X
GOODRICH CORP	COM	382388106	411	6,404	SH		X	
GOODYEAR TIRE & RUBR CO	COM	382550101	3	190	SH			X
GOODYEAR TIRE & RUBR CO	COM	382550101	198	14,077	SH		X	
GRACO INC	COM	384109104	82	2,855	SH			X
GRACO INC	COM	384109104	175	6,132	SH		X	
GRAINGER W W INC	COM	384802104	36	375	SH			X
GRAINGER W W INC	COM	384802104	334	3,450	SH		X	
GRAINGER W W INC	COM	384802104	381	3,935	SH			X
GRAINGER W W INC	COM	384802104	1,535	15,853	SH		X	
GRAINGER W W INC	COM	384802104	4,619	47,700	SH		X	
GREAT FL BK MIAMI LAKES	CL A	390528107	10	13,700	SH		X	
GREENHILL & CO INC	COM	395259104	15	192	SH			X
GREENHILL & CO INC	COM	395259104	1,589	19,801	SH		X	
GROUP 1 AUTOMOTIVE INC	COM	398905109	71	2,500	SH			X
GROUP 1 AUTOMOTIVE INC	COM	398905109	187	6,597	SH		X	
GUESS INC	COM	401617105	95	2,240	SH			X
GUESS INC	COM	401617105	188	4,446	SH		X	
HSBC HLDGS PLC	SP ADR NEW	404280406	764	13,376	SH		X	
HSBC HLDGS PLC	SP ADR NEW	404280406	821	14,375	SH			X
HAEMONETICS CORP	COM	405024100	1	20	SH			X
HAEMONETICS CORP	COM	405024100	488	8,855	SH		X	
HAEMONETICS CORP	COM	405024100	1,666	30,200	SH		X	
HALLIBURTON CO	COM	406216101	220	7,305	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

HALLIBURTON CO	COM	406216101	1,684	55,940	SH			X	
HALLIBURTON CO	COM	406216101	15,542	516,520	SH			X	
HANOVER INS GROUP INC	COM	410867105	660	14,860	SH			X	
HANOVER INS GROUP INC	COM	410867105	2,530	56,942	SH			X	
HANSEN NAT CORP	COM	411310105	80	2,087	SH				X
HANSEN NAT CORP	COM	411310105	2,188	56,977	SH			X	
HARLEY DAVIDSON INC	COM	412822108	143	5,690	SH				X
HARLEY DAVIDSON INC	COM	412822108	956	37,948	SH			X	
HARMAN INTL INDS INC	COM	413086109	17	483	SH				X
HARMAN INTL INDS INC	COM	413086109	263	7,446	SH			X	
HARRIS CORP DEL	COM	413875105	32	683	SH				X
HARRIS CORP DEL	COM	413875105	2,207	46,415	SH			X	
HARTE-HANKS INC	COM	416196103	106	9,875	SH				X
HARTE-HANKS INC	COM	416196103	203	18,796	SH			X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
HARTFORD FINLSVCS GR IN	COM	416515104	7	300	SH			X
HARTFORD FINLSVCS GR IN	COM	416515104	109	4,671	SH			X
HARTFORD FINLSVCS GR IN	COM	416515104	644	27,654	SH		X	
HARTFORD FINLSVCS GR IN	COM	416515104	1,011	43,480	SH		X	
HASBRO INC	COM	418056107	22	676	SH			X
HASBRO INC	COM	418056107	212	6,599	SH		X	
HEALTHCARE SVCS GRP INC	COM	421906108	58	2,705	SH			X
HEALTHCARE SVCS GRP INC	COM	421906108	725	33,789	SH		X	
HEALTHCARE SVCS GRP INC	COM	421906108	2,659	123,900	SH		X	
HEALTHSOUTH CORP	COM NEW	421924309	214	11,400	SH		X	
HEALTH MGMT ASSOC INC	CL A	421933102	2	240	SH			X
HEALTH MGMT ASSOC INC	CL A	421933102	692	95,294	SH		X	
HEALTH MGMT ASSOC INC	CL A	421933102	2,326	319,900	SH		X	
HEINZ H J CO	COM	423074103	689	16,124	SH			X
HEINZ H J CO	COM	423074103	3,538	82,737	SH		X	
HEINZ H J CO	COM	423074103	7,964	186,265	SH		X	
HELMERICH & PAYNE INC	COM	423452101	2	42	SH			X
HELMERICH & PAYNE INC	COM	423452101	619	15,525	SH		X	
HELMERICH & PAYNE INC	COM	423452101	2,190	54,893	SH		X	
HENRY JACK & ASSOC INC	COM	426281101	23	1,000	SH		X	
HENRY JACK & ASSOC INC	COM	426281101	262	11,323	SH		X	
HENRY JACK & ASSOC INC	COM	426281101	472	20,400	SH		X	
HERSHEY CO	COM	427866108	9	245	SH		X	
HERSHEY CO	COM	427866108	81	2,267	SH			X
HERSHEY CO	COM	427866108	258	7,209	SH		X	
HEWLETT PACKARD CO	COM	428236103	118	2,300	SH			X
HEWLETT PACKARD CO	COM	428236103	1,487	28,865	SH		X	
HEWLETT PACKARD CO	COM	428236103	3,807	73,910	SH			X
HEWLETT PACKARD CO	COM	428236103	12,362	239,990	SH		X	
HEWLETT PACKARD CO	COM	428236103	40,281	782,013	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

HILL ROM HLDGS INC	COM	431475102	208	8,670	SH		X	
HOLLY CORP	COMPAR\$0.01	435758305	41	1,585	SH			X
HOLLY CORP	COMPAR\$0.01	435758305	160	6,229	SH		X	
HOME DEPOT INC	COM	437076102	49	1,700	SH			X
HOME DEPOT INC	COM	437076102	201	6,950	SH			X
HOME DEPOT INC	COM	437076102	447	15,450	SH		X	
HOME DEPOT INC	COM	437076102	3,137	108,430	SH		X	
HOME DEPOT INC	COM	437076102	7,236	250,110	SH		X	
HONDA MOTOR LTD	AMERN SH	438128308	128	3,788	SH			X
HONDA MOTOR LTD	AMERN SH	438128308	1,159	34,194	SH		X	
HONEYWELL INTL INC	COM	438516106	22	562	SH			X
HONEYWELL INTL INC	COM	438516106	26	675	SH		X	
HONEYWELL INTL INC	COM	438516106	467	11,910	SH			X
HONEYWELL INTL INC	COM	438516106	3,018	77,000	SH		X	
HONEYWELL INTL INC	COM	438516106	18,585	474,100	SH		X	
HORMEL FOODS CORP	COM	440452100	45	1,182	SH			X
HORMEL FOODS CORP	COM	440452100	198	5,154	SH		X	
HORMEL FOODS CORP	COM	440452100	669	17,400	SH		X	
HOSPIRA INC	COM	441060100	74	1,450	SH		X	
HOSPIRA INC	COM	441060100	149	2,929	SH			X
HOSPIRA INC	COM	441060100	229	4,496	SH		X	
HUDSON CITY BANCORP	COM	443683107	17	1,262	SH			X
HUDSON CITY BANCORP	COM	443683107	184	13,400	SH		X	
HUDSON CITY BANCORP	COM	443683107	1,256	91,447	SH		X	
HUMANA INC	COM	444859102	12	267	SH			X
HUMANA INC	COM	444859102	497	11,308	SH		X	
HUMANA INC	COM	444859102	2,426	55,265	SH		X	
HUNT J B TRANS SVCS INC	COM	445658107	143	4,418	SH			X
HUNT J B TRANS SVCS INC	COM	445658107	298	9,236	SH		X	
HUNT J B TRANS SVCS INC	COM	445658107	1,762	54,600	SH		X	
HUNTINGTON BANCSHS INC	COM	446150104	89	24,445	SH		X	
IMS HEALTH INC	COM	449934108	32	1,532	SH			X
IMS HEALTH INC	COM	449934108	560	26,569	SH		X	
ITT CORP NEW	COM	450911102	95	1,907	SH			X
ITT CORP NEW	COM	450911102	811	16,296	SH		X	
IHS INC	CL A	451734107	202	3,682	SH		X	
IHS INC	CL A	451734107	1,672	30,500	SH		X	
ILLINOIS TOOL WKS INC	COM	452308109	181	3,775	SH			X
ILLINOIS TOOL WKS INC	COM	452308109	2,037	42,450	SH			X
ILLINOIS TOOL WKS INC	COM	452308109	2,213	46,119	SH		X	
ILLINOIS TOOL WKS INC	COM	452308109	2,893	60,288	SH		X	
ILLUMINA INC	COM	452327109	1,841	60,000	SH		X	
IMPERIAL OIL LTD	COM NEW	453038408	78	2,030	SH			X
IMPERIAL OIL LTD	COM NEW	453038408	367	9,483	SH		X	
INDIA FD INC	COM	454089103	194	6,309	SH		X	
INDIA FD INC	COM	454089103	636	20,719	SH			X
INFOSYS TECHNOL LTD	SPON ADR	456788108	239	4,329	SH			X
INFOSYS TECHNOL LTD	SPON ADR	456788108	387	6,999	SH		X	
INGRAM MICRO INC	CL A	457153104	1	85	SH			X
INGRAM MICRO INC	CL A	457153104	939	53,763	SH		X	
INGRAM MICRO INC	CL A	457153104	3,481	199,482	SH		X	
INNODATA ISOGEN INC	COM NEW	457642205	1,136	205,147	SH		X	
INNODATA ISOGEN INC	COM NEW	457642205	4,406	795,300	SH		X	
INSITUFORM TECH INC	CL A	457667103	535	23,519	SH		X	
INSITUFORM TECH INC	CL A	457667103	3,160	139,100	SH		X	
INTEGRATED DEVICE TECH	COM	458118106	680	105,150	SH		X	
INTEGRATED DEVICE TECH	COM	458118106	4,504	696,100	SH		X	
INTEL CORP	COM	458140100	60	2,950	SH			X
INTEL CORP	COM	458140100	464	22,750	SH		X	
INTEL CORP	COM	458140100	2,517	123,369	SH			X
INTEL CORP	COM	458140100	23,251	1,139,751	SH		X	
INTEL CORP	COM	458140100	35,831	1,756,443	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

IBM	COM	459200101	193	1,475	SH					X
IBM	COM	459200101	2,218	16,945	SH			X		
IBM	COM	459200101	7,160	54,700	SH					X
IBM	COM	459200101	43,025	328,689	SH			X		
IBM	COM	459200101	46,916	358,412	SH			X		
INTERNATIONAL GAME TECH	COM	459902102	9	458	SH					X
INTERNATIONAL GAME TECH	COM	459902102	56	3,000	SH			X		
INTERNATIONAL GAME TECH	COM	459902102	329	17,545	SH			X		
INTL PAPER CO	COM	460146103	43	1,600	SH			X		
INTL PAPER CO	COM	460146103	394	14,710	SH					X
INTL PAPER CO	COM	460146103	665	24,826	SH			X		
INTL PAPER CO	COM	460146103	2,908	108,585	SH			X		
INTERPUBLIC GR COS INC	COM	460690100	1	156	SH					X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
INTERPUBLIC GR COS INC	COM	460690100	963	130,532	SH		X	
INTERPUBLIC GR COS INC	COM	460690100	3,760	509,419	SH		X	
INTUIT	COM	461202103	11	350	SH			X
INTUIT	COM	461202103	12	400	SH		X	
INTUIT	COM	461202103	322	10,481	SH		X	
ISHARES INC	MSCI AUST	464286103	23	1,000	SH			X
ISHARES INC	MSCI AUST	464286103	178	7,775	SH		X	
ISHARES INC	MSCI BRAZIL	464286400	364	4,881	SH		X	
ISHARES INC	MSCI BRAZIL	464286400	522	7,000	SH		X	
ISHARES INC	MSCI BRAZIL	464286400	780	10,460	SH			X
ISHARES INC	MSCI CDAIND	464286509	390	14,800	SH		X	
ISHARES INC	MSCI CDAIND	464286509	2,419	91,870	SH			X
ISHARES INC	MSCIEMUIND	464286608	300	8,000	SH		X	
ISHARES INC	MSCIBRICIND	464286657	243	5,310	SH		X	
ISHARES INC	MSCI PACJID	464286665	356	8,613	SH			X
ISHARES INC	MSCI PACJID	464286665	393	9,500	SH		X	
ISHARES INC	MSCI TAIWAN	464286731	21	1,590	SH		X	
ISHARES INC	MSCI TAIWAN	464286731	624	48,075	SH			X
ISHARES INC	MSCISKOREA	464286772	50	1,060	SH		X	
ISHARES INC	MSCISKOREA	464286772	539	11,310	SH			X
ISHARES INC	MSCISTHAFR	464286780	33	590	SH		X	
ISHARES INC	MSCISTHAFR	464286780	194	3,470	SH			X
ISHARES TR INDEX	LC GR IND	464287119	732	12,467	SH		X	
ISHARES TR INDEX	LG COREIDX	464287127	232	3,620	SH		X	
ISHARES TR INDEX	S&P 1500IND	464287150	35	690	SH			X
ISHARES TR INDEX	S&P 1500IND	464287150	196	3,910	SH		X	
ISHARES TR INDEX	DJSELDIVIND	464287168	446	10,155	SH			X
ISHARES TR INDEX	DJSELDIVIND	464287168	14,709	334,989	SH		X	
ISHARES TR INDEX	TIPS BD	464287176	18	175	SH		X	
ISHARES TR INDEX	TIPS BD	464287176	667	6,421	SH			X
ISHARES TR INDEX	TIPS BD	464287176	4,888	47,043	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

ISHARES	TR	INDEX	FTSEXNHUA	464287184	302	7,142	SH			X
ISHARES	TR	INDEX	FTSEXNHUA	464287184	1,773	41,949	SH	X		
ISHARES	TR	INDEX	TRANAVE IDX	464287192	738	9,991	SH	X		
ISHARES	TR	INDEX	S&P 500IND	464287200	778	6,955	SH			X
ISHARES	TR	INDEX	S&P 500IND	464287200	19,460	174,042	SH	X		
ISHARES	TR	INDEX	US AGG B	464287226	482	4,675	SH			X
ISHARES	TR	INDEX	US AGG B	464287226	5,679	55,033	SH	X		
ISHARES	TR	INDEX	MSCIEMERMKT	464287234	457	11,000	SH	X		
ISHARES	TR	INDEX	MSCIEMERMKT	464287234	1,448	34,902	SH			X
ISHARES	TR	INDEX	MSCIEMERMKT	464287234	23,559	567,691	SH	X		
ISHARES	TR	INDEX	IBOXINVCBPD	464287242	15	142	SH	X		
ISHARES	TR	INDEX	IBOXINVCBPD	464287242	1,655	15,890	SH			X
ISHARES	TR	INDEX	IBOXINVCBPD	464287242	21,960	210,852	SH	X		
ISHARES	TR	INDEX	S&P500 GR	464287309	52	905	SH	X		
ISHARES	TR	INDEX	S&P500 GR	464287309	718	12,382	SH			X
ISHARES	TR	INDEX	S&P500 GR	464287309	13,377	230,673	SH	X		
ISHARES	TR	INDEX	S&P LTNAM40	464287390	430	9,000	SH	X		
ISHARES	TR	INDEX	S&P 500VL	464287408	347	6,537	SH			X
ISHARES	TR	INDEX	S&P 500VL	464287408	3,295	62,149	SH	X		
ISHARES	TR	INDEX	7-10 YR	464287440	9	98	SH	X		
ISHARES	TR	INDEX	7-10 YR	464287440	211	2,380	SH	X		
ISHARES	TR	INDEX	1-3 YR	464287457	41	500	SH	X		
ISHARES	TR	INDEX	1-3 YR	464287457	511	6,160	SH			X
ISHARES	TR	INDEX	1-3 YR	464287457	13,983	168,554	SH	X		
ISHARES	TR	INDEX	MSCIEAFEIDX	464287465	86	1,554	SH	X		
ISHARES	TR	INDEX	MSCIEAFEIDX	464287465	3,659	66,189	SH			X
ISHARES	TR	INDEX	MSCIEAFEIDX	464287465	45,579	824,518	SH	X		
ISHARES	TR	INDEX	RUSS MC VL	464287473	196	5,298	SH			X
ISHARES	TR	INDEX	RUSS MC VL	464287473	5,636	152,531	SH	X		
ISHARES	TR	INDEX	RUSS MC GR	464287481	439	9,675	SH			X
ISHARES	TR	INDEX	RUSS MC GR	464287481	8,943	197,237	SH	X		
ISHARES	TR	INDEX	RUSS MC	464287499	576	6,982	SH			X
ISHARES	TR	INDEX	RUSS MC	464287499	10,708	129,776	SH	X		
ISHARES	TR	INDEX	S&P MC400	464287507	7	92	SH	X		
ISHARES	TR	INDEX	S&P MC400	464287507	2,382	32,898	SH			X
ISHARES	TR	INDEX	S&P MC400	464287507	13,366	184,594	SH	X		
ISHARES	TR	INDEX	NASDAQBIOIND	464287556	333	4,073	SH	X		
ISHARES	TR	INDEX	COH&STRPTY	464287564	41	790	SH			X
ISHARES	TR	INDEX	COH&STRPTY	464287564	729	13,880	SH	X		
ISHARES	TR	INDEX	RUSS1000VAL	464287598	61	1,063	SH			X
ISHARES	TR	INDEX	RUSS1000VAL	464287598	2,948	51,357	SH	X		
ISHARES	TR	INDEX	S&P MC400GR	464287606	40	511	SH	X		
ISHARES	TR	INDEX	S&P MC400GR	464287606	622	8,007	SH			X
ISHARES	TR	INDEX	S&P MC400GR	464287606	6,855	88,219	SH	X		
ISHARES	TR	INDEX	RUSS1000GRW	464287614	830	16,646	SH			X
ISHARES	TR	INDEX	RUSS1000GRW	464287614	11,348	227,644	SH	X		
ISHARES	TR	INDEX	RUSS 1000	464287622	265	4,330	SH			X
ISHARES	TR	INDEX	RUSS 1000	464287622	14,361	234,231	SH	X		
ISHARES	TR	INDEX	RUSL 2000VL	464287630	746	12,847	SH			X
ISHARES	TR	INDEX	RUSL 2000VL	464287630	8,609	148,337	SH	X		
ISHARES	TR	INDEX	RUSL 2000GR	464287648	660	9,699	SH			X
ISHARES	TR	INDEX	RUSL 2000GR	464287648	7,651	112,400	SH	X		
ISHARES	TR	INDEX	RUSS 2000	464287655	72	1,157	SH	X		
ISHARES	TR	INDEX	RUSS 2000	464287655	854	13,671	SH			X
ISHARES	TR	INDEX	RUSS 2000	464287655	18,809	301,229	SH	X		
ISHARES	TR	INDEX	RUSS 3000	464287689	672	10,290	SH	X		
ISHARES	TR	INDEX	DJ US UTILS	464287697	869	11,624	SH	X		
ISHARES	TR	INDEX	DJ US UTILS	464287697	43	573	SH			X
ISHARES	TR	INDEX	DJ US UTILS	464287697	188	2,512	SH	X		
ISHARES	TR	INDEX	S&P MC VL	464287705	27	414	SH	X		
ISHARES	TR	INDEX	S&P MC VL	464287705	3,020	45,801	SH			X
ISHARES	TR	INDEX	S&P MC VL	464287705	12,089	183,337	SH	X		

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

ISHARES TR INDEX	DJ US TLMC	464287713	5	251	SH				X
ISHARES TR INDEX	DJ US TLMC	464287713	996	49,743	SH		X		
ISHARES TR INDEX	DJUSTECHSEC	464287721	523	9,081	SH		X		
ISHARES TR INDEX	DJ US RE	464287739	251	5,465	SH		X		
ISHARES TR INDEX	DJUSHLTHCR	464287762	32	500	SH				X
ISHARES TR INDEX	DJUSHLTHCR	464287762	227	3,563	SH		X		
ISHARES TR INDEX	DJUSHLTHCR	464287762	2,680	41,987	SH		X		
ISHARES TR INDEX	DJUSFINLSVC	464287770	2	38	SH				X
ISHARES TR INDEX	DJUSFINLSVC	464287770	324	6,032	SH		X		
ISHARES TR INDEX	DJUSENERGY	464287796	547	16,459	SH		X		
ISHARES TR INDEX	S&P SC 600	464287804	31	564	SH		X		
ISHARES TR INDEX	S&P SC 600	464287804	1,070	19,562	SH				X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	SOLE (A)	SHR (B)	OTHR (C)	INVESTMENT DISCRETION
ISHARES TR INDEX	S&P SC 600	464287804	4,790	87,540	SH		X		
ISHARES TR INDEX	DJUSBASMATL	464287838	613	10,235	SH		X		
ISHARES TR INDEX	S&P EUROPL	464287861	89	2,290	SH				X
ISHARES TR INDEX	S&P EUROPL	464287861	768	19,714	SH		X		
ISHARES TR INDEX	S&P SC VAL	464287879	489	8,373	SH				X
ISHARES TR INDEX	S&P SC VAL	464287879	4,164	71,324	SH		X		
ISHARES TR INDEX	S&P SC GR	464287887	105	1,839	SH		X		
ISHARES TR INDEX	S&P SC GR	464287887	173	3,020	SH				X
ISHARES TR	LC VL IND	464288109	594	11,121	SH		X		
ISHARES TR	MDCORE IND	464288208	331	4,855	SH		X		
ISHARES TR	MG INDX	464288307	308	4,073	SH		X		
ISHARES TR	MV IND	464288406	551	8,519	SH		X		
ISHARES TR	S&PNATMUNB	464288414	62	600	SH				X
ISHARES TR	S&PNATMUNB	464288414	2,813	27,381	SH		X		
ISHARES TR	S CORE IND	464288505	407	5,770	SH		X		
ISHARES TR	HI YLDCORP	464288513	1,839	20,940	SH		X		
ISHARES TR	INTER GV	464288612	26	250	SH				X
ISHARES TR	INTER GV	464288612	1,095	10,401	SH		X		
ISHARES TR	INTER CR	464288638	106	1,030	SH				X
ISHARES TR	INTER CR	464288638	1,880	18,308	SH		X		
ISHARES TR	BRCLY1-3YR	464288646	312	3,000	SH		X		
ISHARES TR	USPFDSTK	464288687	67	1,820	SH				X
ISHARES TR	USPFDSTK	464288687	1,835	50,000	SH		X		
ISHARES TR	SC VAL IND	464288703	5,434	81,085	SH		X		
ISHARES TR	S&P GL UTIL	464288711	462	9,630	SH		X		
ISHARES TR	S&P GL UTIL	464288711	636	13,250	SH				X
ISHARES TR	DJ MD DVCS	464288810	304	5,730	SH		X		
ISHARES TR	MSCI VL IDX	464288877	397	7,880	SH				X
ISHARES TR	MSCI VL IDX	464288877	4,269	84,809	SH		X		
ISHARES TR	MSCI GR IDX	464288885	1,242	22,531	SH				X
ISHARES TR	MSCI GR IDX	464288885	3,241	58,801	SH		X		
ITAU UNIBANCO HLDG SA	SPONADRPFD	465562106	1	41	SH		X		

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

ITAU UNIBANCO HLDG SA	SPONADRPFD	465562106	389	17,050	SH		X
JACOBS ENGR GROUP INC	COM	469814107	20	530	SH		X
JACOBS ENGR GROUP INC	COM	469814107	36	950	SH		X
JACOBS ENGR GROUP INC	COM	469814107	448	11,925	SH	X	
JACOBS ENGR GROUP INC	COM	469814107	1,113	29,608	SH	X	
JACOBS ENGR GROUP INC	COM	469814107	2,321	61,700	SH	X	
JARDEN CORP	COM	471109108	1,680	54,336	SH	X	
JARDEN CORP	COM	471109108	11,686	378,080	SH	X	
JOHNSON & JOHNSON	COM	478160104	174	2,700	SH		X
JOHNSON & JOHNSON	COM	478160104	1,658	25,740	SH	X	
JOHNSON & JOHNSON	COM	478160104	6,265	97,269	SH		X
JOHNSON & JOHNSON	COM	478160104	37,865	587,874	SH	X	
JOHNSON & JOHNSON	COM	478160104	40,001	621,037	SH	X	
JOHNSON CTLS INC	COM	478366107	12	450	SH	X	
JOHNSON CTLS INC	COM	478366107	805	29,550	SH	X	
JOHNSON CTLS INC	COM	478366107	2,524	92,665	SH		X
JOHNSON CTLS INC	COM	478366107	4,049	148,632	SH	X	
JOURNAL COMM INC	CL A	481130102	1	300	SH		X
JOURNAL COMM INC	CL A	481130102	39	10,000	SH	X	
JOY GLOBAL INC	COM	481165108	11	222	SH		X
JOY GLOBAL INC	COM	481165108	458	8,870	SH	X	
JOY GLOBAL INC	COM	481165108	2,552	49,490	SH	X	
KLA-TENCOR CORP	COM	482480100	13	353	SH		X
KLA-TENCOR CORP	COM	482480100	461	12,752	SH	X	
KLA-TENCOR CORP	COM	482480100	2,307	63,800	SH	X	
KANSAS CITY SOUTHERN	COM NEW	485170302	97	2,898	SH	X	
KANSAS CITY SOUTHERN	COM NEW	485170302	348	10,441	SH		X
KANSAS CITY SOUTHERN	COM NEW	485170302	2,137	64,200	SH	X	
KAYNEANDERSON MLP INV C	COM	486606106	6	255	SH		X
KAYNEANDERSON MLP INV C	COM	486606106	3,825	152,748	SH	X	
KELLOGG CO	COM	487836108	132	2,475	SH		X
KELLOGG CO	COM	487836108	734	13,790	SH	X	
KELLOGG CO	COM	487836108	2,181	40,994	SH		X
KELLOGG CO	COM	487836108	6,791	127,647	SH	X	
KELLOGG CO	COM	487836108	13,225	248,592	SH	X	
KENNAMETAL INC	COM	489170100	4,720	182,100	SH	X	
KEYCORP NEW	COM	493267108	34	6,200	SH	X	
KEYCORP NEW	COM	493267108	188	33,950	SH	X	
KIMBERLY CLARK CORP	COM	494368103	182	2,850	SH		X
KIMBERLY CLARK CORP	COM	494368103	954	14,975	SH	X	
KIMBERLY CLARK CORP	COM	494368103	3,615	56,742	SH		X
KIMBERLY CLARK CORP	COM	494368103	11,422	179,290	SH	X	
KIMBERLY CLARK CORP	COM	494368103	13,115	205,856	SH	X	
KINDER MORGAN ENER PART	UT LTDPART	494550106	483	7,913	SH		X
KINDER MORGAN ENER PART	UT LTDPART	494550106	1,009	16,548	SH	X	
KING PHARMA INC	COM	495582108	6	526	SH		X
KING PHARMA INC	COM	495582108	138	11,227	SH	X	
KING PHARMA INC	COM	495582108	1,740	141,800	SH	X	
KINROSS GOLD CORP	COM NO PAR	496902404	17	912	SH	X	
KINROSS GOLD CORP	COM NO PAR	496902404	380	20,662	SH		X
KIRBY CORP	COM	497266106	117	3,370	SH		X
KIRBY CORP	COM	497266106	263	7,558	SH	X	
KNOLL INC	COM NEW	498904200	27	2,650	SH		X
KNOLL INC	COM NEW	498904200	78	7,515	SH	X	
KOHL'S CORP	COM	500255104	16	300	SH		X
KOHL'S CORP	COM	500255104	47	875	SH	X	
KOHL'S CORP	COM	500255104	1,534	28,449	SH		X
KOHL'S CORP	COM	500255104	8,969	166,305	SH	X	
KOHL'S CORP	COM	500255104	14,376	266,563	SH	X	
KONINKLIJKEPHILIPSELECT	NY REG SH	500472303	436	14,813	SH	X	
KOREA ELECTRIC PWR	SPON ADR	500631106	54	3,727	SH	X	
KOREA ELECTRIC PWR	SPON ADR	500631106	287	19,710	SH		X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

KORN FERRY INTL	COM NEW	500643200	94	5,705	SH				X
KORN FERRY INTL	COM NEW	500643200	181	10,950	SH			X	
KRISPY KREME DOUGHNUTS	COM	501014104	0	1	SH			X	
KROGER CO	COM	501044101	39	1,892	SH				X
KROGER CO	COM	501044101	1,744	84,937	SH			X	
KROGER CO	COM	501044101	3,371	164,221	SH			X	
KUBOTA CORP	ADR	501173207	107	2,312	SH				X
KUBOTA CORP	ADR	501173207	282	6,104	SH			X	
LKQ CORP	COM	501889208	24	1,200	SH				X
LKQ CORP	COM	501889208	284	14,515	SH			X	
LSI CORPORATION	COM	502161102	28	4,663	SH				X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	SOLE (A)	SHR (B)	INVESTMENT DISCRETION	
								OTHR (C)	
LSI CORPORATION	COM	502161102	119	19,878	SH		X		
LSI CORPORATION	COM	502161102	2,410	401,000	SH		X		
L-3 COMM HLDGS INC	COM	502424104	59	675	SH				X
L-3 COMM HLDGS INC	COM	502424104	135	1,557	SH				X
L-3 COMM HLDGS INC	COM	502424104	621	7,142	SH		X		
L-3 COMM HLDGS INC	COM	502424104	793	9,125	SH		X		
LA Z BOY INC	COM	505336107	1	150	SH				X
LA Z BOY INC	COM	505336107	412	43,236	SH		X		
LA Z BOY INC	COM	505336107	1,572	165,000	SH		X		
LANCASTER COLONY CORP	COM	513847103	47	945	SH				X
LANCASTER COLONY CORP	COM	513847103	188	3,775	SH		X		
LAUDER ESTEE COS INC	CL A	518439104	53	1,099	SH				X
LAUDER ESTEE COS INC	CL A	518439104	490	10,136	SH		X		
LEGGETT & PLATT INC	COM	524660107	26	1,271	SH				X
LEGGETT & PLATT INC	COM	524660107	2,128	104,322	SH		X		
LEGG MASON INC	COM	524901105	28	937	SH				X
LEGG MASON INC	COM	524901105	212	7,013	SH		X		
LENNAR CORP	CL A	526057104	16	1,272	SH				X
LENNAR CORP	CL A	526057104	18	1,400	SH		X		
LENNAR CORP	CL A	526057104	293	22,934	SH		X		
LEXMARK INTL NEW	CL A	529771107	3	110	SH				X
LEXMARK INTL NEW	CL A	529771107	971	37,366	SH		X		
LEXMARK INTL NEW	CL A	529771107	2,717	104,589	SH		X		
LIBERTY ALL STAR EQ FD	SH BEN INT	530158104	114	26,220	SH				X
LIBERTY ALL STAR EQ FD	SH BEN INT	530158104	5,194	1,199,565	SH		X		
LIBERTY GLOBAL INC	COM SER A	530555101	26	1,192	SH				X
LIBERTY GLOBAL INC	COM SER A	530555101	1,070	48,844	SH		X		
LIBERTY GLOBAL INC	COM SER A	530555101	4,366	199,493	SH		X		
LIBERTY GLOBAL INC	COM SER C	530555309	46	2,121	SH				X
LIBERTY GLOBAL INC	COM SER C	530555309	164	7,523	SH		X		
LILLY ELI & CO	COM	532457108	7	200	SH		X		
LILLY ELI & CO	COM	532457108	39	1,100	SH		X		
LILLY ELI & CO	COM	532457108	5,159	144,465	SH		X		

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

LILLY ELI & CO	COM	532457108	9,325	261,121	SH		X
LIMITED BRANDS INC	COM	532716107	42	2,186	SH		X
LIMITED BRANDS INC	COM	532716107	3,917	203,550	SH	X	
LIMITED BRANDS INC	COM	532716107	7,254	377,055	SH	X	
LINCOLN ELEC HLDGS INC	COM	533900106	21	390	SH		X
LINCOLN ELEC HLDGS INC	COM	533900106	240	4,493	SH	X	
LINCOLN NATL CORP IND	COM	534187109	212	8,517	SH		X
LINCOLN NATL CORP IND	COM	534187109	1,396	56,101	SH	X	
LINCOLN NATL CORP IND	COM	534187109	3,250	130,650	SH	X	
LINEAR TECHNOLOGY CORP	COM	535678106	30	983	SH		X
LINEAR TECHNOLOGY CORP	COM	535678106	1,214	39,732	SH	X	
LINN ENERGY LLC	UT LTD LIAB	536020100	28	1,000	SH	X	
LINN ENERGY LLC	UT LTD LIAB	536020100	200	7,188	SH	X	
LINN ENERGY LLC	UT LTD LIAB	536020100	312	11,200	SH		X
LOCKHEED MARTIN CORP	COM	539830109	41	550	SH		X
LOCKHEED MARTIN CORP	COM	539830109	50	660	SH	X	
LOCKHEED MARTIN CORP	COM	539830109	51	675	SH	X	
LOCKHEED MARTIN CORP	COM	539830109	488	6,475	SH		X
LOCKHEED MARTIN CORP	COM	539830109	3,772	50,057	SH	X	
LOEWS CORP	COM	540424108	86	2,360	SH		X
LOEWS CORP	COM	540424108	406	11,165	SH	X	
LORILLARD INC	COM	544147101	5	64	SH		X
LORILLARD INC	COM	544147101	1,289	16,071	SH	X	
LORILLARD INC	COM	544147101	3,577	44,589	SH	X	
LOWES COS INC	COM	548661107	55	2,350	SH		X
LOWES COS INC	COM	548661107	1,037	44,322	SH	X	
LOWES COS INC	COM	548661107	1,410	60,302	SH		X
LOWES COS INC	COM	548661107	8,445	361,053	SH	X	
LOWES COS INC	COM	548661107	9,976	426,513	SH	X	
LUBRIZOL CORP	COM	549271104	26	350	SH		X
LUBRIZOL CORP	COM	549271104	112	1,542	SH		X
LUBRIZOL CORP	COM	549271104	146	2,000	SH	X	
LUBRIZOL CORP	COM	549271104	227	3,114	SH	X	
LUCAS ENERGY INC	COM NEW	549333201	29	47,500	SH	X	
LULULEMON ATHLETICA INC	COM	550021109	9	300	SH		X
LULULEMON ATHLETICA INC	COM	550021109	494	16,398	SH	X	
MDU RES GROUP INC	COM	552690109	305	12,925	SH		X
MDU RES GROUP INC	COM	552690109	2,870	121,629	SH	X	
MSC INDL DIRECT INC	CL A	553530106	2	36	SH		X
MSC INDL DIRECT INC	CL A	553530106	109	2,316	SH	X	
MSC INDL DIRECT INC	CL A	553530106	1,603	34,100	SH	X	
MACK CALI RLTY CORP	COM	554489104	26	765	SH		X
MACK CALI RLTY CORP	COM	554489104	728	21,054	SH	X	
MACK CALI RLTY CORP	COM	554489104	2,446	70,744	SH	X	
MAGELLANMIDSTRPRTNRS LP	COMUT RP LP	559080106	233	5,375	SH	X	
MAGNA INTL INC	CL A	559222401	48	946	SH	X	
MAGNA INTL INC	CL A	559222401	231	4,567	SH		X
MAGYAR TELEKOM P	SPON ADR	559776109	61	3,196	SH		X
MAGYAR TELEKOM P	SPON ADR	559776109	157	8,227	SH	X	
MAIDENFORM BRANDS INC	COM	560305104	1	55	SH		X
MAIDENFORM BRANDS INC	COM	560305104	172	10,294	SH	X	
MANITOWOC INC	COM	563571108	39	3,950	SH		X
MANITOWOC INC	COM	563571108	542	54,368	SH	X	
MARATHON OIL CORP	COM	565849106	235	7,520	SH		X
MARATHON OIL CORP	COM	565849106	3,103	99,410	SH	X	
MARATHON OIL CORP	COM	565849106	3,110	99,601	SH	X	
MARCUS CORP	COM	566330106	22	1,740	SH	X	
MARCUS CORP	COM	566330106	270	21,040	SH		X
MARSH&MCLENNAN COS INC	COM	571748102	265	12,000	SH	X	
MARSHALL & ILSLEY CORP	COM	571837103	15	2,676	SH	X	
MARSHALL & ILSLEY CORP	COM	571837103	279	51,134	SH	X	
MARSHALL & ILSLEY CORP	COM	571837103	7,705	1,413,781	SH		X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MARSHALL & ILSLEY CORP	COM	571837103	29,163	5,350,999	SH				X
MARTEK BIOSCIENCES CORP	COM	572901106	1,372	72,381	SH				X
MARTEK BIOSCIENCES CORP	COM	572901106	5,251	277,100	SH				X
MASCO CORP	COM	574599106	144	10,445	SH				X
MASSEY ENERGY CORP	COM	576206106	263	6,258	SH				X
MASSEY ENERGY CORP	COM	576206106	859	20,457	SH			X	
MATTEL INC	COM	577081102	204	10,230	SH				X
MATTEL INC	COM	577081102	251	12,570	SH			X	
MAXIMUS INC	COM	577933104	951	19,020	SH			X	
MCAFEE INC	COM	579064106	396	9,753	SH				X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	SOLE (A)	SHR (B)	OTHR (C)	INVESTMENT DISCRETION
MCAFEE INC	COM	579064106	1,841	45,373	SH				X
MCAFEE INC	COM	579064106	2,621	64,600	SH				X
MCDERMOTT INTL INC	COM	580037109	1,801	75,000	SH				X
MCDONALDS CORP	COM	580135101	106	1,700	SH				X
MCDONALDS CORP	COM	580135101	1,683	26,956	SH				X
MCDONALDS CORP	COM	580135101	2,859	45,785	SH				X
MCDONALDS CORP	COM	580135101	19,701	315,512	SH			X	
MCDONALDS CORP	COM	580135101	20,533	328,848	SH			X	
MCGRATH RENTCORP	COM	580589109	11,497	514,174	SH			X	
MCGRAW HILL COS INC	COM	580645109	318	9,501	SH				X
MCGRAW HILL COS INC	COM	580645109	2,932	87,510	SH			X	
MCMORAN EXPLORATION CO	COM	582411104	889	110,907	SH			X	
MCMORAN EXPLORATION CO	COM	582411104	6,392	797,000	SH			X	
MEADWESTVACO CORP	COM	583334107	86	2,987	SH				X
MEADWESTVACO CORP	COM	583334107	1,458	50,912	SH			X	
MEADWESTVACO CORP	COM	583334107	3,643	127,247	SH			X	
MEDICIS PHARMA CORP	CL A NEW	584690309	2	82	SH				X
MEDICIS PHARMA CORP	CL A NEW	584690309	699	25,859	SH			X	
MEDICIS PHARMA CORP	CL A NEW	584690309	4,174	154,300	SH			X	
MEDTRONIC INC	COM	585055106	65	1,475	SH				X
MEDTRONIC INC	COM	585055106	473	10,750	SH			X	
MEDTRONIC INC	COM	585055106	830	18,865	SH				X
MEDTRONIC INC	COM	585055106	8,072	183,538	SH			X	
MEDTRONIC INC	COM	585055106	12,674	288,169	SH			X	
MERCK & CO INC	COM	589331107	1,287	35,223	SH			X	
MEREDITH CORP	COM	589433101	163	5,272	SH				X
MEREDITH CORP	COM	589433101	691	22,410	SH			X	
MERGE HEALTHCARE INC	COM	589499102	1,441	428,797	SH			X	
MERGE HEALTHCARE INC	COM	589499102	5,566	1,656,500	SH			X	
METTLER TOLEDO INTRNTL	COM	592688105	184	1,754	SH				X
METTLER TOLEDO INTRNTL	COM	592688105	596	5,670	SH			X	
METTLER TOLEDO INTRNTL	COM	592688105	2,026	19,300	SH			X	
MICROS SYS INC	COM	594901100	13	415	SH				X
MICROS SYS INC	COM	594901100	328	10,569	SH			X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MICROSOFT CORP	COM		594918104	15	500	SH			X
MICROSOFT CORP	COM		594918104	163	5,350	SH	X		
MICROSOFT CORP	COM		594918104	5,992	196,579	SH			X
MICROSOFT CORP	COM		594918104	42,084	1,380,689	SH	X		
MICROSOFT CORP	COM		594918104	61,722	2,024,986	SH	X		
MICROCHIP TECH INC	COM		595017104	38	1,311	SH			X
MICROCHIP TECH INC	COM		595017104	91	3,135	SH	X		
MICROCHIP TECH INC	COM		595017104	1,617	55,660	SH	X		
MICRON TECHNOLOGY INC	COM		595112103	7,924	750,400	SH	X		
MIDCAP SPDR TR	UNIT SER 1		595635103	13	100	SH			X
MIDCAP SPDR TR	UNIT SER 1		595635103	20	150	SH	X		
MIDCAP SPDR TR	UNIT SER 1		595635103	1,101	8,356	SH			X
MIDCAP SPDR TR	UNIT SER 1		595635103	16,142	122,528	SH	X		
MIDDLEBY CORP	COM		596278101	21	432	SH			X
MIDDLEBY CORP	COM		596278101	1,099	22,415	SH	X		
MIDDLEBY CORP	COM		596278101	6,147	125,400	SH	X		
MIDWEST BANC HLDGS INC	COM		598251106	9	26,247	SH	X		
MILLIPORE CORP	COM		601073109	4	55	SH			X
MILLIPORE CORP	COM		601073109	459	6,345	SH	X		
MINDRAY MED INTL LTD	SPON ADR		602675100	99	2,920	SH	X		
MINDRAY MED INTL LTD	SPON ADR		602675100	407	11,995	SH			X
MITSUBISHI UFJFINLGR IN	SPON ADR		606822104	58	11,726	SH	X		
MOLEX INC	CL A		608554200	181	9,475	SH			X
MOLEX INC	CL A		608554200	244	12,775	SH	X		
MOODYS CORP	COM		615369105	61	2,275	SH			X
MOODYS CORP	COM		615369105	220	8,210	SH	X		
MORGAN STANLEY	COM NEW		617446448	125	4,232	SH			X
MORGAN STANLEY	COM NEW		617446448	3,185	107,600	SH	X		
MORGAN STANLEY	COM NEW		617446448	5,403	182,545	SH	X		
MOTOROLA INC	COM		620076109	214	27,641	SH			X
MOTOROLA INC	COM		620076109	354	45,643	SH	X		
MOTOROLA INC	COM		620076109	1,368	176,300	SH	X		
MURPHY OIL CORP	COM		626717102	377	6,949	SH			X
MURPHY OIL CORP	COM		626717102	489	9,021	SH	X		
MYLAN INC	COM		628530107	11	597	SH			X
MYLAN INC	COM		628530107	125	6,773	SH	X		
MYLAN INC	COM		628530107	3,081	167,200	SH	X		
NYSE EURONEXT	COM		629491101	16	639	SH			X
NYSE EURONEXT	COM		629491101	1,251	49,450	SH	X		
NYSE EURONEXT	COM		629491101	6,618	261,580	SH	X		
NATIONAL OILWELL VARCO	COM		637071101	409	9,279	SH			X
NATIONAL OILWELL VARCO	COM		637071101	2,113	47,939	SH	X		
NATIONAL OILWELL VARCO	COM		637071101	4,415	100,130	SH	X		
NATIONAL PRESTO INDS	COM		637215104	109	1,000	SH	X		
NATIONAL PRESTO INDS	COM		637215104	215	1,966	SH			X
NATIONAL SEMICONDR CORP	COM		637640103	115	7,515	SH			X
NATIONAL SEMICONDR CORP	COM		637640103	157	10,243	SH	X		
NATIONAL SEMICONDR CORP	COM		637640103	3,135	204,098	SH	X		
NEOGEN CORP	COM		640491106	501	21,208	SH	X		
NEOGEN CORP	COM		640491106	1,539	65,175	SH	X		
NEW ORIENT ED&TECH GR I	SPON ADR		647581107	656	8,678	SH			X
NEW ORIENT ED&TECH GR I	SPON ADR		647581107	898	11,871	SH	X		
NEW YORK TIMES CO	CL A		650111107	12	934	SH			X
NEW YORK TIMES CO	CL A		650111107	141	11,439	SH	X		
NEWFIELD EXPL CO	COM		651290108	3	52	SH			X
NEWFIELD EXPL CO	COM		651290108	973	20,161	SH	X		
NEWFIELD EXPL CO	COM		651290108	2,902	60,180	SH	X		
NEWMONT MINING CORP	COM		651639106	31	650	SH			X
NEWMONT MINING CORP	COM		651639106	89	1,872	SH	X		
NEWMONT MINING CORP	COM		651639106	129	2,735	SH			X
NEWMONT MINING CORP	COM		651639106	400	8,450	SH	X		
NEWMONT MINING CORP	COM		651639106	606	12,809	SH	X		

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

NICOR INC	COM	654086107	10	248	SH			X
NICOR INC	COM	654086107	132	3,125	SH			X
NICOR INC	COM	654086107	693	16,465	SH		X	
NIDEC CORP	SPON ADR	654090109	160	6,915	SH			X
NIDEC CORP	SPON ADR	654090109	422	18,176	SH		X	
NIKE INC	CL B	654106103	81	1,225	SH			X
NIKE INC	CL B	654106103	129	1,957	SH		X	
NIKE INC	CL B	654106103	885	13,395	SH			X
NIKE INC	CL B	654106103	1,166	17,650	SH		X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

----- COL 1 ----- COL 2 ----- COL 3 ----- COL 4 ----- COL 5 ----- COL 6 -----								
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
NIKE INC	CL B	654106103	11,555	174,895	SH		X	
NIPPON TELEG & TEL CORP	SPON ADR	654624105	116	5,863	SH		X	
NIPPON TELEG & TEL CORP	SPON ADR	654624105	464	23,510	SH			X
NOKIA CORP	SPON ADR	654902204	10	800	SH		X	
NOKIA CORP	SPON ADR	654902204	533	41,470	SH		X	
NOKIA CORP	SPON ADR	654902204	676	52,644	SH			X
NOBLE ENERGY INC	COM	655044105	157	2,200	SH			X
NOBLE ENERGY INC	COM	655044105	1,444	20,272	SH		X	
NOBLE ENERGY INC	COM	655044105	5,172	72,614	SH		X	
NORDSTROM INC	COM	655664100	433	11,509	SH			X
NORDSTROM INC	COM	655664100	1,549	41,217	SH		X	
NORFOLK SOUTHERN CORP	COM	655844108	10	200	SH		X	
NORFOLK SOUTHERN CORP	COM	655844108	373	7,107	SH			X
NORFOLK SOUTHERN CORP	COM	655844108	598	11,412	SH		X	
NORTHERN TR CORP	COM	665859104	24	450	SH			X
NORTHERN TR CORP	COM	665859104	46	870	SH		X	
NORTHERN TR CORP	COM	665859104	122	2,328	SH		X	
NORTHERN TR CORP	COM	665859104	1,060	20,223	SH			X
NORTHERN TR CORP	COM	665859104	8,057	153,764	SH		X	
NORTHROP GRUMMAN CORP	COM	666807102	67	1,200	SH		X	
NORTHROP GRUMMAN CORP	COM	666807102	254	4,541	SH			X
NORTHROP GRUMMAN CORP	COM	666807102	1,272	22,786	SH		X	
NORTHROP GRUMMAN CORP	COM	666807102	2,806	50,235	SH		X	
NOVELL INC	COM	670006105	52	12,445	SH		X	
NOVELLUS SYS INC	COM	670008101	11	468	SH			X
NOVELLUS SYS INC	COM	670008101	286	12,244	SH		X	
NOVELLUS SYS INC	COM	670008101	4,754	203,700	SH		X	
NUCOR CORP	COM	670346105	319	6,846	SH			X
NUCOR CORP	COM	670346105	5,341	114,495	SH		X	
NUCOR CORP	COM	670346105	6,439	138,024	SH		X	
NUVASIVE INC	COM	670704105	9	266	SH			X
NUVASIVE INC	COM	670704105	405	12,672	SH		X	
NUVASIVE INC	COM	670704105	2,699	84,400	SH		X	
NUVEEN MUN VALUE FD INC	COM	670928100	43	4,400	SH			X
NUVEEN MUN VALUE FD INC	COM	670928100	221	22,800	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

OCCIDENTAL PETE CORP	COM	674599105	57	700	SH		X	
OCCIDENTAL PETE CORP	COM	674599105	490	6,024	SH			X
OCCIDENTAL PETE CORP	COM	674599105	4,457	54,791	SH		X	
OCCIDENTAL PETE CORP	COM	674599105	16,987	208,805	SH		X	
OCEANEERING INTL INC	COM	675232102	138	2,364	SH		X	
OCEANEERING INTL INC	COM	675232102	424	7,245	SH			X
OFFICE DEPOT INC	COM	676220106	2	365	SH			X
OFFICE DEPOT INC	COM	676220106	165	25,630	SH		X	
OIL SVC HOLDRS TR	DEP RCPT	678002106	567	4,767	SH		X	
OLD NATL BANCORP IND	COM	680033107	87	7,007	SH		X	
OLD NATL BANCORP IND	COM	680033107	156	12,548	SH			X
OLD REP INTL CORP	COM	680223104	172	17,120	SH			X
OLD REP INTL CORP	COM	680223104	326	32,446	SH		X	
OMNICOM GROUP INC	COM	681919106	4	100	SH			X
OMNICOM GROUP INC	COM	681919106	31	800	SH		X	
OMNICOM GROUP INC	COM	681919106	175	4,463	SH			X
OMNICOM GROUP INC	COM	681919106	476	12,151	SH		X	
ON SEMICONDUCTOR CORP	COM	682189105	16	1,894	SH		X	
ON SEMICONDUCTOR CORP	COM	682189105	2,515	285,100	SH		X	
ONEOK INC NEW	COM	682680103	2	40	SH			X
ONEOK INC NEW	COM	682680103	401	8,982	SH		X	
ONEOK INC NEW	COM	682680103	2,868	64,355	SH		X	
ONYX PHARMA INC	COM	683399109	37	1,250	SH			X
ONYX PHARMA INC	COM	683399109	1,502	51,181	SH		X	
O REILLY AUTOMOTIVE INC	COM	686091109	2	57	SH			X
O REILLY AUTOMOTIVE INC	COM	686091109	330	8,661	SH		X	
O REILLY AUTOMOTIVE INC	COM	686091109	2,493	65,400	SH		X	
OSHKOSH CORP	COM	688239201	654	17,651	SH		X	
OSHKOSH CORP	COM	688239201	1,047	28,270	SH			X
OWENS & MINOR INC NEW	COM	690732102	66	1,527	SH			X
OWENS & MINOR INC NEW	COM	690732102	220	5,131	SH		X	
PNC FINL SVCS GROUP INC	COM	693475105	120	2,266	SH			X
PNC FINL SVCS GROUP INC	COM	693475105	2,804	53,105	SH		X	
PNC FINL SVCS GROUP INC	COM	693475105	9,555	181,010	SH		X	
POSCO	SPON ADR	693483109	144	1,100	SH			X
POSCO	SPON ADR	693483109	387	2,953	SH		X	
PPG INDS INC	COM	693506107	358	6,110	SH			X
PPG INDS INC	COM	693506107	3,523	60,186	SH		X	
PPG INDS INC	COM	693506107	4,555	77,815	SH		X	
PACCAR INC	COM	693718108	171	4,711	SH		X	
PACCAR INC	COM	693718108	340	9,385	SH			X
PACCAR INC	COM	693718108	6,562	180,921	SH		X	
PACKAGING CORP AMER	COM	695156109	55	2,371	SH		X	
PACKAGING CORP AMER	COM	695156109	1,381	60,000	SH			X
PACKAGING CORP AMER	COM	695156109	6,993	303,900	SH		X	
PALL CORP	COM	696429307	12	328	SH			X
PALL CORP	COM	696429307	207	5,707	SH		X	
PARK ELECTROCHEM CORP	COM	700416209	53	1,902	SH			X
PARK ELECTROCHEM CORP	COM	700416209	159	5,742	SH		X	
PARKER HANNIFIN CORP	COM	701094104	34	625	SH			X
PARKER HANNIFIN CORP	COM	701094104	155	2,886	SH			X
PARKER HANNIFIN CORP	COM	701094104	1,332	24,710	SH		X	
PARKER HANNIFIN CORP	COM	701094104	7,764	144,100	SH		X	
PATTERSON COMPANIES INC	COM	703395103	188	6,725	SH			X
PATTERSON COMPANIES INC	COM	703395103	352	12,563	SH		X	
PAYCHEX INC	COM	704326107	18	600	SH		X	
PAYCHEX INC	COM	704326107	555	18,116	SH			X
PAYCHEX INC	COM	704326107	873	28,488	SH		X	
PAYCHEX INC	COM	704326107	2,145	70,000	SH		X	
PENGROWTH ENERGY TR	TR UT NEW	706902509	136	14,109	SH		X	
PENNEY J C INC	COM	708160106	484	18,194	SH			X
PENNEY J C INC	COM	708160106	573	21,518	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

PENNEY J C INC	COM	708160106	7,296	274,200	SH		X	
PEOPLES UNITED FINL INC	COM	712704105	182	10,925	SH		X	
PEOPLES UNITED FINL INC	COM	712704105	184	11,021	SH			X
PEOPLES UNITED FINL INC	COM	712704105	2,470	147,925	SH		X	
PEPCO HOLDINGS INC	COM	713291102	29	1,725	SH			X
PEPCO HOLDINGS INC	COM	713291102	35	2,095	SH		X	
PEPCO HOLDINGS INC	COM	713291102	2,191	130,026	SH		X	
PEPSI BOTTLING GR INC	COM	713409100	15	394	SH			X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

----- COL 1 ----- COL 2 ----- COL 3 ----- COL 4 ----- COL 5 ----- COL 6 -----									
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	
PEPSI BOTTLING GR INC	COM	713409100	564	15,032	SH		X		
PEPSICO INC	COM	713448108	172	2,825	SH			X	
PEPSICO INC	COM	713448108	1,333	21,917	SH		X		
PEPSICO INC	COM	713448108	5,484	90,197	SH			X	
PEPSICO INC	COM	713448108	18,812	309,404	SH		X		
PEPSICO INC	COM	713448108	28,898	475,300	SH		X		
PERRIGO CO	COM	714290103	357	8,951	SH		X		
P T TELEKOM INDON	SPON ADR	715684106	220	5,500	SH		X		
PETROHAWK ENERGY CORP	COM	716495106	27	1,139	SH			X	
PETROHAWK ENERGY CORP	COM	716495106	274	11,424	SH		X		
PETROHAWK ENERGY CORP	COM	716495106	2,565	106,900	SH		X		
PETSMART INC	COM	716768106	122	4,580	SH			X	
PETSMART INC	COM	716768106	255	9,553	SH		X		
PFIZER INC	COM	717081103	29	1,586	SH			X	
PFIZER INC	COM	717081103	476	26,170	SH		X		
PFIZER INC	COM	717081103	5,104	280,613	SH			X	
PFIZER INC	COM	717081103	19,545	1,074,499	SH		X		
PFIZER INC	COM	717081103	27,995	1,539,061	SH		X		
PHILIP MORRIS INTL INC	COM	718172109	10	200	SH		X		
PHILIP MORRIS INTL INC	COM	718172109	9,408	195,218	SH			X	
PHILIP MORRIS INTL INC	COM	718172109	24,028	498,595	SH		X		
PHILIP MORRIS INTL INC	COM	718172109	24,316	504,584	SH		X		
PIER 1 IMPORTS INC	COM	720279108	456	89,562	SH		X		
PIER 1 IMPORTS INC	COM	720279108	1,771	347,900	SH		X		
PIONEER NAT RES CO	COM	723787107	5	104	SH			X	
PIONEER NAT RES CO	COM	723787107	275	5,717	SH		X		
PITNEY BOWES INC	COM	724479100	30	1,320	SH		X		
PITNEY BOWES INC	COM	724479100	94	4,116	SH			X	
PITNEY BOWES INC	COM	724479100	2,369	104,089	SH		X		
PLAINSALLAMERNPIPELIN L	UT LTDPART	726503105	460	8,696	SH		X		
PLAINS EXPL& PRODTN CO	COM	726505100	198	7,157	SH			X	
PLAINS EXPL& PRODTN CO	COM	726505100	282	10,206	SH		X		
PLEXUS CORP	COM	729132100	93	3,250	SH			X	
PLEXUS CORP	COM	729132100	133	4,676	SH		X		
PLUM CREEK TIMBER CO IN	COM	729251108	105	2,775	SH		X		
PLUM CREEK TIMBER CO IN	COM	729251108	834	22,090	SH			X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

PLUM CREEK TIMBER CO IN	COM	729251108	2,779	73,599	SH		X	
POLO RALPH LAUREN CORP	CL A	731572103	8	97	SH			X
POLO RALPH LAUREN CORP	CL A	731572103	301	3,716	SH		X	
POPULAR INC	COM	733174106	374	165,500	SH		X	
POWELL INDS INC	COM	739128106	416	13,200	SH			X
POWER INTEGRATIONS INC	COM	739276103	5	125	SH			X
POWER INTEGRATIONS INC	COM	739276103	799	21,974	SH		X	
POWER INTEGRATIONS INC	COM	739276103	5,381	148,000	SH		X	
PRECISIONCASTPARTS CORP	COM	740189105	116	1,055	SH		X	
PRECISIONCASTPARTS CORP	COM	740189105	120	1,091	SH			X
PRICELINE COM INC	COM NEW	741503403	104	474	SH			X
PRICELINE COM INC	COM NEW	741503403	299	1,368	SH		X	
PROCTER & GAMBLE CO	COM	742718109	166	2,742	SH			X
PROCTER & GAMBLE CO	COM	742718109	2,005	33,077	SH		X	
PROCTER & GAMBLE CO	COM	742718109	8,180	134,923	SH			X
PROCTER & GAMBLE CO	COM	742718109	43,326	714,584	SH		X	
PROCTER & GAMBLE CO	COM	742718109	43,363	715,213	SH		X	
PROGRESS ENERGY INC	COM	743263105	5	124	SH		X	
PROGRESS ENERGY INC	COM	743263105	157	3,839	SH			X
PROGRESS ENERGY INC	COM	743263105	178	4,340	SH		X	
PROGRESS ENERGY INC	COM	743263105	3,792	92,462	SH		X	
PROGRESSIVE CORP OHIO	COM	743315103	183	10,183	SH			X
PROGRESSIVE CORP OHIO	COM	743315103	2,202	122,381	SH		X	
PROLOGIS	SH BEN INT	743410102	4	284	SH			X
PROLOGIS	SH BEN INT	743410102	448	32,719	SH		X	
PROTECTIVE LIFE CORP	COM	743674103	131	7,925	SH			X
PROTECTIVE LIFE CORP	COM	743674103	801	48,387	SH		X	
PROTECTIVE LIFE CORP	COM	743674103	2,354	142,248	SH		X	
PRUDENTIAL FINL INC	COM	744320102	30	594	SH			X
PRUDENTIAL FINL INC	COM	744320102	327	6,570	SH		X	
PRUDENTIAL FINL INC	COM	744320102	911	18,309	SH		X	
PUBLIC SVC ENT GROUP	COM	744573106	380	11,440	SH			X
PUBLIC SVC ENT GROUP	COM	744573106	751	22,579	SH		X	
PULTE HOMES INC	COM	745867101	1	101	SH			X
PULTE HOMES INC	COM	745867101	103	10,286	SH		X	
PULTE HOMES INC	COM	745867101	3,122	312,200	SH		X	
QLOGIC CORP	COM	747277101	8	440	SH			X
QLOGIC CORP	COM	747277101	193	10,209	SH		X	
QUALCOMM INC	COM	747525103	30	650	SH			X
QUALCOMM INC	COM	747525103	374	8,075	SH		X	
QUALCOMM INC	COM	747525103	1,700	36,747	SH			X
QUALCOMM INC	COM	747525103	15,597	337,159	SH		X	
QUALCOMM INC	COM	747525103	26,208	566,548	SH		X	
QUANTUM CORP	COM DSSG	747906204	2,930	1,000,105	SH		X	
QUANTUM CORP	COM DSSG	747906204	15,040	5,133,100	SH		X	
QUESTAR CORP	COM	748356102	68	1,635	SH			X
QUESTAR CORP	COM	748356102	284	6,843	SH		X	
QWEST COMM INTL IN	COM	749121109	4	937	SH			X
QWEST COMM INTL IN	COM	749121109	682	161,820	SH		X	
QWEST COMM INTL IN	COM	749121109	2,727	647,757	SH		X	
RPM INTL INC	COM	749685103	98	4,823	SH		X	
RPM INTL INC	COM	749685103	229	11,250	SH			X
RADIOSHACK CORP	COM	750438103	6	306	SH			X
RADIOSHACK CORP	COM	750438103	192	9,831	SH		X	
RAYONIER INC	COM	754907103	85	2,007	SH		X	
RAYONIER INC	COM	754907103	422	10,020	SH			X
RAYTHEON CO	COM NEW	755111507	72	1,400	SH		X	
RAYTHEON CO	COM NEW	755111507	137	2,660	SH			X
RAYTHEON CO	COM NEW	755111507	978	18,983	SH		X	
RAYTHEON CO	COM NEW	755111507	1,365	26,500	SH		X	
REALTY INCOME CORP	COM	756109104	87	3,372	SH			X
REALTY INCOME CORP	COM	756109104	274	10,591	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

REAVES UTIL INCOME FD	SH BEN INT	756158101	34	1,830	SH		X	
REAVES UTIL INCOME FD	SH BEN INT	756158101	297	16,000	SH			X
REGAL BELOIT CORP	COM	758750103	363	6,993	SH			X
REGAL BELOIT CORP	COM	758750103	1,631	31,400	SH		X	
REGAL BELOIT CORP	COM	758750103	31,004	596,929	SH		X	
REGIS CORP MINN	COM	758932107	27	1,755	SH			X
REGIS CORP MINN	COM	758932107	141	9,024	SH		X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
REINSURANCE GR AMER INC	COM NEW	759351604	1,050	22,039	SH		X	
REINSURANCE GR AMER INC	COM NEW	759351604	4,220	88,559	SH		X	
RELIANCE STEEL&ALUMINUM	COM	759509102	225	5,221	SH		X	
RELIANCE STEEL&ALUMINUM	COM	759509102	2,581	59,710	SH		X	
REPUBLIC SVCS INC	COM	760759100	1	43	SH			X
REPUBLIC SVCS INC	COM	760759100	13	450	SH		X	
REPUBLIC SVCS INC	COM	760759100	484	17,079	SH		X	
REPUBLIC SVCS INC	COM	760759100	1,872	66,144	SH		X	
RESEARCH IN MOTION LTD	COM	760975102	8	125	SH			X
RESEARCH IN MOTION LTD	COM	760975102	187	2,775	SH		X	
RESEARCH IN MOTION LTD	COM	760975102	208	3,074	SH			X
RESEARCH IN MOTION LTD	COM	760975102	1,678	24,846	SH		X	
RESMED INC	COM	761152107	4	80	SH			X
RESMED INC	COM	761152107	436	8,348	SH		X	
REX ENERGY CORPORATION	COM	761565100	463	38,530	SH		X	
REX ENERGY CORPORATION	COM	761565100	1,772	147,700	SH		X	
REYNOLDS AMERICAN INC	COM	761713106	74	1,398	SH			X
REYNOLDS AMERICAN INC	COM	761713106	1,041	19,660	SH		X	
REYNOLDS AMERICAN INC	COM	761713106	2,441	46,083	SH		X	
RITE AID CORP	COM	767754104	17	11,025	SH		X	
ROBERT HALF INTL INC	COM	770323103	13	505	SH			X
ROBERT HALF INTL INC	COM	770323103	334	12,479	SH		X	
ROCK-TENN CO	CL A	772739207	8	157	SH			X
ROCK-TENN CO	CL A	772739207	414	8,207	SH		X	
ROCKWELL AUTOMATION INC	COM	773903109	277	5,900	SH		X	
ROCKWELL AUTOMATION INC	COM	773903109	524	11,151	SH			X
ROCKWELL AUTOMATION INC	COM	773903109	2,079	44,243	SH		X	
ROCKWELL COLLINS INC	COM	774341101	83	1,500	SH		X	
ROCKWELL COLLINS INC	COM	774341101	171	3,084	SH			X
ROCKWELL COLLINS INC	COM	774341101	530	9,575	SH		X	
ROPER INDS INC NEW	COM	776696106	4	75	SH			X
ROPER INDS INC NEW	COM	776696106	346	6,609	SH		X	
ROPER INDS INC NEW	COM	776696106	1,985	37,900	SH		X	
ROSS STORES INC	COM	778296103	19	448	SH			X
ROSS STORES INC	COM	778296103	240	5,623	SH		X	
ROSS STORES INC	COM	778296103	4,147	97,100	SH		X	
ROVI CORP	COM	779376102	5	168	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

ROVI CORP	COM	779376102	918	28,800	SH		X	
ROVI CORP	COM	779376102	5,150	161,600	SH		X	
ROWAN COS INC	COM	779382100	10	445	SH			X
ROWAN COS INC	COM	779382100	458	20,241	SH		X	
ROYALBKCD MONTREAL QUE	COM	780087102	172	3,221	SH			X
ROYALBKCD MONTREAL QUE	COM	780087102	503	9,393	SH		X	
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	54	937	SH		X	
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	438	7,539	SH			X
ROYAL DUTCH SHELL PLC	SPON ADR A	780259206	93	1,550	SH		X	
ROYAL DUTCH SHELL PLC	SPON ADR A	780259206	1,045	17,390	SH			X
ROYAL DUTCH SHELL PLC	SPON ADR A	780259206	4,196	69,798	SH		X	
RUDDICK CORP	COM	781258108	84	3,250	SH			X
RUDDICK CORP	COM	781258108	126	4,897	SH		X	
RYANAIR HLDGS PLC	SPON ADR	783513104	97	3,624	SH			X
RYANAIR HLDGS PLC	SPON ADR	783513104	340	12,671	SH		X	
SAFEGUARD SCI INC	COM NEW	786449207	1,480	143,546	SH		X	
SAFEGUARD SCI INC	COM NEW	786449207	5,730	555,800	SH		X	
SAFEGUARD SCI INC	COM NEW	786514208	9	400	SH		X	
SAFEGUARD SCI INC	COM NEW	786514208	72	3,389	SH			X
SAFEGUARD SCI INC	COM NEW	786514208	1,027	48,246	SH		X	
SAFEGUARD SCI INC	COM NEW	786514208	3,253	152,785	SH		X	
ST JUDE MED INC	COM	790849103	110	2,979	SH			X
ST JUDE MED INC	COM	790849103	388	10,555	SH		X	
ST MARY LD & EXPL CO	COM	792228108	551	16,105	SH			X
ST MARY LD & EXPL CO	COM	792228108	3,676	107,362	SH		X	
SANMINA SCI CORP	COM NEW	800907206	393	35,684	SH		X	
SANMINA SCI CORP	COM NEW	800907206	1,517	137,500	SH		X	
SAP AG	SPON ADR	803054204	102	2,188	SH			X
SAP AG	SPON ADR	803054204	352	7,529	SH		X	
SARA LEE CORP	COM	803111103	17	1,400	SH			X
SARA LEE CORP	COM	803111103	24	2,000	SH		X	
SARA LEE CORP	COM	803111103	128	10,529	SH			X
SARA LEE CORP	COM	803111103	440	36,145	SH		X	
SASOL LTD	SPON ADR	803866300	232	5,800	SH			X
SCANSOURCE INC	COM	806037107	115	4,317	SH			X
SCANSOURCE INC	COM	806037107	211	7,916	SH		X	
SCHEIN HENRY INC	COM	806407102	18	335	SH			X
SCHEIN HENRY INC	COM	806407102	189	3,587	SH		X	
SCHLUMBERGER LTD	COM	806857108	98	1,500	SH			X
SCHLUMBERGER LTD	COM	806857108	1,242	19,075	SH		X	
SCHLUMBERGER LTD	COM	806857108	2,015	30,951	SH			X
SCHLUMBERGER LTD	COM	806857108	6,419	98,619	SH		X	
SCHLUMBERGER LTD	COM	806857108	17,542	269,500	SH		X	
SCHOOL SPECIALTY INC	COM	807863105	1,610	68,814	SH		X	
SCHWAB CHARLES CORP NEW	COM	808513105	88	4,650	SH			X
SCHWAB CHARLES CORP NEW	COM	808513105	115	6,103	SH		X	
SCHWAB CHARLES CORP NEW	COM	808513105	487	25,898	SH			X
SCHWAB CHARLES CORP NEW	COM	808513105	1,001	53,175	SH		X	
SCHWAB CHARLES CORP NEW	COM	808513105	8,710	462,780	SH		X	
SEARS HLDGS CORP	COM	812350106	26	310	SH			X
SEARS HLDGS CORP	COM	812350106	589	7,055	SH		X	
SEMPRA ENERGY	COM	816851109	80	1,437	SH			X
SEMPRA ENERGY	COM	816851109	1,331	23,775	SH		X	
SEMPRA ENERGY	COM	816851109	2,405	42,963	SH		X	
SHERWIN WILLIAMS CO	COM	824348106	71	1,144	SH			X
SHERWIN WILLIAMS CO	COM	824348106	148	2,400	SH		X	
SHERWIN WILLIAMS CO	COM	824348106	232	3,768	SH		X	
SIEMENS A G	SPON ADR	826197501	375	4,088	SH		X	
SIEMENS A G	SPON ADR	826197501	711	7,750	SH			X
SIGMA ALDRICH CORP	COM	826552101	164	3,254	SH			X
SIGMA ALDRICH CORP	COM	826552101	1,445	28,590	SH		X	
SILICON LABS INC	COM	826919102	83	1,717	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

SILICON LABS INC	COM	826919102	1,993	41,200	SH		X	
SILGAN HOLDINGS INC	COM	827048109	199	3,439	SH			X
SILGAN HOLDINGS INC	COM	827048109	214	3,700	SH		X	
SIMON PPTY GR INC NEW	COM	828806109	60	755	SH			X
SIMON PPTY GR INC NEW	COM	828806109	1,824	22,855	SH		X	
SMITH A O	COM	831865209	106	2,450	SH		X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
SMITH A O	COM	831865209	264	6,090	SH			X
SMITH INTL INC	COM	832110100	3	102	SH			X
SMITH INTL INC	COM	832110100	207	7,604	SH		X	
SMUCKER J M CO	COM NEW	832696405	169	2,731	SH		X	
SMUCKER J M CO	COM NEW	832696405	511	8,271	SH			X
SNAP ON INC	COM	833034101	13	300	SH		X	
SNAP ON INC	COM	833034101	90	2,122	SH		X	
SNAP ON INC	COM	833034101	387	9,160	SH			X
SOCIEDAD QUIMICA MIN DE	SPADR SERB	833635105	99	2,624	SH			X
SOCIEDAD QUIMICA MIN DE	SPADR SERB	833635105	266	7,072	SH		X	
SOLUTIA INC	COM NEW	834376501	254	20,000	SH			X
SOLUTIA INC	COM NEW	834376501	3,595	283,100	SH		X	
SOLUTIA INC	COM NEW	834376501	4,213	331,721	SH		X	
SONIC SOLUTIONS	COM	835460106	1,559	132,240	SH		X	
SONIC SOLUTIONS	COM	835460106	5,959	505,400	SH		X	
SONOCO PRODS CO	COM	835495102	3	100	SH			X
SONOCO PRODS CO	COM	835495102	19	650	SH			X
SONOCO PRODS CO	COM	835495102	82	2,800	SH		X	
SONOCO PRODS CO	COM	835495102	175	5,971	SH		X	
SOUTH FINL GROUP INC	COM	837841105	18	28,500	SH		X	
SOUTH JERSEY INDS INC	COM	838518108	56	1,460	SH			X
SOUTH JERSEY INDS INC	COM	838518108	181	4,745	SH		X	
SOUTHERN CO	COM	842587107	17	500	SH		X	
SOUTHERN CO	COM	842587107	27	800	SH			X
SOUTHERN CO	COM	842587107	306	9,195	SH		X	
SOUTHERN CO	COM	842587107	751	22,540	SH			X
SOUTHERN CO	COM	842587107	4,245	127,408	SH		X	
SOUTHWEST AIRLS CO	COM	844741108	5	398	SH			X
SOUTHWEST AIRLS CO	COM	844741108	396	34,677	SH		X	
SOUTHWESTERN ENERGY CO	COM	845467109	153	3,166	SH			X
SOUTHWESTERN ENERGY CO	COM	845467109	1,397	28,981	SH		X	
SOUTHWESTERN ENERGY CO	COM	845467109	3,022	62,700	SH		X	
SPECTRA ENERGY CORP	COM	847560109	6	300	SH		X	
SPECTRA ENERGY CORP	COM	847560109	126	6,165	SH		X	
SPECTRA ENERGY CORP	COM	847560109	162	7,892	SH			X
SPECTRA ENERGY CORP	COM	847560109	2,631	128,299	SH		X	
SPRINT NEXTEL CORP	COM SER 1	852061100	208	56,766	SH		X	
STANCORP FINL GROUP INC	COM	852891100	36	890	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

STANCORP FINL GROUP INC	COM	852891100	197	4,914	SH		X	
STAPLES INC	COM	855030102	12	500	SH			X
STAPLES INC	COM	855030102	123	5,000	SH		X	
STAPLES INC	COM	855030102	648	26,366	SH			X
STAPLES INC	COM	855030102	3,286	133,629	SH		X	
STAPLES INC	COM	855030102	8,541	347,341	SH		X	
STARBUCKS CORP	COM	855244109	27	1,150	SH			X
STARBUCKS CORP	COM	855244109	412	17,850	SH		X	
STARBUCKS CORP	COM	855244109	484	20,970	SH			X
STARBUCKS CORP	COM	855244109	952	41,269	SH		X	
STATE STR CORP	COM	857477103	80	1,836	SH			X
STATE STR CORP	COM	857477103	2,088	47,963	SH		X	
STATE STR CORP	COM	857477103	8,085	185,691	SH		X	
STEEL DYNAMICS INC	COM	858119100	2	114	SH			X
STEEL DYNAMICS INC	COM	858119100	82	4,625	SH		X	
STEEL DYNAMICS INC	COM	858119100	2,272	128,200	SH		X	
STERICYCLE INC	COM	858912108	25	450	SH			X
STERICYCLE INC	COM	858912108	76	1,375	SH		X	
STERICYCLE INC	COM	858912108	348	6,311	SH			X
STERICYCLE INC	COM	858912108	1,146	20,776	SH		X	
STRAYER ED INC	COM	863236105	3	16	SH			X
STRAYER ED INC	COM	863236105	299	1,405	SH		X	
STRYKER CORP	COM	863667101	77	1,525	SH			X
STRYKER CORP	COM	863667101	658	13,060	SH		X	
STRYKER CORP	COM	863667101	893	17,729	SH			X
STRYKER CORP	COM	863667101	9,482	188,241	SH		X	
SUN MICROSYSTEMS INC	COM NEW	866810203	10	1,076	SH			X
SUN MICROSYSTEMS INC	COM NEW	866810203	202	21,549	SH		X	
SUNCOR ENERGY INC NEW	COM	867224107	312	8,834	SH			X
SUNCOR ENERGY INC NEW	COM	867224107	347	9,822	SH		X	
SUNTRUST BKS INC	COM	867914103	145	7,144	SH			X
SUNTRUST BKS INC	COM	867914103	775	38,199	SH		X	
SUPERTEX INC	COM	868532102	1,103	37,034	SH		X	
SUPERTEX INC	COM	868532102	4,217	141,500	SH		X	
SUPERVALU INC	COM	868536103	8	600	SH			X
SUPERVALU INC	COM	868536103	170	13,413	SH		X	
SYBASE INC	COM	871130100	11	247	SH			X
SYBASE INC	COM	871130100	208	4,778	SH		X	
SYBASE INC	COM	871130100	2,265	52,200	SH		X	
SYKES ENTERPRISES INC	COM	871237103	14	541	SH			X
SYKES ENTERPRISES INC	COM	871237103	1,012	39,721	SH		X	
SYKES ENTERPRISES INC	COM	871237103	3,739	146,800	SH		X	
SYMANTEC CORP	COM	871503108	6	327	SH			X
SYMANTEC CORP	COM	871503108	401	22,413	SH		X	
SYNOPSIS INC	COM	871607107	277	12,418	SH			X
SYNOPSIS INC	COM	871607107	1,606	72,057	SH		X	
SYNOPSIS INC	COM	871607107	2,544	114,215	SH		X	
SYSCO CORP	COM	871829107	6	200	SH		X	
SYSCO CORP	COM	871829107	154	5,505	SH		X	
SYSCO CORP	COM	871829107	1,083	38,762	SH			X
SYSCO CORP	COM	871829107	4,586	164,141	SH		X	
TECO ENERGY INC	COM	872375100	10	600	SH			X
TECO ENERGY INC	COM	872375100	220	13,538	SH		X	
TJX COS INC NEW	COM	872540109	376	10,294	SH			X
TJX COS INC NEW	COM	872540109	1,160	31,730	SH		X	
TJX COS INC NEW	COM	872540109	3,341	91,400	SH		X	
TAIWAN SEMICOND MFG LTD	SPON ADR	874039100	457	39,912	SH			X
TAIWAN SEMICOND MFG LTD	SPON ADR	874039100	1,414	123,584	SH		X	
TASEKO MINES LTD	COM	876511106	425	100,836	SH		X	
TASEKO MINES LTD	COM	876511106	1,638	388,100	SH		X	
TECHNE CORP	COM	878377100	29	429	SH		X	
TECHNE CORP	COM	878377100	344	5,018	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

TECK RESOURCES LTD	CL B	878742204	70	2,009	SH			X
TECK RESOURCES LTD	CL B	878742204	163	4,675	SH		X	
TEKELEC	COM	879101103	347	22,732	SH		X	
TELECOMCORP NEWZEAL LTD	SPON ADR	879278208	91	10,161	SH		X	
TELEFLEX INC	COM	879369106	47	868	SH		X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
TELEFLEX INC	COM	879369106	163	3,020	SH			X
TELEFONICA S A	SPON ADR	879382208	169	2,024	SH			X
TELEFONICA S A	SPON ADR	879382208	720	8,625	SH		X	
TELLABS INC	COM	879664100	3	500	SH		X	
TELLABS INC	COM	879664100	35	6,183	SH			X
TELLABS INC	COM	879664100	111	19,468	SH		X	
TEMPLE INLAND INC	COM	879868107	67	3,182	SH			X
TEMPLE INLAND INC	COM	879868107	343	16,256	SH		X	
TERADYNE INC	COM	880770102	12	1,137	SH			X
TERADYNE INC	COM	880770102	654	60,970	SH		X	
TERADYNE INC	COM	880770102	8,826	822,600	SH		X	
TERRA NITROGEN CO L P	COM UT	881005201	258	2,475	SH		X	
TERREMARK WORLDWIDE INC	COM NEW	881448203	737	107,858	SH		X	
TERREMARK WORLDWIDE INC	COM NEW	881448203	2,850	416,600	SH		X	
TESORO CORP	COM	881609101	15	1,119	SH			X
TESORO CORP	COM	881609101	259	19,126	SH		X	
TEVA PHARMA INDS LTD	ADR	881624209	6	100	SH		X	
TEVA PHARMA INDS LTD	ADR	881624209	1,249	22,239	SH			X
TEVA PHARMA INDS LTD	ADR	881624209	3,330	59,281	SH		X	
TEXAS INSTRS INC	COM	882508104	628	24,102	SH			X
TEXAS INSTRS INC	COM	882508104	1,114	42,742	SH		X	
TEXAS INSTRS INC	COM	882508104	8,884	340,900	SH		X	
TEXTRON INC	COM	883203101	17	929	SH			X
TEXTRON INC	COM	883203101	247	13,121	SH		X	
THERMO FISHER SCI INC	COM	883556102	619	12,977	SH			X
THERMO FISHER SCI INC	COM	883556102	3,148	66,017	SH		X	
THERMO FISHER SCI INC	COM	883556102	3,560	74,639	SH		X	
THOMAS & BETTS CORP	COM	884315102	35	970	SH			X
THOMAS & BETTS CORP	COM	884315102	944	26,374	SH		X	
THOMAS & BETTS CORP	COM	884315102	2,984	83,372	SH		X	
THORATEC CORP	COM NEW	885175307	716	26,596	SH		X	
THORATEC CORP	COM NEW	885175307	2,393	88,900	SH		X	
3COM CORP	COM	885535104	1	187	SH			X
3COM CORP	COM	885535104	87	11,619	SH		X	
TIDEWATER INC	COM	886423102	33	686	SH			X
TIDEWATER INC	COM	886423102	934	19,480	SH		X	
TIDEWATER INC	COM	886423102	3,057	63,753	SH		X	
TIME WARNER INC	COM NEW	887317303	418	14,332	SH			X
TIME WARNER INC	COM NEW	887317303	5,862	201,169	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

TIME WARNER INC	COM NEW	887317303	10,640	365,117	SH	X	
TITANIUM METALS CORP	COM NEW	888339207	4	301	SH		X
TITANIUM METALS CORP	COM NEW	888339207	304	24,279	SH	X	
TOMOTHERAPY INC	COM	890088107	5,944	1,524,056	SH	X	
TORCHMARK CORP	COM	891027104	12	281	SH		X
TORCHMARK CORP	COM	891027104	370	8,413	SH	X	
TORONTO DOMINION BK ONT	COM NEW	891160509	403	6,430	SH		X
TORONTO DOMINION BK ONT	COM NEW	891160509	498	7,935	SH	X	
TOWER GROUP INC	COM	891777104	7	285	SH		X
TOWER GROUP INC	COM	891777104	1,218	52,022	SH	X	
TOWER GROUP INC	COM	891777104	6,591	281,539	SH	X	
TOTAL SYS SVCS INC	COM	891906109	60	3,473	SH	X	
TOTAL SYS SVCS INC	COM	891906109	164	9,488	SH		X
TOYOTA MOTOR CORP	SP ADR REP2	892331307	46	548	SH		X
TOYOTA MOTOR CORP	SP ADR REP2	892331307	1,142	13,575	SH	X	
TRACTOR SUPPLY CO	COM	892356106	11	215	SH		X
TRACTOR SUPPLY CO	COM	892356106	317	5,980	SH	X	
TRANSATLANTIC HLDGS INC	COM	893521104	56	1,077	SH	X	
TRANSATLANTIC HLDGS INC	COM	893521104	199	3,821	SH		X
TRIMBLE NAVIGATION LTD	COM	896239100	17	660	SH		X
TRIMBLE NAVIGATION LTD	COM	896239100	234	9,280	SH	X	
TRIUMPH GROUP INC NEW	COM	896818101	55	1,150	SH		X
TRIUMPH GROUP INC NEW	COM	896818101	190	3,935	SH	X	
TUPPERWARE BRANDS CORP	COM	899896104	775	16,634	SH		X
TUPPERWARE BRANDS CORP	COM	899896104	777	16,694	SH	X	
TWIN DISC INC	COM	901476101	114	10,932	SH		X
TYSON FOODS INC	CL A	902494103	777	63,330	SH	X	
TYSON FOODS INC	CL A	902494103	4,382	357,160	SH	X	
UGI CORP NEW	COM	902681105	1	47	SH		X
UGI CORP NEW	COM	902681105	282	11,663	SH	X	
US BANCORP DEL	COM NEW	902973304	37	1,625	SH	X	
US BANCORP DEL	COM NEW	902973304	1,350	59,981	SH		X
US BANCORP DEL	COM NEW	902973304	12,237	543,620	SH	X	
US BANCORP DEL	COM NEW	902973304	13,644	606,140	SH	X	
ULTRATECH INC	COM	904034105	1	95	SH		X
ULTRATECH INC	COM	904034105	709	47,802	SH	X	
ULTRATECH INC	COM	904034105	2,701	182,000	SH	X	
UNDER ARMOUR INC	CL A	904311107	12	430	SH		X
UNDER ARMOUR INC	CL A	904311107	46	1,692	SH	X	
UNDER ARMOUR INC	CL A	904311107	2,045	75,000	SH	X	
UNILEVER PLC	SP ADR NEW	904767704	78	2,460	SH		X
UNILEVER PLC	SP ADR NEW	904767704	167	5,250	SH	X	
UNILEVER N V	N Y SHS NEW	904784709	23	710	SH		X
UNILEVER N V	N Y SHS NEW	904784709	636	19,669	SH	X	
UNION PAC CORP	COM	907818108	13	200	SH	X	
UNION PAC CORP	COM	907818108	1,190	18,627	SH		X
UNION PAC CORP	COM	907818108	5,143	80,491	SH	X	
UPS INC	CL B	911312106	6	100	SH		X
UPS INC	CL B	911312106	40	700	SH	X	
UPS INC	CL B	911312106	1,139	19,861	SH		X
UPS INC	CL B	911312106	14,349	250,112	SH	X	
UPS INC	CL B	911312106	14,658	255,501	SH	X	
UNITED RENTALS INC	COM	911363109	108	11,002	SH	X	
UNITED STATES STL CORP	COM	912909108	13	239	SH		X
UNITED STATES STL CORP	COM	912909108	348	6,313	SH	X	
UNITED STATIONERS INC	COM	913004107	90	1,575	SH		X
UNITED STATIONERS INC	COM	913004107	177	3,103	SH	X	
UNITED TECH CORP	COM	913017109	76	1,100	SH		X
UNITED TECH CORP	COM	913017109	1,582	22,792	SH	X	
UNITED TECH CORP	COM	913017109	3,276	47,196	SH		X
UNITED TECH CORP	COM	913017109	8,943	128,840	SH	X	
UNITED TECH CORP	COM	913017109	18,646	268,640	SH	X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

UNIVERSAL HLTH SVCS INC	CL B	913903100	9	303	SH					X
UNIVERSAL HLTH SVCS INC	CL B	913903100	309	10,121	SH				X	
URBAN OUTFITTERS INC	COM	917047102	294	8,391	SH					X
URBAN OUTFITTERS INC	COM	917047102	1,608	45,945	SH				X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
V F CORP	COM	918204108	151	2,059	SH			X
V F CORP	COM	918204108	2,402	32,803	SH		X	
V F CORP	COM	918204108	5,830	79,600	SH		X	
VALSPAR CORP	COM	920355104	91	3,365	SH			X
VALSPAR CORP	COM	920355104	239	8,824	SH		X	
VANGUARD BD IDX FD INC	INTRMDTRM	921937819	981	12,410	SH			X
VANGUARD BD IDX FD INC	INTRMDTRM	921937819	24,112	304,947	SH		X	
VANGUARD BD IDX FD INC	SH TRM BD	921937827	1,223	15,380	SH			X
VANGUARD BD IDX FD INC	SH TRM BD	921937827	18,793	236,275	SH		X	
VANGUARD WHITEHALL FDS	HIGHDIVYLD	921946406	201	5,278	SH			X
VANGUARD WHITEHALL FDS	HIGHDIVYLD	921946406	488	12,849	SH		X	
VANGUARD INTL EQ IDX F	ALLWRLDEXUS	922042775	191	4,390	SH		X	
VANGUARD INTL EQ IDX F	ALLWRLDEXUS	922042775	996	22,850	SH			X
VANGUARD INTL EQ IDX F	EMR MKT ETF	922042858	1,647	40,165	SH			X
VANGUARD INTL EQ IDX F	EMR MKT ETF	922042858	6,856	167,216	SH		X	
VANGUARD INTL EQ IDX F	EURPEAN ETF	922042874	83	1,705	SH			X
VANGUARD INTL EQ IDX F	EURPEAN ETF	922042874	1,024	21,126	SH		X	
VANGUARD INDEX FDS	MCVLIDXVIP	922908512	688	15,500	SH		X	
VANGUARD INDEX FDS	MCGRIDXVIP	922908538	485	10,000	SH		X	
VANGUARD INDEX FDS	REIT ETF	922908553	274	6,135	SH		X	
VANGUARD INDEX FDS	SC VAL ETF	922908611	4,622	84,835	SH		X	
VANGUARD INDEX FDS	MC ETF	922908629	156	2,600	SH			X
VANGUARD INDEX FDS	MC ETF	922908629	957	15,970	SH		X	
VANGUARD INDEX FDS	EXTMKTETF	922908652	129	3,000	SH			X
VANGUARD INDEX FDS	EXTMKTETF	922908652	260	6,030	SH		X	
VANGUARD INDEX FDS	GR ETF	922908736	824	15,530	SH			X
VANGUARD INDEX FDS	GR ETF	922908736	4,419	83,280	SH		X	
VANGUARD INDEX FDS	VALUE ETF	922908744	436	9,122	SH		X	
VANGUARD INDEX FDS	VALUE ETF	922908744	811	16,983	SH			X
VANGUARD INDEX FDS	STKMRKETF	922908769	819	14,523	SH			X
VANGUARD INDEX FDS	STKMRKETF	922908769	3,494	61,988	SH		X	
VIOPHARMA INC	COM	928241108	378	45,085	SH		X	
VISHAY INTERTECHN INC	COM	928298108	190	22,794	SH		X	
VORNADO RLTY TR	SH BEN INT	929042109	46	653	SH		X	
VORNADO RLTY TR	SH BEN INT	929042109	381	5,454	SH			X
VULCAN MATLS CO	COM	929160109	12	228	SH			X
VULCAN MATLS CO	COM	929160109	13	250	SH		X	
VULCAN MATLS CO	COM	929160109	1,638	31,090	SH		X	
WACOAL HOLDINGS CORP	ADR	930004205	12	216	SH		X	
WACOAL HOLDINGS CORP	ADR	930004205	255	4,640	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

WADDELL & REED FINL INC	CL A	930059100	13	420	SH			X
WADDELL & REED FINL INC	CL A	930059100	137	4,497	SH		X	
WADDELL & REED FINL INC	CL A	930059100	1,839	60,200	SH		X	
WAL MART STORES INC	COM	931142103	78	1,450	SH			X
WAL MART STORES INC	COM	931142103	1,508	28,208	SH		X	
WAL MART STORES INC	COM	931142103	3,340	62,497	SH			X
WAL MART STORES INC	COM	931142103	19,324	361,524	SH		X	
WAL MART STORES INC	COM	931142103	36,981	691,877	SH		X	
WALGREEN CO	COM	931422109	244	6,650	SH			X
WALGREEN CO	COM	931422109	309	8,417	SH		X	
WALGREEN CO	COM	931422109	3,955	107,720	SH			X
WALGREEN CO	COM	931422109	8,010	218,128	SH		X	
WALGREEN CO	COM	931422109	8,427	229,504	SH		X	
WATERS CORP	COM	941848103	286	4,614	SH			X
WATERS CORP	COM	941848103	1,349	21,778	SH		X	
WATSON PHARMA INC	COM	942683103	56	1,425	SH			X
WATSON PHARMA INC	COM	942683103	423	10,668	SH		X	
WAUSAU PAPER CORP	COM	943315101	1,052	90,684	SH		X	
WAUSAU PAPER CORP	COM	943315101	1,694	145,999	SH			X
WELLS FARGO & CO NEW	COM	949746101	19	700	SH			X
WELLS FARGO & CO NEW	COM	949746101	219	8,125	SH		X	
WELLS FARGO & CO NEW	COM	949746101	2,086	77,289	SH			X
WELLS FARGO & CO NEW	COM	949746101	15,668	580,518	SH		X	
WELLS FARGO & CO NEW	COM	949746101	19,273	714,091	SH		X	
WESTERN DIGITAL CORP	COM	958102105	648	14,680	SH			X
WESTERN DIGITAL CORP	COM	958102105	2,181	49,383	SH		X	
WESTERN DIGITAL CORP	COM	958102105	18,365	415,960	SH		X	
WESTERN UN CO	COM	959802109	16	874	SH			X
WESTERN UN CO	COM	959802109	387	20,521	SH		X	
WEYCO GROUP INC	COM	962149100	244	10,332	SH			X
WEYERHAEUSER CO	COM	962166104	200	4,625	SH		X	
WEYERHAEUSER CO	COM	962166104	289	6,692	SH			X
WEYERHAEUSER CO	COM	962166104	5,736	132,953	SH		X	
WHIRLPOOL CORP	COM	963320106	42	519	SH			X
WHIRLPOOL CORP	COM	963320106	1,861	23,062	SH		X	
WHIRLPOOL CORP	COM	963320106	7,741	95,971	SH		X	
WHITING PETE CORP NEW	COM	966387102	285	3,992	SH			X
WHITNEY HLDG CORP	COM	966612103	26	2,900	SH			X
WHITNEY HLDG CORP	COM	966612103	91	10,018	SH		X	
WILLIAMS COS INC DEL	COM	969457100	117	5,574	SH			X
WILLIAMS COS INC DEL	COM	969457100	2,589	122,847	SH		X	
WILLIAMS COS INC DEL	COM	969457100	3,631	172,218	SH		X	
WINN DIXIE STORES INC	COM NEW	974280307	98	9,800	SH			X
WINN DIXIE STORES INC	COM NEW	974280307	114	11,345	SH		X	
WISCONSIN ENERGY CORP	COM	976657106	11	212	SH		X	
WISCONSIN ENERGY CORP	COM	976657106	1,397	28,039	SH			X
WISCONSIN ENERGY CORP	COM	976657106	4,288	86,061	SH		X	
WOODWARD GOVERNOR CO	COM	980745103	15	566	SH			X
WOODWARD GOVERNOR CO	COM	980745103	540	20,953	SH		X	
WORTHINGTON INDS INC	COM	981811102	35	2,660	SH			X
WORTHINGTON INDS INC	COM	981811102	124	9,471	SH		X	
XATA CORP	COM NEW	983882309	812	283,001	SH		X	
XEROX CORP	COM	984121103	75	8,861	SH			X
XEROX CORP	COM	984121103	2,149	253,949	SH		X	
XEROX CORP	COM	984121103	3,986	471,182	SH		X	
YAHOO INC	COM	984332106	124	7,396	SH			X
YAHOO INC	COM	984332106	156	9,300	SH		X	
YAHOO INC	COM	984332106	518	30,878	SH		X	
YUM BRANDS INC	COM	988498101	77	2,216	SH			X
YUM BRANDS INC	COM	988498101	1,652	47,251	SH		X	
YUM BRANDS INC	COM	988498101	3,975	113,660	SH		X	
ZWEIG FD	COM	989834106	188	56,931	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

ALLIANCEBERNSTEIN INCFD	COM	1.88E+104	10	1,200	SH			X
ALLIANCEBERNSTEIN INCFD	COM	1.88E+104	118	14,298	SH		X	
TALISMAN ENERGY INC	COM	8.74E+107	93	4,963	SH		X	

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
TALISMAN ENERGY INC	COM	8.74E+107	137	7,327	SH			X
APAC CUSTOMER SRVCS INC	COM	1.85E+108	376	63,200	SH		X	
APAC CUSTOMER SRVCS INC	COM	1.85E+108	1,451	243,400	SH		X	
AMERISOURCEBERGEN CORP	COM	3.07E+108	58	2,218	SH			X
AMERISOURCEBERGEN CORP	COM	3.07E+108	1,976	75,806	SH		X	
AMERISOURCEBERGEN CORP	COM	3.07E+108	6,922	265,511	SH		X	
NEWS CORP	CL A	6.52E+108	103	7,516	SH			X
NEWS CORP	CL A	6.52E+108	757	55,300	SH		X	
SALLY BEAUTY HLDGS INC	COM	7.95E+108	115	15,000	SH		X	
UNIVERSAL HLTHRLTY INCT	SH BEN INT	9.14E+109	54	1,700	SH		X	
VALE S A	ADR	9.19E+109	152	5,241	SH			X
VALE S A	ADR	9.19E+109	427	14,705	SH		X	
FLAHERTY&CRUMRINEPFDINC	COM	3.38E+110	93	11,200	SH		X	
TARGET CORP	COM	8.76E+110	122	2,525	SH			X
TARGET CORP	COM	8.76E+110	1,259	26,025	SH		X	
TARGET CORP	COM	8.76E+110	2,001	41,368	SH			X
TARGET CORP	COM	8.76E+110	6,812	140,831	SH		X	
TARGET CORP	COM	8.76E+110	18,443	381,290	SH		X	
EDWARDS LIFESCIENCES	COM	2.82E+112	118	1,357	SH		X	
EDWARDS LIFESCIENCES	COM	2.82E+112	1,567	18,041	SH			X
EDWARDS LIFESCIENCES	COM	2.82E+112	8,020	92,348	SH		X	
DR PEPPER SNAPPLE GR IN	COM	2.61E+113	2	84	SH			X
DR PEPPER SNAPPLE GR IN	COM	2.61E+113	718	25,347	SH		X	
DR PEPPER SNAPPLE GR IN	COM	2.61E+113	2,470	87,276	SH		X	
TOTAL S A	SPON ADR	8.92E+113	174	2,710	SH			X
TOTAL S A	SPON ADR	8.92E+113	273	4,268	SH		X	
TRAVELERS COMPANIES INC	COM	8.94E+113	466	9,355	SH			X
TRAVELERS COMPANIES INC	COM	8.94E+113	3,446	69,106	SH		X	
TRAVELERS COMPANIES INC	COM	8.94E+113	5,166	103,610	SH		X	
ACCO BRANDS CORP	COM	00081T108	1	188	SH			X
ACCO BRANDS CORP	COM	00081T108	110	15,107	SH		X	
AFC ENTERPRISES INC	COM	00104Q107	97	11,850	SH		X	
AES CORP	COM	00130H105	34	2,534	SH			X
AES CORP	COM	00130H105	443	33,274	SH		X	
AOL INC	COM	00184X105	7	319	SH			X
AOL INC	COM	00184X105	13	566	SH		X	
AOL INC	COM	00184X105	215	9,244	SH		X	
AT&T INC	COM	00206R102	198	7,066	SH			X
AT&T INC	COM	00206R102	1,489	53,123	SH		X	
AT&T INC	COM	00206R102	5,068	180,794	SH			X
AT&T INC	COM	00206R102	30,461	1,086,731	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

AT&T INC	COM	00206R102	33,792	1,205,559	SH		X
ATC TECHNOLOGY CORP	COM	00211W104	225	9,430	SH		X
ABOVENET INC	COM	00374N107	666	10,244	SH		X
ABOVENET INC	COM	00374N107	4,381	67,360	SH		X
ADOBE SYS INC	COM	00724F101	24	657	SH		X
ADOBE SYS INC	COM	00724F101	1,099	29,876	SH		X
ADTRAN INC	COM	00738A106	69	3,060	SH		X
ADTRAN INC	COM	00738A106	367	16,280	SH		X
ADVANCED SEMICONDR ENGR	SPON ADR	00756M404	133	30,000	SH		X
ADVANTAGE OIL & GAS LTD	COM	00765F101	157	24,010	SH		X
AECOM TECHNOLOGY CORP	COM	00766T100	7	263	SH		X
AECOM TECHNOLOGY CORP	COM	00766T100	1,003	36,441	SH		X
AECOM TECHNOLOGY CORP	COM	00766T100	3,119	113,400	SH		X
AETNA INC NEW	COM	00817Y108	408	12,868	SH		X
AETNA INC NEW	COM	00817Y108	851	26,857	SH		X
AFFYMETRIX INC	COM	00826T108	92	15,726	SH		X
ALLEGHENY TECH INC	COM	01741R102	14	315	SH		X
ALLEGHENY TECH INC	COM	01741R102	404	9,022	SH		X
ALLSCRIPT MISY HLTCRSOL	COM	01988P108	318	15,702	SH		X
ALTRIA GROUP INC	COM	02209S103	10	500	SH		X
ALTRIA GROUP INC	COM	02209S103	2,100	106,972	SH		X
ALTRIA GROUP INC	COM	02209S103	2,486	126,620	SH		X
ALTRIA GROUP INC	COM	02209S103	8,644	440,362	SH		X
AMERICA MOVIL SAB DE CV	SPON ADR L	02364W105	297	6,320	SH		X
AMERICA MOVIL SAB DE CV	SPON ADR L	02364W105	920	19,593	SH		X
AMERIGON INC	COM	03070L300	1,054	132,688	SH		X
AMERIGON INC	COM	03070L300	4,084	514,400	SH		X
AMERIPRISE FINL INC	COM	03076C106	8	218	SH		X
AMERIPRISE FINL INC	COM	03076C106	412	10,605	SH		X
AMERIPRISE FINL INC	COM	03076C106	8,060	207,628	SH		X
AMERIPRISE FINL INC	COM	03076C106	29,093	749,426	SH		X
ANHEUSBUSCH INBEV SA/NV	SPON ADR	03524A108	259	4,974	SH		X
ANHEUSBUSCH INBEV SA/NV	SPON ADR	03524A108	852	16,368	SH		X
ANSYS INC	COM	03662Q105	36	822	SH		X
ANSYS INC	COM	03662Q105	383	8,810	SH		X
APPLIEDMICROCIRCUITCORP	COM NEW	03822W406	536	71,780	SH		X
APPLIEDMICROCIRCUITCORP	COM NEW	03822W406	2,057	275,400	SH		X
ARIBA INC	COM NEW	04033V203	658	52,506	SH		X
ARIBA INC	COM NEW	04033V203	2,451	195,800	SH		X
ART TECHNOLOGY GR INC	COM	04289L107	501	111,112	SH		X
ART TECHNOLOGY GR INC	COM	04289L107	1,919	425,500	SH		X
ASSURANT INC	COM	04621X108	5	161	SH		X
ASSURANT INC	COM	04621X108	353	11,966	SH		X
AUTONATION INC	COM	05329W102	12	638	SH		X
AUTONATION INC	COM	05329W102	415	21,661	SH		X
AVISTA CORP	COM	05379B107	2	72	SH		X
AVISTA CORP	COM	05379B107	268	12,409	SH		X
BCE INC	COM NEW	05534B760	276	10,000	SH		X
BJS WHOLESALE CLUB INC	COM	05548J106	37	1,126	SH		X
BJS WHOLESALE CLUB INC	COM	05548J106	1,570	48,000	SH		X
BANCOBILBAOVIZCAYAARGEN	SPON ADR	05946K101	164	9,103	SH		X
BANCOBILBAOVIZCAYAARGEN	SPON ADR	05946K101	430	23,825	SH		X
BARCLAYS BK PLC	DJAIG CMDTY	06738C778	207	4,887	SH		X
BARCLAYS BK PLC	DJAIG CMDTY	06738C778	1,531	36,230	SH		X
BARCLAYS BK PLC	IPSPCROIL	06738C786	1,066	41,175	SH		X
BARCLAYS BANK PLC	ETN DJUBS	06739H644	414	29,000	SH		X
BIO-REFERENCE LABS INC	COM\$.01NEW	09057G602	620	15,843	SH		X
BIO-REFERENCE LABS INC	COM\$.01NEW	09057G602	2,144	54,800	SH		X
BIOTECH HOLDRS TR	DEP RCPTS	09067D201	10	100	SH		X
BLACKBAUD INC	COM	09227Q100	69	2,930	SH		X
BLACKBAUD INC	COM	09227Q100	192	8,133	SH		X
BLACKROCK INC	COM	09247X101	199	858	SH		X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

BLACKROCK INC	COM	09247X101	621	2,675	SH			X
BROADRIDGE FINLSOLUT IN	COM	11133T103	134	5,955	SH			X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
BROADRIDGE FINLSOLUT IN	COM	11133T103	319	14,123	SH		X	
BURLINGTON NRTH SANTAFE	COM	12189T104	1,437	14,573	SH			X
BURLINGTON NRTH SANTAFE	COM	12189T104	1,607	16,298	SH		X	
BWAY HOLDING COMPANY	COM	12429T104	6	331	SH			X
BWAY HOLDING COMPANY	COM	12429T104	793	41,219	SH		X	
BWAY HOLDING COMPANY	COM	12429T104	3,069	159,700	SH		X	
CB RICHARD ELLIS GR INC	CL A	12497T101	6	437	SH			X
CB RICHARD ELLIS GR INC	CL A	12497T101	184	13,594	SH		X	
C H ROBINSON WRDWD INC	COM NEW	12541W209	567	9,653	SH			X
C H ROBINSON WRDWD INC	COM NEW	12541W209	1,721	29,300	SH		X	
C H ROBINSON WRDWD INC	COM NEW	12541W209	2,429	41,366	SH		X	
CME GROUP INC	COM	12572Q105	339	1,008	SH			X
CME GROUP INC	COM	12572Q105	2,366	7,045	SH		X	
CME GROUP INC	COM	12572Q105	4,855	14,450	SH		X	
CAMECO CORP	COM	13321L108	336	10,435	SH		X	
CAMECO CORP	COM	13321L108	647	20,127	SH			X
CAMERON INTERNATL CORP	COM	13342B105	50	1,203	SH			X
CAMERON INTERNATL CORP	COM	13342B105	246	5,886	SH		X	
CAPITAL ONE FINL CORP	COM	14040H105	131	3,427	SH			X
CAPITAL ONE FINL CORP	COM	14040H105	1,610	42,006	SH		X	
CAPITAL ONE FINL CORP	COM	14040H105	4,355	113,575	SH		X	
CAPITALSOURCE INC	COM	14055X102	556	140,115	SH		X	
CAPITALSOURCE INC	COM	14055X102	2,286	575,801	SH		X	
CARDINAL HEALTH INC	COM	14149Y108	5	156	SH		X	
CARDINAL HEALTH INC	COM	14149Y108	1,339	41,520	SH			X
CARDINAL HEALTH INC	COM	14149Y108	2,074	64,326	SH		X	
CAREFUSION CORP	COM	14170T101	2	78	SH		X	
CAREFUSION CORP	COM	14170T101	752	30,066	SH			X
CAREFUSION CORP	COM	14170T101	982	39,246	SH		X	
CASH AMER INTL INC	COM	14754D100	55	1,570	SH			X
CASH AMER INTL INC	COM	14754D100	213	6,103	SH		X	
CENTERPOINT ENERGY INC	COM	15189T107	14	968	SH			X
CENTERPOINT ENERGY INC	COM	15189T107	399	27,524	SH		X	
CENTRAIS ELETRIC BRASIL	SPON ADR	15234Q207	66	3,135	SH		X	
CENTRAIS ELETRIC BRASIL	SPON ADR	15234Q207	146	6,934	SH			X
CENVEO INC	COM	15670S105	161	18,400	SH		X	
CHINA-BIOTICS INC	COM	16937B109	1,297	83,839	SH		X	
CHINA-BIOTICS INC	COM	16937B109	5,043	326,000	SH		X	
CHINA NEPSTAR DRUGSTOR	SPON ADR	16943C109	90	12,300	SH		X	
CHINACAST EDU CORP	COM	16946T109	545	72,028	SH		X	
CHINACAST EDU CORP	COM	16946T109	2,110	279,100	SH		X	
CHINA RE INFO CORP	ADR	16948Q103	9	735	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

CHINA RE INFO CORP	ADR	16948Q103	1,181	107,600	SH		X	
CISCO SYS INC	COM	17275R102	171	7,150	SH			X
CISCO SYS INC	COM	17275R102	1,891	78,973	SH		X	
CISCO SYS INC	COM	17275R102	4,226	176,518	SH			X
CISCO SYS INC	COM	17275R102	27,643	1,154,690	SH		X	
CISCO SYS INC	COM	17275R102	38,022	1,588,195	SH		X	
CLAYMORE ETF	BNY BRI&C	18383M100	451	10,626	SH			X
CLAYMORE ETF	BNY BRI&C	18383M100	3,501	82,443	SH		X	
CLIFFS NATURAL RSRCS IN	COM	18683K101	2	52	SH			X
CLIFFS NATURAL RSRCS IN	COM	18683K101	5	100	SH		X	
CLIFFS NATURAL RSRCS IN	COM	18683K101	105	2,269	SH		X	
CLIFFS NATURAL RSRCS IN	COM	18683K101	1,424	30,900	SH		X	
COGENT COMM GROUP INC	COM NEW	19239V302	704	71,406	SH		X	
COGENT COMM GROUP INC	COM NEW	19239V302	2,463	249,800	SH		X	
COINSTAR INC	COM	19259P300	2,451	88,254	SH		X	
COINSTAR INC	COM	19259P300	16,324	587,600	SH		X	
COMCAST CORP NEW	CL A	20030N101	17	1,012	SH		X	
COMCAST CORP NEW	CL A	20030N101	107	6,336	SH		X	
COMCAST CORP NEW	CL A	20030N101	270	16,005	SH			X
COMCAST CORP NEW	CL A	20030N101	6,681	396,258	SH		X	
COMCAST CORP NEW	CL A SPL	20030N200	131	8,170	SH			X
COMCAST CORP NEW	CL A SPL	20030N200	196	12,257	SH		X	
CONOCOPHILLIPS	COM	20825C104	59	1,163	SH			X
CONOCOPHILLIPS	COM	20825C104	987	19,333	SH		X	
CONOCOPHILLIPS	COM	20825C104	1,624	31,803	SH			X
CONOCOPHILLIPS	COM	20825C104	5,946	116,426	SH		X	
CONOCOPHILLIPS	COM	20825C104	8,435	165,175	SH		X	
CONSOL ENERGY INC	COM	20854P109	11	222	SH			X
CONSOL ENERGY INC	COM	20854P109	138	2,768	SH		X	
CONSOL ENERGY INC	COM	20854P109	1,295	26,000	SH		X	
CONSTELLATIONBRANDS INC	CL A	21036P108	1	45	SH			X
CONSTELLATIONBRANDS INC	CL A	21036P108	187	11,741	SH		X	
COSTCO WHSL CORP NEW	COM	22160K105	4	75	SH		X	
COSTCO WHSL CORP NEW	COM	22160K105	310	5,240	SH			X
COSTCO WHSL CORP NEW	COM	22160K105	1,426	24,100	SH		X	
COSTCO WHSL CORP NEW	COM	22160K105	1,920	32,453	SH		X	
CYBERSOURCE CORP	COM	23251J106	14	717	SH			X
CYBERSOURCE CORP	COM	23251J106	696	34,629	SH		X	
CYBERSOURCE CORP	COM	23251J106	2,470	122,800	SH		X	
CYBERONICS INC	COM	23251P102	473	23,160	SH		X	
DNP SELECT INCOME FD	COM	23325P104	32	3,602	SH		X	
DNP SELECT INCOME FD	COM	23325P104	33	3,662	SH			X
DNP SELECT INCOME FD	COM	23325P104	619	69,212	SH		X	
D R HORTON INC	COM	23331A109	152	14,009	SH		X	
DAVITA INC	COM	23918K108	3	56	SH			X
DAVITA INC	COM	23918K108	959	16,337	SH		X	
DAVITA INC	COM	23918K108	3,674	62,537	SH		X	
DELL INC	COM	24702R101	52	3,600	SH		X	
DELL INC	COM	24702R101	129	8,983	SH			X
DELL INC	COM	24702R101	3,755	261,497	SH		X	
DELL INC	COM	24702R101	4,968	345,998	SH		X	
DENNYS CORP	COM	24869P104	104	47,420	SH		X	
DEVON ENERGY CORP NEW	COM	25179M103	217	2,957	SH			X
DEVON ENERGY CORP NEW	COM	25179M103	1,212	16,484	SH		X	
DEVON ENERGY CORP NEW	COM	25179M103	7,732	105,200	SH		X	
DIAGEO P L C	SP ADR NEW	25243Q205	905	13,040	SH			X
DIAGEO P L C	SP ADR NEW	25243Q205	1,925	27,731	SH		X	
DIAMONDOFFSHOREDRILLING	COM	25271C102	19	192	SH			X
DIAMONDOFFSHOREDRILLING	COM	25271C102	1,009	10,248	SH		X	
DIRECTV	COM CL A	25490A101	971	29,120	SH			X
DIRECTV	COM CL A	25490A101	2,014	60,382	SH		X	
DIRECTV	COM CL A	25490A101	2,357	70,669	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

DOLAN MEDIA CO COM 25659P402 1,140 111,579 SH X

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - COL 6 - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
DOLAN MEDIA CO	COM	25659P402	4,007	392,500	SH		X	
DOMINION RES INC VA NEW	COM	25746U109	248	6,377	SH			X
DOMINION RES INC VA NEW	COM	25746U109	1,826	46,920	SH		X	
DOMINION RES INC VA NEW	COM	25746U109	2,942	75,592	SH		X	
DOT HILL SYS CORP	COM	25848T109	474	249,453	SH		X	
DOT HILL SYS CORP	COM	25848T109	1,874	986,200	SH		X	
DRAGONWAVE INC	COM	26144M103	1,115	97,360	SH		X	
DRAGONWAVE INC	COM	26144M103	4,228	368,900	SH		X	
DUKE ENERGY CORP NEW	COM	26441C105	122	7,106	SH			X
DUKE ENERGY CORP NEW	COM	26441C105	1,011	58,754	SH		X	
E HOUSE CHINA HLDG LTD	ADR	26852W103	7	399	SH		X	
E HOUSE CHINA HLDG LTD	ADR	26852W103	1,058	58,400	SH		X	
ENI S P A	SPON ADR	26874R108	37	730	SH			X
ENI S P A	SPON ADR	26874R108	216	4,265	SH		X	
EOG RES INC	COM	26875P101	323	3,323	SH			X
EOG RES INC	COM	26875P101	350	3,595	SH		X	
EQT CORP	COM	26884L109	1	33	SH			X
EQT CORP	COM	26884L109	841	19,161	SH		X	
EQT CORP	COM	26884L109	3,308	75,320	SH		X	
EMBRAER-EMPRESA BRASILD	SPADRCOMSH	29081M102	224	10,152	SH			X
EMBRAER-EMPRESA BRASILD	SPADRCOMSH	29081M102	257	11,643	SH		X	
EMER MED SVCS CORP	CL A	29100P102	10	193	SH			X
EMERG MED SVCS CORP	CL A	29100P102	55	1,010	SH		X	
EMER MED SVCS CORP	CL A	29100P102	2,550	47,100	SH		X	
ENBRIDGE INC	COM	29250N105	583	12,608	SH			X
ENBRIDGE INC	COM	29250N105	1,780	38,517	SH		X	
ENERGIZER HLDGS INC	COM	29266R108	1,162	18,954	SH			X
ENERGIZER HLDGS INC	COM	29266R108	3,387	55,272	SH		X	
ENERGY TRANS PRTNRS L P	UT LTDPART	29273R109	18	400	SH			X
ENERGY TRANS PRTNRS L P	UT LTDPART	29273R109	448	9,956	SH		X	
ENERGY TRANSFER EQ L P	CMUTLTDPPTN	29273V100	72	2,350	SH		X	
ENERGY TRANSFER EQ L P	CMUTLTDPPTN	29273V100	765	25,000	SH			X
ENTERGY CORP NEW	COM	29364G103	10	123	SH			X
ENTERGY CORP NEW	COM	29364G103	25	300	SH		X	
ENTERGY CORP NEW	COM	29364G103	1,034	12,643	SH		X	
ENTERGY CORP NEW	COM	29364G103	2,102	25,676	SH		X	
EQUINIX INC	COM NEW	29444U502	2	15	SH			X
EQUINIX INC	COM NEW	29444U502	894	8,425	SH		X	
EQUINIX INC	COM NEW	29444U502	5,573	52,500	SH		X	
EQUITY RESIDENTIAL	SH BEN INT	29476L107	11	333	SH			X
EQUITY RESIDENTIAL	SH BEN INT	29476L107	305	9,035	SH		X	
EXELON CORP	COM	30161N101	94	1,926	SH			X
EXELON CORP	COM	30161N101	202	4,126	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

EXELON CORP	COM	30161N101	271	5,550	SH		X	
EXELON CORP	COM	30161N101	717	14,669	SH			X
EXELON CORP	COM	30161N101	6,859	140,360	SH		X	
EXPEDIA INC DEL	COM	30212P105	22	851	SH			X
EXPEDIA INC DEL	COM	30212P105	686	26,678	SH		X	
EXPEDIA INC DEL	COM	30212P105	2,676	103,985	SH		X	
EXXON MOBIL CORP	COM	30231G102	303	4,450	SH			X
EXXON MOBIL CORP	COM	30231G102	1,746	25,612	SH		X	
EXXON MOBIL CORP	COM	30231G102	14,470	212,208	SH			X
EXXON MOBIL CORP	COM	30231G102	45,854	672,442	SH		X	
EXXON MOBIL CORP	COM	30231G102	63,764	935,094	SH		X	
FMC TECHNOLOGIES INC	COM	30249U101	9	149	SH			X
FMC TECHNOLOGIES INC	COM	30249U101	482	8,332	SH		X	
FEDEX CORP	COM	31428X106	48	572	SH			X
FEDEX CORP	COM	31428X106	655	7,852	SH		X	
FEDEX CORP	COM	31428X106	9,739	116,700	SH		X	
FIDELITY NATL INFO SV	COM	31620M106	28	1,204	SH		X	
FIDELITY NATL INFO SV	COM	31620M106	9,372	399,838	SH			X
FIDELITY NATL INFO SV	COM	31620M106	29,225	1,246,803	SH		X	
FLOWERVE CORP	COM	34354P105	522	5,518	SH			X
FLOWERVE CORP	COM	34354P105	2,097	22,179	SH		X	
FREEPOR-T-MCMORAN COPPER	PFD CONV	35671D782	56	484	SH		X	
FREEPOR-T-MCMORAN COPPER	PFD CONV	35671D782	1,058	9,200	SH			X
FREEPOR-T-MCMORAN COPPER	COM	35671D857	142	1,764	SH			X
FREEPOR-T-MCMORAN COPPER	COM	35671D857	1,053	13,111	SH		X	
FREEPOR-T-MCMORAN COPPER	COM	35671D857	13,229	164,759	SH		X	
FRONTIER COMMUNICATIONS	COM	35906A108	4	495	SH			X
FRONTIER COMMUNICATIONS	COM	35906A108	171	21,860	SH		X	
GAMESTOP CORP NEW	CL A	36467W109	35	1,587	SH		X	
GAMESTOP CORP NEW	CL A	36467W109	77	3,529	SH			X
GAMESTOP CORP NEW	CL A	36467W109	1,536	70,000	SH		X	
GENOPTIX INC	COM	37243V100	10	292	SH			X
GENOPTIX INC	COM	37243V100	588	16,550	SH		X	
GENOPTIX INC	COM	37243V100	2,224	62,600	SH		X	
GENWORTH FINL INC	COM CL A	37247D106	12	1,015	SH			X
GENWORTH FINL INC	COM CL A	37247D106	28	2,500	SH		X	
GENWORTH FINL INC	COM CL A	37247D106	272	23,926	SH		X	
GLAXOSMITHKLINE PLC	SPON ADR	37733W105	8	200	SH		X	
GLAXOSMITHKLINE PLC	SPON ADR	37733W105	441	10,438	SH			X
GLAXOSMITHKLINE PLC	SPON ADR	37733W105	970	22,968	SH		X	
GLOBAL PMTS INC	COM	37940X102	14	261	SH			X
GLOBAL PMTS INC	COM	37940X102	440	8,171	SH		X	
GOLD FIELDS LTD NEW	SPON ADR	38059T106	15	1,118	SH		X	
GOLD FIELDS LTD NEW	SPON ADR	38059T106	294	22,401	SH			X
GOLDMAN SACHS GROUP INC	COM	38141G104	36	212	SH			X
GOLDMAN SACHS GROUP INC	COM	38141G104	1,007	5,962	SH		X	
GOLDMAN SACHS GROUP INC	COM	38141G104	2,257	13,370	SH			X
GOLDMAN SACHS GROUP INC	COM	38141G104	17,813	105,502	SH		X	
GOLDMAN SACHS GROUP INC	COM	38141G104	24,169	143,147	SH		X	
GOOGLE INC	CL A	38259P508	88	142	SH		X	
GOOGLE INC	CL A	38259P508	2,471	3,986	SH			X
GOOGLE INC	CL A	38259P508	17,653	28,474	SH		X	
GOOGLE INC	CL A	38259P508	40,483	65,298	SH		X	
GRUPO TELEVISIA SA DE CV	SPADRREPORT	40049J206	164	7,914	SH			X
GRUPO TELEVISIA SA DE CV	SPADRREPORT	40049J206	488	23,501	SH		X	
HCP INC	COM	40414L109	63	2,075	SH			X
HCP INC	COM	40414L109	339	11,084	SH		X	
HMS HLDGS CORP	COM	40425J101	16	325	SH			X
HMS HLDGS CORP	COM	40425J101	651	13,369	SH		X	
HMS HLDGS CORP	COM	40425J101	2,313	47,500	SH		X	
HANGER ORTHOPEDIC GRINC	COM NEW	41043F208	695	50,222	SH		X	
HANGER ORTHOPEDIC GRINC	COM NEW	41043F208	2,565	185,500	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MARSHALL & ILSLEY CORPORATION
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2009

- - - - COL 1 - - - - - COL 2 - - - COL 3 - - - COL 4 - - - - COL 5 - - - - - - - COL 6 - - - -

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
HEALTH CARE REIT INC	COM	42217K106	9	204	SH			X
HEALTH CARE REIT INC	COM	42217K106	403	9,097	SH		X	
HESS CORP	COM	42809H107	64	1,057	SH			X
HESS CORP	COM	42809H107	498	8,239	SH		X	
HESS CORP	COM	42809H107	6,667	110,200	SH		X	
HEWITT ASSOCS INC	COM	42822Q100	1	35	SH			X
HEWITT ASSOCS INC	COM	42822Q100	807	19,096	SH		X	
HEWITT ASSOCS INC	COM	42822Q100	5,306	125,549	SH		X	
HIMAX TECHNOLOGIES INC	SPON ADR	43289P106	78	28,000	SH		X	
HOST HOTELS&RESORTS INC	COM	44107P104	8	728	SH			X
HOST HOTELS&RESORTS INC	COM	44107P104	231	19,779	SH		X	
ITT EDUCATIONAL SVCS IN	COM	45068B109	8	88	SH			X
ITT EDUCATIONAL SVCS IN	COM	45068B109	430	4,478	SH		X	
ICON PUB LTD CO	SPON ADR	45103T107	75	3,435	SH		X	
ICON PUB LTD CO	SPON ADR	45103T107	268	12,336	SH			X
ICON PUB LTD CO	SPON ADR	45103T107	4,808	221,248	SH		X	
IDEX CORP	COM	45167R104	195	6,266	SH		X	
IDEX CORP	COM	45167R104	1,617	51,900	SH		X	
IDEXX LABS INC	COM	45168D104	5	89	SH			X
IDEXX LABS INC	COM	45168D104	346	6,464	SH		X	
INFORMATICA CORP	COM	45666Q102	105	4,078	SH		X	
INFORMATICA CORP	COM	45666Q102	1,980	76,500	SH		X	
INTEGRYS ENERGY GR INC	COM	45822P105	54	1,289	SH		X	
INTEGRYS ENERGY GR INC	COM	45822P105	177	4,206	SH			X
INTEGRYS ENERGY GR INC	COM	45822P105	1,068	25,425	SH		X	
INTERCONTEXCHANGE INC	COM	45865V100	36	322	SH			X
INTERCONTEXCHANGE INC	COM	45865V100	252	2,249	SH		X	
INTERCONTEXCHANGE INC	COM	45865V100	2,527	22,500	SH		X	
INVERNESS MED INNVTNS	COM	46126P106	48	1,163	SH			X
INVERNESS MED INNVTNS	COM	46126P106	934	22,499	SH		X	
INVERNESS MED INNVTNS	COM	46126P106	6,575	158,400	SH		X	
ISHARES SILVER TRUST	ISHARES	46428Q109	459	27,770	SH		X	
JDS UNIPHASE CORP	COMPAR\$.001	46612J507	116	14,003	SH		X	
JDS UNIPHASE CORP	COMPAR\$.001	46612J507	1,626	197,100	SH		X	
JPMORGAN CHASE & CO	COM	46625H100	83	2,000	SH			X
JPMORGAN CHASE & CO	COM	46625H100	1,410	33,834	SH		X	
JPMORGAN CHASE & CO	COM	46625H100	7,157	171,765	SH			X
JPMORGAN CHASE & CO	COM	46625H100	36,712	881,015	SH		X	
JPMORGAN CHASE & CO	COM	46625H100	48,463	1,163,023	SH		X	
JANUS CAP GROUP INC	COM	47102X105	11	818	SH			X
JANUS CAP GROUP INC	COM	47102X105	206	15,306	SH		X	
JUNIPER NETWORKS INC	COM	48203R104	385	14,452	SH			X
JUNIPER NETWORKS INC	COM	48203R104	905	33,917	SH		X	
KBR INC	COM	48242W106	1	47	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

KBR INC	COM	48242W106	191	10,057	SH		X	
KB HOME	COM	48666K109	3	230	SH			X
KB HOME	COM	48666K109	184	13,428	SH		X	
KINDER MORGAN MGMT LLC	SHS	49455U100	247	4,517	SH		X	
KRAFT FOODS INC	CL A	50075N104	9	345	SH		X	
KRAFT FOODS INC	CL A	50075N104	579	21,289	SH		X	
KRAFT FOODS INC	CL A	50075N104	3,032	111,566	SH			X
KRAFT FOODS INC	CL A	50075N104	4,096	150,713	SH		X	
LAB CORP AMER HLDGS	COM NEW	50540R409	310	4,139	SH			X
LAB CORP AMER HLDGS	COM NEW	50540R409	1,358	18,148	SH		X	
LEVEL 3 COMM INC	COM	52729N100	103	67,270	SH		X	
LIBERTY MEDIA CORP NEW	INTCOMSERA	53071M104	37	3,446	SH			X
LIBERTY MEDIA CORP NEW	INTCOMSERA	53071M104	842	77,700	SH		X	
LIBERTY MEDIA CORP NEW	INTCOMSERA	53071M104	3,249	299,752	SH		X	
LIFE TECHNOLOGIES CORP	COM	53217V109	8	154	SH			X
LIFE TECHNOLOGIES CORP	COM	53217V109	227	4,346	SH		X	
LIFE TECHNOLOGIES CORP	COM	53217V109	2,851	54,600	SH		X	
LUXOTTICA GROUP S P A	SPON ADR	55068R202	104	4,048	SH			X
LUXOTTICA GROUP S P A	SPON ADR	55068R202	300	11,683	SH		X	
M & T BK CORP	COM	55261F104	10	144	SH			X
M & T BK CORP	COM	55261F104	645	9,647	SH		X	
MFA FINANCIAL INC	COM	55272X102	41	5,550	SH			X
MFA FINANCIAL INC	COM	55272X102	116	15,725	SH		X	
MGE ENERGY INC	COM	55277P104	39	1,100	SH			X
MGE ENERGY INC	COM	55277P104	1,252	35,018	SH		X	
MLP & STRATEGIC EQFD IN	COM	55312N106	111	6,990	SH			X
MLP & STRATEGIC EQFD IN	COM	55312N106	164	10,355	SH		X	
MSCI INC	CL A	55354G100	472	14,854	SH			X
MSCI INC	CL A	55354G100	1,528	48,047	SH		X	
MACYS INC	COM	55616P104	20	1,199	SH			X
MACYS INC	COM	55616P104	803	47,920	SH		X	
MACYS INC	COM	55616P104	936	55,850	SH		X	
MANPOWER INC	COM	56418H100	166	3,044	SH			X
MANPOWER INC	COM	56418H100	4,604	84,363	SH		X	
MANPOWER INC	COM	56418H100	5,599	102,572	SH		X	
MANULIFE FINL CORP	COM	56501R106	14	758	SH			X
MANULIFE FINL CORP	COM	56501R106	256	13,964	SH		X	
MARKET VECTORS ETF TR	GLDMINERETF	57060U100	171	3,700	SH			X
MARKET VECTORS ETF TR	GLDMINERETF	57060U100	234	5,070	SH		X	
MARKET VECTORS ETF TR	MKTVEC ETF	57060U845	534	25,080	SH		X	
MASTERCARD INC	CL A	57636Q104	256	1,001	SH			X
MASTERCARD INC	CL A	57636Q104	3,019	11,791	SH		X	
MASTERCARD INC	CL A	57636Q104	4,779	18,672	SH		X	
MAXIM INTEGRATED PRODS	COM	57772K101	715	35,232	SH		X	
MAXIM INTEGRATED PRODS	COM	57772K101	2,629	129,383	SH		X	
MCKESSON CORP	COM	58155Q103	105	1,672	SH			X
MCKESSON CORP	COM	58155Q103	1,317	21,075	SH		X	
MCKESSON CORP	COM	58155Q103	9,752	156,030	SH		X	
MEDCO HEALTH SOLUTIONS	COM	58405U102	102	1,600	SH			X
MEDCO HEALTH SOLUTIONS	COM	58405U102	158	2,475	SH		X	
MEDCO HEALTH SOLUTIONS	COM	58405U102	1,054	16,499	SH			X
MEDCO HEALTH SOLUTIONS	COM	58405U102	3,737	58,463	SH		X	
MEDCO HEALTH SOLUTIONS	COM	58405U102	8,944	139,949	SH		X	
MEDIDATA SOLUTIONS INC	COM	58471A105	801	51,246	SH		X	
MEDIDATA SOLUTIONS INC	COM	58471A105	3,080	197,200	SH		X	
MEDTRONIC INC	NOTE1.5%4/1	585055AL0	1,543	1,520,000	SH		X	
MEDTRONIC INC	NOTE1.5%4/1	585055AL0	3,877	3,820,000	SH		X	
MERCK & CO INC NEW	COM	58933Y105	99	2,713	SH			X
MERCK & CO INC NEW	COM	58933Y105	381	10,436	SH		X	
MERCK & CO INC NEW	COM	58933Y105	3,149	86,171	SH			X
MERCK & CO INC NEW	COM	58933Y105	10,794	295,414	SH		X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MARSHALL & ILSLEY CORPORATION
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2009

----- COL 1 ----- COL 2 ----- COL 3 ----- COL 4 ----- COL 5 ----- COL 6 -----									
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	
MERCK & CO INC NEW	COM	58933Y105	20,541	562,150	SH		X		
METLIFE INC	COM	59156R108	178	5,031	SH			X	
METLIFE INC	COM	59156R108	2,070	58,544	SH		X		
METLIFE INC	COM	59156R108	8,353	236,290	SH		X		
MIZUHO FINL GROUP INC	SPON ADR	60687Y109	43	12,185	SH		X		
MONSANTO CO NEW	COM	61166W101	65	800	SH			X	
MONSANTO CO NEW	COM	61166W101	924	11,300	SH		X		
MONSANTO CO NEW	COM	61166W101	1,832	22,408	SH			X	
MONSANTO CO NEW	COM	61166W101	3,140	38,414	SH		X		
MONSANTO CO NEW	COM	61166W101	12,072	147,665	SH		X		
MOSAIC CO	COM	61945A107	73	1,218	SH			X	
MOSAIC CO	COM	61945A107	203	3,396	SH		X		
MOSAIC CO	COM	61945A107	245	4,100	SH		X		
NII HLDGS INC	CL B NEW	62913F201	96	2,849	SH		X		
NII HLDGS INC	CL B NEW	62913F201	292	8,707	SH			X	
NTT DOCOMO INC	SPON ADR	62942M201	70	5,026	SH			X	
NTT DOCOMO INC	SPON ADR	62942M201	186	13,312	SH		X		
NATIONAL CITY CORP	NOTE 4%2/0	635405AW3	1,401	1,375,000	SH		X		
NATIONAL CITY CORP	NOTE 4%2/0	635405AW3	3,175	3,116,000	SH		X		
NATIONL FINL PTNRS CORP	COM	63607P208	83	10,201	SH		X		
NESS TECHNOLOGIES INC	COM	64104X108	64	13,129	SH		X		
NETAPP INC	COM	64110D104	192	5,596	SH			X	
NETAPP INC	COM	64110D104	237	6,902	SH		X		
NEUTRAL TANDEM INC	COM	64128B108	421	18,515	SH		X		
NEUTRAL TANDEM INC	COM	64128B108	1,527	67,100	SH		X		
NEXEN INC	COM	65334H102	16	660	SH		X		
NEXEN INC	COM	65334H102	419	17,495	SH			X	
NISOURCE INC	COM	65473P105	65	4,256	SH			X	
NISOURCE INC	COM	65473P105	569	36,989	SH		X		
NOVARTIS A G	SPON ADR	66987V109	517	9,496	SH			X	
NOVARTIS A G	SPON ADR	66987V109	602	11,065	SH		X		
NUVEEN DIV ADVNTG MUN F	COM	67066V101	135	10,000	SH		X		
OCLARO INC	COM	67555N107	1,158	787,584	SH		X		
OCLARO INC	COM	67555N107	4,465	3,037,600	SH		X		
OCULUS INNOVATIVE SCI I	COM	67575P108	37	19,975	SH		X		
OCULUS INNOVATIVE SCI I	COM	67575P108	96	52,565	SH		X		
ORACLE CORP	COM	68389X105	117	4,750	SH			X	
ORACLE CORP	COM	68389X105	1,438	58,608	SH		X		
ORACLE CORP	COM	68389X105	1,836	74,844	SH			X	
ORACLE CORP	COM	68389X105	11,838	482,584	SH		X		
ORACLE CORP	COM	68389X105	33,734	1,375,200	SH		X		
ORION MARINE GROUP INC	COM	68628V308	866	41,137	SH		X		
ORION MARINE GROUP INC	COM	68628V308	2,892	137,300	SH		X		
PG&E CORP	COM	69331C108	145	3,248	SH			X	
PG&E CORP	COM	69331C108	476	10,662	SH		X		

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

PMC-SIERRA INC	COM	69344F106	6,708	774,600	SH	X	
PPL CORP	COM	69351T106	6	201	SH		X
PPL CORP	COM	69351T106	279	8,630	SH	X	
PANASONIC CORP	ADR	69832A205	12	835	SH	X	
PANASONIC CORP	ADR	69832A205	197	13,746	SH		X
PANERA BREAD CO	CL A	69840W108	2	31	SH		X
PANERA BREAD CO	CL A	69840W108	410	6,121	SH	X	
PETROLEO BRASIL SAPETRO	SPON ADR	71654V408	552	11,576	SH		X
PETROLEO BRASIL SAPETRO	SPON ADR	71654V408	601	12,607	SH	X	
PHARMERICA CORP	COM	71714F104	0	1	SH		X
PHARMERICA CORP	COM	71714F104	171	10,739	SH	X	
POTASH CORP SASK INC	COM	73755L107	998	9,201	SH		X
POTASH CORP SASK INC	COM	73755L107	4,509	41,564	SH	X	
POTASH CORP SASK INC	COM	73755L107	6,242	57,529	SH	X	
POWERSHARES QQQ TRUST	UNIT SER 1	73935A104	41	900	SH		X
POWERSHARES QQQ TRUST	UNIT SER 1	73935A104	48	1,053	SH	X	
POWERSHARES QQQ TRUST	UNIT SER 1	73935A104	4,337	94,803	SH	X	
POWERSHRS DBCMDTYIDXTRA	UT BEN INT	73935S105	71	2,899	SH		X
POWERSHRS DBCMDTYIDXTRA	UT BEN INT	73935S105	13,654	554,586	SH	X	
POWERSHARES ETF TRUST	FINLPFDPTFL	73935X229	38	2,300	SH		X
POWERSHARES ETF TRUST	FINLPFDPTFL	73935X229	1,770	108,477	SH	X	
POWERSHARES ETF TRUST	WDRHLLCLN	73935X500	58	5,250	SH		X
POWERSHARES ETF TRUST	WDRHLLCLN	73935X500	1,665	151,331	SH	X	
POWERSHARES ETF TRUST	H2O RESRC	73935X575	17	1,001	SH		X
POWERSHARES ETF TRUST	H2O RESRC	73935X575	158	9,359	SH	X	
POWERSHARES ETF TRUST	FTSE R1000	73935X583	379	7,985	SH		X
POWERSHARES ETF TRUST	FTSE R1000	73935X583	6,403	134,885	SH	X	
POWERSHS DBMULTISECTCOM	DB AG FD	73936B408	583	22,039	SH	X	
POWERSHS DBMULTISECTCOM	DBBASEMTLS	73936B705	831	36,952	SH	X	
POWERSHS DB US \$ INDEX	DOLLINDBULL	73936D107	382	16,557	SH	X	
POWERSHARES GLBL ETF TR	AGGPFDPOR	73936T565	9	650	SH		X
POWERSHARES GLBL ETF TR	AGGPFDPOR	73936T565	133	9,820	SH	X	
PRAXAIR INC	COM	74005P104	21	260	SH	X	
PRAXAIR INC	COM	74005P104	1,527	19,012	SH		X
PRAXAIR INC	COM	74005P104	2,570	32,000	SH	X	
PRAXAIR INC	COM	74005P104	4,462	55,566	SH	X	
PRICE T ROWE GROUP INC	COM	74144T108	143	2,687	SH		X
PRICE T ROWE GROUP INC	COM	74144T108	699	13,118	SH	X	
PRIDE INTL INC DEL	COM	74153Q102	24	737	SH		X
PRIDE INTL INC DEL	COM	74153Q102	190	5,969	SH	X	
PRINCIPAL FINL GR IN	COM	74251V102	11	451	SH		X
PRINCIPAL FINL GR IN	COM	74251V102	635	26,405	SH	X	
PRINCIPAL FINL GR IN	COM	74251V102	2,353	97,880	SH	X	
PROASSURANCE CORP	COM	74267C106	61	1,135	SH		X
PROASSURANCE CORP	COM	74267C106	338	6,298	SH	X	
PROSHARES TR	PSHULTSP501	74347R107	350	9,155	SH	X	
PROSHARES TR	ULTSH 20YRS	74347R297	4,257	85,341	SH	X	
PRUDENTIAL PLC	ADR	74435K204	236	11,597	SH		X
PRUDENTIAL PLC	ADR	74435K204	515	25,276	SH	X	
PUBLIC STORAGE	COM	74460D109	33	400	SH	X	
PUBLIC STORAGE	COM	74460D109	39	475	SH		X
PUBLIC STORAGE	COM	74460D109	334	4,104	SH	X	
QUEST DIAGNOSTICS INC	COM	74834L100	187	3,105	SH		X
QUEST DIAGNOSTICS INC	COM	74834L100	362	6,000	SH	X	
QUEST DIAGNOSTICS INC	COM	74834L100	418	6,925	SH	X	
RANGE RES CORP	COM	75281A109	9	187	SH		X
RANGE RES CORP	COM	75281A109	881	17,669	SH	X	
REGENCY ENER PARTN L P	COMUTS LP	75885Y107	381	18,200	SH		X
REGIONS FINANCIAL CORP	COM	7591EP100	251	47,404	SH	X	
RESOLUTE ENERGY CORP	COM	76116A108	45	3,870	SH		X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MARSHALL & ILSLEY CORPORATION
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2009

COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	INVESTMENT DISCRETION		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	SOLE (A)	SHR (B)	OTHR (C)
RESOLUTE ENERGY CORP	COM	76116A108	1,996	173,199	SH		X	
RESOLUTE ENERGY CORP	COM	76116A108	13,167	1,143,000	SH		X	
RYDEX ETF TRUST	S&P 500EQTR	78355W106	134	3,389	SH			X
RYDEX ETF TRUST	S&P 500EQTR	78355W106	2,331	58,971	SH		X	
SBA COMMUNICATIONS CORP	COM	78388J106	726	21,253	SH		X	
SBA COMMUNICATIONS CORP	COM	78388J106	2,818	82,500	SH		X	
SK TELECOM LTD	SPON ADR	78440P108	137	8,427	SH		X	
SK TELECOM LTD	SPON ADR	78440P108	439	26,977	SH			X
SLM CORP	COM	78442p106	121	10,750	SH		X	
SPDR TR	UNIT SER 1	78462F103	3,341	29,976	SH			X
SPDR TR	UNIT SER 1	78462F103	55,720	499,999	SH		X	
SPDR GOLD TRUST	GOLD SHS	78463V107	561	5,228	SH			X
SPDR GOLD TRUST	GOLD SHS	78463V107	5,189	48,354	SH		X	
SPDR SERIES TRUST	DJ REIT ETF	78464A607	97	1,978	SH			X
SPDR SERIES TRUST	DJ REIT ETF	78464A607	137	2,789	SH		X	
SPDR SERIES TRUST	DJ REIT ETF	78464A607	4,977	101,145	SH		X	
SPDR SERIES TRUST	S&P DIV ETF	78464A763	291	6,300	SH			X
SRA INTL INC	CL A	78464r105	37	1,944	SH		X	
SAKS INC	COM	79377W108	1	137	SH			X
SAKS INC	COM	79377W108	119	18,104	SH		X	
SANOFI AVENTIS	SPON ADR	80105N105	222	5,655	SH		X	
SANOFI AVENTIS	SPON ADR	80105N105	540	13,746	SH			X
SEALED AIR CORP NEW	COM	81211K100	46	2,126	SH			X
SEALED AIR CORP NEW	COM	81211K100	872	39,874	SH		X	
SEALED AIR CORP NEW	COM	81211K100	3,264	149,324	SH		X	
SELECT SECTOR SPDR TR	SBI MATERLS	81369Y100	14	425	SH			X
SELECT SECTOR SPDR TR	SBI MATERLS	81369Y100	357	10,823	SH		X	
SELECT SECTOR SPDR TR	SBICONS DISC	81369Y407	461	15,490	SH		X	
SELECT SECTOR SPDR TR	SBIINT-FINL	81369Y605	5	356	SH		X	
SELECT SECTOR SPDR TR	SBIINT-FINL	81369Y605	106	7,380	SH			X
SELECT SECTOR SPDR TR	SBIINT-FINL	81369Y605	1,445	100,363	SH		X	
SELECT SECTOR SPDR TR	SBIINT-TECH	81369Y803	6	250	SH		X	
SELECT SECTOR SPDR TR	SBIINT-TECH	81369Y803	199	8,690	SH			X
SELECT SECTOR SPDR TR	SBIINT-TECH	81369Y803	524	22,842	SH		X	
SELECT SECTOR SPDR TR	SBIINT-UTIL	81369Y886	89	2,880	SH			X
SELECT SECTOR SPDR TR	SBIINT-UTIL	81369Y886	1,019	32,862	SH		X	
SIRIUS XM RADIO INC	COM	82967N108	2	2,950	SH		X	
SIRIUS XM RADIO INC	COM	82967N108	19	31,250	SH			X
SKYWORKS SOLUTIONS INC	COM	83088M102	12	879	SH			X
SKYWORKS SOLUTIONS INC	COM	83088M102	266	18,724	SH		X	
SOUTHERN COPPER CORP	COM	84265V105	108	3,289	SH			X
SOUTHERN COPPER CORP	COM	84265V105	165	5,017	SH		X	
SOVRAN SELF STORAGE INC	COM	84610H108	579	16,194	SH		X	
SOVRAN SELF STORAGE INC	COM	84610H108	2,466	69,027	SH		X	
SPECTRA EN PRTRNS LP	COM	84756N109	636	21,500	SH			X
STAGE STORES INC	COM NEW	85254C305	40	3,250	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

STAGE STORES INC	COM NEW	85254C305	248	20,030	SH		X	
STARWOOD HOTELS&RESORTS	COM	85590A401	11	306	SH			X
STARWOOD HOTELS&RESORTS	COM	85590A401	418	11,437	SH		X	
STONEMOR PARTNERS L P	COM UNITS	86183Q100	631	31,960	SH		X	
SUNOCO INC	COM	86764P109	74	2,854	SH			X
SUNOCO INC	COM	86764P109	232	8,870	SH		X	
SUPERIOR BANCORP	COM NEW	86806M205	282	85,802	SH		X	
SYNCHRONOSS TECH INC	COM	87157B103	769	48,624	SH		X	
SYNCHRONOSS TECH INC	COM	87157B103	2,980	188,500	SH		X	
SYNGENTA AG	SPON ADR	87160A100	202	3,587	SH			X
SYNGENTA AG	SPON ADR	87160A100	311	5,523	SH		X	
SYNIVERSE HLDGS INC	COM	87163F106	7	429	SH			X
SYNIVERSE HLDGS INC	COM	87163F106	306	17,522	SH		X	
TD AMERITRADE HLDG CORP	COM	87236Y108	215	11,117	SH		X	
TS&W CLAYMORE TAXADV BL	COM	87280R108	114	11,928	SH		X	
TARGA RESOURCES PART LP	COM UT	87611X105	421	17,300	SH			X
TELECOM ITALIA SPA NEW	SP ADR ORD	87927Y102	5	351	SH			X
TELECOM ITALIA SPA NEW	SP ADR ORD	87927Y102	152	9,863	SH		X	
TELECOM ITALIA SPA NEW	SP ADR SVG	87927Y201	21	1,919	SH		X	
TELECOM ITALIA SPA NEW	SP ADR SVG	87927Y201	393	35,700	SH			X
TENET HEALTHCARE CORP	COM	88033G100	638	118,312	SH		X	
TENET HEALTHCARE CORP	COM	88033G100	2,148	398,600	SH		X	
TERADATA CORP DEL	COM	88076W103	210	6,677	SH			X
TERADATA CORP DEL	COM	88076W103	669	21,278	SH		X	
3M CO	COM	88579Y101	200	2,425	SH		X	
3M CO	COM	88579Y101	4,269	51,639	SH			X
3M CO	COM	88579Y101	17,129	207,200	SH		X	
3M CO	COM	88579Y101	20,273	245,222	SH		X	
TIME WARNER CABLE INC	COM	88732J207	26	622	SH			X
TIME WARNER CABLE INC	COM	88732J207	629	15,183	SH		X	
TIME WARNER CABLE INC	COM	88732J207	1,301	31,421	SH		X	
TORTOISE EN INFRSTRCT C	COM	89147L100	5	155	SH			X
TORTOISE EN INFRSTRCT C	COM	89147L100	4,985	160,693	SH		X	
TREEHOUSE FOODS INC	COM	89469A104	194	5,000	SH		X	
US OIL FUND LP	UNITS	91232N108	3,932	100,100	SH		X	
UNITED THERAP CORP DEL	COM	91307C102	10	195	SH			X
UNITED THERAP CORP DEL	COM	91307C102	691	13,132	SH		X	
UNITED THERAP CORP DEL	COM	91307C102	2,380	45,200	SH		X	
UNITEDHEALTH GROUP INC	COM	91324P102	179	5,874	SH			X
UNITEDHEALTH GROUP INC	COM	91324P102	1,748	57,345	SH		X	
UNITEDHEALTH GROUP INC	COM	91324P102	2,101	68,915	SH		X	
UNIVERSAL TRAVEL GROUP	COM NEW	91388Q202	1,326	130,810	SH		X	
UNIVERSAL TRAVEL GROUP	COM NEW	91388Q202	5,126	505,500	SH		X	
UNUM GROUP	COM	91529Y106	18	942	SH		X	
UNUM GROUP	COM	91529Y106	19	959	SH			X
UNUM GROUP	COM	91529Y106	387	19,849	SH		X	
VALEANT PHARMA INTL	COM	91911X104	2	52	SH			X
VALEANT PHARMA INTL	COM	91911X104	506	15,921	SH		X	
VALERO ENERGY CORP NEW	COM	91913Y100	7	416	SH			X
VALERO ENERGY CORP NEW	COM	91913Y100	380	22,661	SH		X	
VARIAN MED SYS INC	COM	92220P105	33	700	SH			X
VARIAN MED SYS INC	COM	92220P105	370	7,904	SH		X	
VECTREN CORP	COM	92240G101	143	5,786	SH			X
VECTREN CORP	COM	92240G101	222	8,988	SH		X	
VEOLIA ENVIRONNEMENT	SPON ADR	92334N103	554	16,850	SH			X
VEOLIA ENVIRONNEMENT	SPON ADR	92334N103	1,005	30,580	SH		X	
VERIZON COMMUNIC INC	COM	92343V104	45	1,350	SH			X
VERIZON COMMUNIC INC	COM	92343V104	597	18,018	SH		X	
VERIZON COMMUNIC INC	COM	92343V104	2,869	86,611	SH			X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MARSHALL & ILSLEY CORPORATION
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2009

----- COL 1 ----- COL 2 ----- COL 3 ----- COL 4 ----- COL 5 ----- COL 6 -----									
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION			
						SOLE (A)	SHR (B)	OTHR (C)	
VERIZON COMMUNIC INC	COM	92343V104	19,663	593,500	SH		X		
VERIZON COMMUNIC INC	COM	92343V104	21,127	637,709	SH		X		
VERTEX PHARMA INC	COM	92532F100	3	70	SH			X	
VERTEX PHARMA INC	COM	92532F100	570	13,301	SH		X		
VIACOM INC NEW	CL B	92553P201	244	8,207	SH			X	
VIACOM INC NEW	CL B	92553P201	693	23,320	SH		X		
VIACOM INC NEW	CL B	92553P201	738	24,810	SH		X		
VISA INC	COM CL A	92826C839	91	1,036	SH			X	
VISA INC	COM CL A	92826C839	156	1,777	SH		X		
VISA INC	COM CL A	92826C839	10,688	122,200	SH		X		
VODAFONE GROUP PLC NEW	SP ADR NEW	92857W209	101	4,375	SH		X		
VODAFONE GROUP PLC NEW	SP ADR NEW	92857W209	407	17,614	SH		X		
VODAFONE GROUP PLC NEW	SP ADR NEW	92857W209	596	25,829	SH			X	
WASTE MGMT INC DEL	COM	94106L109	5	162	SH		X		
WASTE MGMT INC DEL	COM	94106L109	1,278	37,792	SH			X	
WASTE MGMT INC DEL	COM	94106L109	1,385	40,980	SH		X		
WASTE MGMT INC DEL	COM	94106L109	4,814	142,382	SH		X		
WELLPOINT INC	COM	94973V107	86	1,467	SH			X	
WELLPOINT INC	COM	94973V107	1,655	28,392	SH		X		
WILLIAMSPIPELINE PART L	COMUTLPIN	96950K103	88	3,700	SH		X		
WILLIAMSPIPELINE PART L	COMUTLPIN	96950K103	762	32,000	SH			X	
WINDSTREAM CORP	COM	97381W104	47	4,255	SH			X	
WINDSTREAM CORP	COM	97381W104	167	15,170	SH		X		
WINDSTREAM CORP	COM	97381W104	2,685	244,328	SH		X		
WINTRUST FINANCIAL CORP	COM	97650W108	43	1,402	SH			X	
WINTRUST FINANCIAL CORP	COM	97650W108	203	6,599	SH		X		
XTO ENERGY INC	COM	98385X106	15	325	SH		X		
XTO ENERGY INC	COM	98385X106	23	500	SH			X	
XTO ENERGY INC	COM	98385X106	451	9,700	SH		X		
XTO ENERGY INC	COM	98385X106	904	19,420	SH			X	
XTO ENERGY INC	COM	98385X106	10,180	218,778	SH		X		
XCEL ENERGY INC	COM	98389B100	113	5,308	SH			X	
XCEL ENERGY INC	COM	98389B100	375	17,680	SH		X		
ZEP INC	COM	98944B108	1	37	SH			X	
ZEP INC	COM	98944B108	306	17,658	SH		X		
ZIMMER HLDGS INC	COM	98956P102	190	3,221	SH			X	
ZIMMER HLDGS INC	COM	98956P102	606	10,255	SH		X		
ZOLTEK COS INC	COM	98975W104	11	1,200	SH		X		
ZOLTEK COS INC	COM	98975W104	479	50,438	SH			X	
TELVENT GIT SA	SHS	E90215109	1,284	32,928	SH		X		
TELVENT GIT SA	SHS	E90215109	8,213	210,700	SH		X		
AIRCASTLE LTD	COM	G0129K104	164	16,640	SH		X		
AMDOCS LTD	ORD	G02602103	1,001	35,079	SH		X		
AMDOCS LTD	ORD	G02602103	3,562	124,854	SH		X		
ARCH CAP GROUP LTD	ORD	G0450A105	211	2,953	SH		X		
AXIS CAPITAL HOLDINGS	SHS	G0692U109	71	2,498	SH		X		
AXIS CAPITAL HOLDINGS	SHS	G0692U109	147	5,176	SH			X	

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

ENERGY XXI (BERMUDA) LTD	COM SHS	G10082108	3,649	1,579,338	SH		X
ENERGY XXI (BERMUDA) LTD	COM SHS	G10082108	21,743	9,412,700	SH		X
ACCENTURE PLC IRELAND	SHS A	G1151C101	883	21,287	SH		X
ACCENTURE PLC IRELAND	SHS A	G1151C101	3,733	89,954	SH		X
COOPER INDUSTRIES PLC	SHS	G24140108	1,272	29,828	SH		X
COOPER INDUSTRIES PLC	SHS	G24140108	7,898	185,215	SH		X
COVIDIEN PLC	SHS	G2554F105	315	6,570	SH		X
COVIDIEN PLC	SHS	G2554F105	1,783	37,234	SH		X
ENSTAR GROUP LIMITED	SHS	G3075P101	495	6,769	SH		X
ENSTAR GROUP LIMITED	SHS	G3075P101	1,942	26,600	SH		X
INGERSOLL-RAND PLC	SHS	G47791101	4	100	SH		X
INGERSOLL-RAND PLC	SHS	G47791101	66	1,860	SH		X
INGERSOLL-RAND PLC	SHS	G47791101	90	2,515	SH		X
INGERSOLL-RAND PLC	SHS	G47791101	145	4,066	SH		X
INGERSOLL-RAND PLC	SHS	G47791101	7,788	217,900	SH		X
INVESCO LTD	SHS	G491BT108	47	1,984	SH		X
INVESCO LTD	SHS	G491BT108	1,409	59,966	SH		X
INVESCO LTD	SHS	G491BT108	6,284	267,549	SH		X
LAZARD LTD	SHS A	G54050102	13	340	SH		X
LAZARD LTD	SHS A	G54050102	1,902	50,100	SH		X
MARVELL TECH GROUP LTD	ORD	G5876H105	223	10,753	SH		X
MARVELL TECH GROUP LTD	ORD	G5876H105	248	11,955	SH		X
MARVELL TECH GROUP LTD	ORD	G5876H105	1,788	86,170	SH		X
MAX CAPITAL GROUP LTD	SHS	G6052F103	42	1,900	SH		X
MAX CAPITAL GROUP LTD	SHS	G6052F103	331	14,830	SH		X
NABORS INDUSTRIES LTD	SHS	G6359F103	9	400	SH		X
NABORS INDUSTRIES LTD	SHS	G6359F103	228	10,395	SH		X
NABORS INDUSTRIES LTD	SHS	G6359F103	920	42,007	SH		X
NABORS INDUSTRIES LTD	SHS	G6359F103	8,508	388,677	SH		X
ONEBEACON INS GROUP LT	CL A	G67742109	61	4,430	SH		X
ONEBEACON INS GROUP LT	CL A	G67742109	208	15,100	SH		X
PARTNERRE LTD	COM	G6852T105	613	8,212	SH		X
PARTNERRE LTD	COM	G6852T105	2,508	33,597	SH		X
PLATINUM UNDRWRT HLDGSL	COM	G7127P100	58	1,503	SH		X
PLATINUM UNDRWRT HLDGSL	COM	G7127P100	380	9,925	SH		X
SEAGATE TECHNOLOGY	SHS	G7945J104	31	1,702	SH		X
SEAGATE TECHNOLOGY	SHS	G7945J104	455	25,000	SH	PUT	X
SEAGATE TECHNOLOGY	SHS	G7945J104	687	37,783	SH		X
UTI WORLDWIDE INC	ORD	G87210103	375	26,200	SH		X
CHARDAN2008CH ACQST COR	SHS	G8977T101	2,010	224,600	SH		X
WILLIS GROUP HLDGS LTD	SHS	G96655108	44	1,655	SH		X
WILLIS GROUP HLDGS LTD	SHS	G96655108	391	14,832	SH		X
XL CAP LTD	CL A	G98255105	152	8,289	SH		X
XL CAP LTD	CL A	G98255105	1,813	98,900	SH		X
ALCON INC	COM SHS	H01301102	153	929	SH		X
ALCON INC	COM SHS	H01301102	990	6,023	SH		X
NOBLE CORPORATION BAAR	NAMEN -AKT	H5833N103	814	20,011	SH		X
NOBLE CORPORATION BAAR	NAMEN -AKT	H5833N103	3,833	94,163	SH		X
NOBLE CORPORATION BAAR	NAMEN -AKT	H5833N103	120	2,960	SH		X
TRANSOCEAN LTD	REG SHS	H8817H100	1,128	13,629	SH		X
TRANSOCEAN LTD	REG SHS	H8817H100	9,010	108,813	SH		X
TRANSOCEAN LTD	REG SHS	H8817H100	10,547	127,384	SH		X
TYCO INTERNATIONAL LTD	SHS	H89128104	354	9,920	SH		X
TYCO INTERNATIONAL LTD	SHS	H89128104	2,022	56,666	SH		X
TYCO INTERNATIONAL LTD	SHS	H89128104	2,347	65,775	SH		X
TYCO ELECT LTD SWITZER	SHS	H8912P106	288	11,750	SH		X
TYCO ELECT LTD SWITZER	SHS	H8912P106	1,898	77,305	SH		X
UBS AG	SHS NEW	H89231338	17	1,118	SH		X

Edgar Filing: MARSHALL & ILSLEY CORP - Form 13F-HR

MARSHALL & ILSLEY CORPORATION
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2009

----- COL 1 ----- COL 2 ----- COL 3 ----- COL 4 ----- COL 5 ----- COL 6 -----

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PUT/ PRN CALL	INVESTMENT DISCRETION		
						SOLE (A)	SHR (B)	OTHR (C)
UBS AG	SHS NEW	H89231338	170	10,946	SH			X
MILlicom INTL CELL S A	SHS NEW	L6388F110	91	1,232	SH			X
MILlicom INTL CELL S A	SHS NEW	L6388F110	255	3,451	SH		X	
CHECKPOINT SFTWR TECH	ORD	M22465104	18	549	SH		X	
CHECKPOINT SFTWR TECH	ORD	M22465104	2,802	82,700	SH		X	
AERCAP HOLDINGS NV	SHS	N00985106	184	20,300	SH		X	
ASML HOLDING N V	NY REG SHS	N07059186	2,553	74,900	SH		X	
ASML HOLDING N V	NY REG SHS	N07059186	41	1,192	SH		X	
EURAND N V	SHS	N31010106	694	53,824	SH		X	
EURAND N V	SHS	N31010106	2,694	208,800	SH		X	
ROYAL CARIBBEAN CRUISES	COM	V7780T103	126	5,000	SH		X	
DIANA SHIPPING INC	COM	Y2066G104	566	39,091	SH		X	
DIANA SHIPPING INC	COM	Y2066G104	2,394	165,362	SH		X	
FLEXTRONICS INTL LTD	ORD	Y2573F102	75	10,256	SH			X
FLEXTRONICS INTL LTD	ORD	Y2573F102	234	31,961	SH		X	
FLEXTRONICS INTL LTD	ORD	Y2573F102	10,196	1,394,755	SH		X	