

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

MARSHALL & ILSLEY CORP/WI/
Form 13F-HR
August 14, 2007

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

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 06/30/2007

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: 28-272

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: Jeffrey O. Himstreet
Title: Vice President
Phone: 414-765-7809

Signature, Place, and Date of Signing:

/s/Jeffrey O. Himstreet

Milwaukee, WI

8/10/07

[Signature]

[City, State]

[Date]

Report Type (Check only one.):

- [X] 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:

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

Number of Other Included Managers: 3
 Form 13F Information Table Entry Total: 1,901
 Form 13F Information Table Value Total: \$ 5,737,632
 (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
01	28-7680	Marshall & Ilsley Trust Company N.A. (formerly known as M&I National Trust Company and successor to Marshall & Ilsley Trust Company, 13F file no. 28-273; Marshall & Ilsley Trust Company of Florida, 13F file no. 28-4318; and Marshall & Ilsley Trust Company of Arizona, SEC file no. 28-4316)
05	28-274	M&I Investment Management Corp.
10	N/A	North Star Trust Company

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 06/30/2007

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

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)
ACE LTD	ORD	G0070K103	11,134	178,084SH	X			
ACE LTD	ORD	G0070K103	10	157SH				X
ASSURED GUARANTY LTD	COM	G0585R106	5,304	179,433SH	X			
ACCENTURE LTD BERMUDA	CL A	G1150G111	2,218	51,722SH	X			
ACCENTURE LTD BERMUDA	CL A	G1150G111	217	5,050SH				X
COOPER INDS LTD	CL A	G24182100	542	9,488SH	X			
COOPER INDS LTD	CL A	G24182100	26	464SH				X
FRONTLINE LTD	SHS	G3682E127	414	9,030SH	X			
GARMIN LTD	ORD	G37260109	918	12,413SH	X			
GARMIN LTD	ORD	G37260109	375	5,069SH				X
GLOBALSANTAFE CORP	SHS	G3930E101	10,811	149,637SH	X			
GLOBALSANTAFE CORP	SHS	G3930E101	1,839	25,456SH				X

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

INGERSOLL-RAND COMPANY	CL A	G4776G101	803	14,653SH	X	
INGERSOLL-RAND COMPANY	CL A	G4776G101	92	1,677SH		X
MARVELL TECHNOLOGY GRP	ORD	G5876H105	1,734	95,210SH	X	
MARVELL TECHNOLOGY GRP	ORD	G5876H105	54	2,962SH		X
MAX CAPITAL GROUP LTD	SHS	G6052F103	260	9,200SH	X	
MAX CAPITAL GROUP LTD	SHS	G6052F103	10	343SH		X
NABORS INDUSTRIES LTD	SHS	G6359F103	405	12,133SH	X	
NABORS INDUSTRIES LTD	SHS	G6359F103	12	369SH		X
NOBLE CORPORATION	SHS	G65422100	5,580	57,224SH	X	
NOBLE CORPORATION	SHS	G65422100	76	779SH		X
ORIENT-EXPRESS HOTELS	CL A	G67743107	465	8,700SH	X	
PARTNERRE LTD	COM	G6852T105	13,484	173,991SH	X	
RENAISSANCERE HOLDINGS	COM	G7496G103	1,566	25,257SH	X	
RENAISSANCERE HOLDINGS	COM	G7496G103	338	5,460SH		X
SEAGATE TECHNOLOGY	SHS	G7945J104	1,289	59,230SH	X	
SHIP FINANCE INTERNATNL	SHS	G81075106	1,118	37,663SH	X	
SHIP FINANCE INTERNATNL	SHS	G81075106	69	2,325SH		X
SINA CORP	ORD	G81477104	5,316	126,995SH	X	
UTI WORLDWIDE INC	ORD	G87210103	321	12,000SH	X	
TRANSOCEAN INC	ORD	G90078109	7,803	73,629SH	X	
TRANSOCEAN INC	ORD	G90078109	298	2,810SH		X
GOLAR LNG LTD BERMUDA	SHS	G9456A100	2,361	141,740SH	X	
WEATHERFORD INTERNTNL	COM	G95089101	618	11,182SH	X	
WEATHERFORD INTERNTNL	COM	G95089101	151	2,735SH		X
WILLIS GROUP HOLDINGS	SHS	G96655108	2,956	67,097SH	X	
XL CAP LTD	CL A	G98255105	25,268	299,779SH	X	
XL CAP LTD	CL A	G98255105	1,601	18,991SH		X
ALCON INC	COM SHS	H01301102	1,634	12,109SH	X	
ALCON INC	COM SHS	H01301102	145	1,075SH		X
LOGITECH INTL S A	SHS	H50430232	495	18,753SH	X	
LOGITECH INTL S A	SHS	H50430232	98	3,714SH		X
UBS AG	SHS NEW	H89231338	8,131	135,486SH	X	
UBS AG	SHS NEW	H89231338	938	15,639SH		X
MILLICOM INTL CELLULAR	SHS NEW	L6388F110	3,704	40,423SH	X	
GILAT SATELLITE NETWRKS	SHS NEW	M51474118	2,263	234,961SH	X	
QUINTANA MARITIME LTD	SHS	Y7169G109	353	22,300SH	X	
AAR CORP	COM	000361105	3,225	97,710SH	X	
ABB LTD	SPON ADR	000375204	3,707	164,031SH	X	
ABB LTD	SPON ADR	000375204	122	5,386SH		X
ACCO BRANDS CORP	COM	00081T108	619	26,839SH	X	
ACCO BRANDS CORP	COM	00081T108	2	76SH		X
ABN AMRO HLDG NV	SPON ADR	000937102	240	5,237SH	X	
ABN AMRO HLDG NV	SPON ADR	000937102	5	117SH		X
AFC ENTERPRISES INC	COM	00104Q107	226	13,050SH	X	
AFLAC INC	COM	001055102	8,459	164,580SH	X	
AFLAC INC	COM	001055102	667	12,969SH		X
AES CORP	COM	00130H105	887	40,531SH	X	
AES CORP	COM	00130H105	108	4,951SH		X
AMR CORP	COM	001765106	292	11,077SH	X	
AMR CORP	COM	001765106	6	220SH		X
AT&T INC	COM	00206R102	50,091	1,207,008SH	X	
AT&T INC	COM	00206R102	8,430	203,136SH		X
AVI BIOPHARMA INC	COM	002346104	238	85,000SH	X	
ABBOTT LABS	COM	002824100	25,897	483,601SH	X	
ABBOTT LABS	COM	002824100	7,082	132,247SH		X
ACACIA RESH CORP	COM	003881307	3,733	230,981SH	X	
ACTIVISION INC NEW	COM NEW	004930202	1,680	89,970SH	X	
ACTUANT CORP	CL A NEW	00508X203	208	3,300SH	X	
ACTUANT CORP	CL A NEW	00508X203	101	1,600SH		X
ACUITY BRANDS INC	COM	00508Y102	370	6,134SH	X	
ADOBE SYS INC	COM	00724F101	3,359	83,662SH	X	
ADOBE SYS INC	COM	00724F101	19	461SH		X

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

ADVANTAGE ENERGY INC FD	TR UNIT	00762L101	338	24,010SH	X	
ADVISORY BRD CO	COM	00762W107	3,839	69,102SH	X	
AEROPOSTALE	COM	007865108	1,683	40,375SH	X	
AEROPOSTALE	COM	007865108	20	470SH		X
AEGON N V	ORDAMERREG	007924103	373	19,002SH	X	
AEGON N V	ORDAMERREG	007924103	296	15,045SH		X
AETNA INC NEW	COM	00817Y108	704	14,242SH	X	
AETNA INC NEW	COM	00817Y108	500	10,127SH		X
AFFILIATED MANAGERS GRP	COM	008252108	10,255	79,642SH	X	
AGRIUM INC	COM	008916108	393	8,980SH	X	
AIR PRODS & CHEMS INC	COM	009158106	3,766	46,856SH	X	
AIR PRODS & CHEMS INC	COM	009158106	1,388	17,271SH		X
AIRGAS INC	COM	009363102	409	8,542SH	X	
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,503	92,577SH	X	

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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) M
AKAMAI TECHNOLOGIES INC	COM	00971T101	86	1,777SH				X
AKZO NOBEL NV	SPON ADR	010199305	307	3,579SH	X			
AKZO NOBEL NV	SPON ADR	010199305	133	1,545SH				X
ALBANY INTL CORP	CL A	012348108	279	6,904SH	X			
ALCOA INC	COM	013817101	5,268	129,978SH	X			
ALCOA INC	COM	013817101	1,970	48,598SH				X
ALCATEL-LUCENT	SPON ADR	013904305	838	59,866SH	X			
ALCATEL-LUCENT	SPON ADR	013904305	688	49,121SH				X
ALEXION PHARMACEUTICALS	COM	015351109	3,803	84,405SH	X			
ALLEGHENY ENERGY INC	COM	017361106	926	17,906SH	X			
ALLEGHENY ENERGY INC	COM	017361106	28	543SH				X
ALLEGHENY TECHNOLOGIES	COM	01741R102	1,081	10,310SH	X			
ALLEGHENY TECHNOLOGIES	COM	01741R102	28	266SH				X
ALLERGAN INC	COM	018490102	4,075	70,696SH	X			
ALLERGAN INC	COM	018490102	102	1,778SH				X
ALLETE INC	COM NEW	018522300	422	8,964SH	X			
ALLETE INC	COM NEW	018522300	23	486SH				X
ALLIANCE RES PARTNR LP	UT LP	01877R108	210	5,000SH				X
ALLIANT ENERGY CORP	COM	018802108	2,665	68,586SH	X			
ALLIANT ENERGY CORP	COM	018802108	319	8,211SH				X
ALLIANT TECHSYSTEMS INC	COM	018804104	13,323	134,370SH	X			
ALLIANZ SE	SP ADR	018805101	149	6,408SH	X			
ALLIANZ SE	SP ADR	018805101	124	5,325SH				X
ALLIANCEBERNSTN INC FD	COM	01881E101	84	10,215SH	X			
ALLIANCEBERNSTN INC FD	COM	01881E101	20	2,403SH			X	
ALLIANCEBERNSTEIN HLDG	UNIT LP	01881G106	31	357SH	X			
ALLIANCEBERNSTEIN HLDG	UNIT LP	01881G106	540	6,200SH				X

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

ALLIED CAP CORP NEW	COM	01903Q108	301	9,733SH	X	
ALLIED CAP CORP NEW	COM	01903Q108	66	2,125SH		X
ALLIED IRISH BKS P L C	SPON ADR	019228402	324	5,900SH	X	
ALLIED IRISH BKS P L C	SPON ADR	019228402	131	2,390SH		X
ALLIED WASTE INDS INC	COM	019589308	266	19,782SH	X	
ALLSTATE CORP	COM	020002101	11,567	188,048SH	X	
ALLSTATE CORP	COM	020002101	679	11,033SH		X
ALLTEL CORP	COM	020039103	8,511	125,989SH	X	
ALLTEL CORP	COM	020039103	147	2,173SH		X
ALTERA CORP	COM	021441100	561	25,354SH	X	
ALTERA CORP	COM	021441100	17	785SH		X
ALTRIA GROUP INC	COM	02209S103	41,736	595,042SH	X	
ALTRIA GROUP INC	COM	02209S103	16,622	236,977SH		X
ALUMINA LTD	SPON ADR	022205108	478	17,992SH		X
AMBAC FINL GROUP INC	COM	023139108	15,360	176,170SH	X	
AMBAC FINL GROUP INC	COM	023139108	61	702SH		X
AMEREN CORP	COM	023608102	8,477	172,964SH	X	
AMEREN CORP	COM	023608102	304	6,193SH		X
AMERICA MOVIL SAB DE CV	SPONADR LSH	02364W105	3,169	51,166SH	X	
AMERICA MOVIL SAB DE CV	SPONADR LSH	02364W105	416	6,725SH		X
AMCORE FINL INC	COM	023912108	138	4,759SH	X	
AMCORE FINL INC	COM	023912108	443	15,297SH		X
AMERICAN CAPITAL STRTGS	COM	024937104	1,361	32,001SH	X	
AMERICAN CAPITAL STRTGS	COM	024937104	91	2,140SH		X
AMERICAN EAGLE OUTFTRS	COM	02553E106	1,233	48,035SH	X	
AMERICAN EAGLE OUTFTRS	COM	02553E106	20	797SH		X
AMERICAN ELEC PWR INC	COM	025537101	4,448	98,758SH	X	
AMERICAN ELEC PWR INC	COM	025537101	174	3,866SH		X
AMERICAN EXPRESS CO	COM	025816109	10,914	178,384SH	X	
AMERICAN EXPRESS CO	COM	025816109	2,442	39,922SH		X
AMERICAN INTL GROUP INC	COM	026874107	29,230	417,388SH	X	
AMERICAN INTL GROUP INC	COM	026874107	3,401	48,565SH		X
AMERICAN STD COS INC	COM	029712106	812	13,768SH	X	
AMERICAN STD COS INC	COM	029712106	16	279SH		X
AMERICAN STS WTR CO	COM	029899101	494	13,900SH	X	
AMERICAN TOWER CORP	CL A	029912201	3,055	72,749SH	X	
AMERICAN TOWER CORP	CL A	029912201	126	3,000SH		X
AMERICAN TECHNOLOGY CORP	COM NEW	030145205	38	10,000SH		X
AMERISAFE INC	COM	03071H100	3,201	163,078SH	X	
AMERON INTL INC	COM	030710107	3,112	34,502SH	X	
AMERISOURCEBERGEN CORP	COM	03073E105	14,562	294,361SH	X	
AMERISOURCEBERGEN CORP	COM	03073E105	34	680SH		X
AMERIPRISE FINL INC	COM	03076C106	4,829	75,969SH	X	
AMERIPRISE FINL INC	COM	03076C106	258	4,062SH		X
AMETEK INC NEW	COM	031100100	222	5,588SH	X	
AMETEK INC NEW	COM	031100100	35	870SH		X
AMGEN INC	COM	031162100	11,779	213,048SH	X	
AMGEN INC	COM	031162100	955	17,267SH		X
AMPHENOL CORP NEW	CL A	032095101	1,912	53,630SH	X	
AMPHENOL CORP NEW	CL A	032095101	47	1,306SH		X
ANADARKO PETE CORP	COM	032511107	1,454	27,976SH	X	
ANADARKO PETE CORP	COM	032511107	432	8,305SH		X
ANADIGICS INC	COM	032515108	2,404	174,324SH	X	
ANALOG DEVICES INC	COM	032654105	2,622	69,657SH	X	
ANALOG DEVICES INC	COM	032654105	238	6,328SH		X
ANCHOR BANCORP WIS INC	COM	032839102	288	11,011SH	X	
ANCHOR BANCORP WIS INC	COM	032839102	599	22,880SH		X
ANDREW CORP	COM	034425108	1,162	80,460SH	X	
ANDREW CORP	COM	034425108	1	100SH		X
ANGLOGOLD ASHANTI LTD	SPONS ADR	035128206	8	200SH	X	
ANGLOGOLD ASHANTI LTD	SPONS ADR	035128206	467	12,354SH		X

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

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 06/30/2007

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

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)
ANHEUSER BUSCH COS INC	COM	035229103	6,617	126,853SH		X		
ANHEUSER BUSCH COS INC	COM	035229103	4,730	90,675SH				X
ANSYS INC	COM	03662Q105	4,220	159,230SH		X		
ANTHRACITE CAP INC	COM	037023108	185	15,850SH		X		
AON CORP	COM	037389103	538	12,630SH		X		
AON CORP	COM	037389103	151	3,540SH				X
APACHE CORP	COM	037411105	15,410	188,874SH		X		
APACHE CORP	COM	037411105	1,217	14,910SH				X
APARTMENT INVT&MGMT CO	CL A	03748R101	4,769	94,585SH		X		
APARTMENT INVT&MGMT CO	CL A	03748R101	101	2,004SH				X
APOGEE ENTERPRISES INC	COM	037598109	4,840	173,982SH		X		
APOGEE ENTERPRISES INC	COM	037598109	127	4,548SH				X
APOLLO GROUP INC	CL A	037604105	311	5,318SH		X		
APOLLO GROUP INC	CL A	037604105	9	153SH				X
APOLLO INVT CORP	COM	03761U106	202	9,365SH		X		
APOLLO INVT CORP	COM	03761U106	24	1,112SH				X
APPLE INC	COM	037833100	16,369	134,130SH		X		
APPLE INC	COM	037833100	769	6,298SH				X
APRIA HEALTHCARE GRP	COM	037933108	245	8,513SH		X		
APPLERA CORP	COM	038020103	920	30,139SH		X		
APPLERA CORP	COM	038020103	3	100SH				X
APPLIED MATLS INC	COM	038222105	13,892	699,137SH		X		
APPLIED MATLS INC	COM	038222105	751	37,819SH				X
AQUILA INC	COM	03840P102	114	27,836SH		X		
ARCELOR MITTAL	NY REG CLA	03937E101	665	10,662SH		X		
ARCHER DANIELS MIDLAND	COM	039483102	4,488	135,635SH		X		
ARCHER DANIELS MIDLAND	COM	039483102	244	7,379SH				X
ARCHSTONE SMITH TR	COM	039583109	5,163	87,345SH		X		
ARCHSTONE SMITH TR	COM	039583109	46	780SH				X
ARENA RESOURCES INC	COM	040049108	4,305	74,077SH		X		
ARROW ELECTRS INC	COM	042735100	8,729	227,131SH		X		
ARUBA NETWORKS INC	COM	043176106	2,957	147,127SH		X		
ARVINMERITOR INC	COM	043353101	257	11,575SH		X		
ASHLAND INC NEW	COM	044209104	260	4,071SH		X		
ASHLAND INC NEW	COM	044209104	63	985SH				X
ASSOCIATED BANC CORP	COM	045487105	7,233	221,203SH		X		
ASSOCIATED BANC CORP	COM	045487105	2,068	63,243SH				X
ASTRAZENECA PLC	SPONS ADR	046353108	98	1,831SH		X		
ASTRAZENECA PLC	SPONS ADR	046353108	108	2,020SH				X
AUTODESK INC	COM	052769106	4,228	89,815SH		X		
AUTODESK INC	COM	052769106	28	592SH				X
AUTOLIV INC	COM	052800109	10,278	180,730SH		X		

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

AUTOLIV INC	COM	052800109	124	2,175SH			X
AUTOMATIC DATA PROCESSG	COM	053015103	1,591	32,834SH		X	
AUTOMATIC DATA PROCESSG	COM	053015103	1,325	27,327SH			X
AUTONATION INC	COM	05329W102	279	12,419SH		X	
AUTONATION INC	COM	05329W102	9	386SH			X
AUTOZONE INC	COM	053332102	930	6,809SH		X	
AUTOZONE INC	COM	053332102	36	267SH			X
AVALONBAY CMNTYS INC	COM	053484101	662	5,570SH		X	
AVAYA INC	COM	053499109	625	37,120SH		X	
AVAYA INC	COM	053499109	14	814SH			X
AVERY DENNISON CORP	COM	053611109	2,635	39,630SH		X	
AVERY DENNISON CORP	COM	053611109	308	4,640SH			X
AVNET INC	COM	053807103	1,074	27,095SH		X	
AVNET INC	COM	053807103	22	567SH			X
AVON PRODS INC	COM	054303102	624	16,972SH		X	
AVON PRODS INC	COM	054303102	2	41SH			X
BB&T CORP	COM	054937107	8,661	212,905SH		X	
BB&T CORP	COM	054937107	117	2,885SH			X
B & G FOODS INC NEW	UNIT	05508R205	40	2,000SH		X	
B & G FOODS INC NEW	UNIT	05508R205	304	15,000SH			X
BJS WHOLESALE CLUB INC	COM	05548J106	11,167	309,946SH		X	
BJ SVCS CO	COM	055482103	2,140	75,238SH		X	
BJ SVCS CO	COM	055482103	11	393SH			X
BP PLC	SPONS ADR	055622104	14,363	199,095SH		X	
BP PLC	SPONS ADR	055622104	7,564	104,847SH			X
BPZ ENERGY INC	COM	055639108	3,768	675,354SH		X	
BMC SOFTWARE INC	COM	055921100	1,418	46,783SH		X	
BMC SOFTWARE INC	COM	055921100	74	2,427SH			X
BADGER METER INC	COM	056525108	27,135	960,193SH		X	
BADGER METER INC	COM	056525108	531	18,800SH			X
BAKER HUGHES INC	COM	057224107	2,922	34,734SH		X	
BAKER HUGHES INC	COM	057224107	34	400SH			X
BALDOR ELEC CO	COM	057741100	299	6,076SH		X	
BALL CORP	COM	058498106	2,283	42,935SH		X	
BALL CORP	COM	058498106	53	992SH			X
BANK OF AMERICA CORP	COM	060505104	43,358	886,850SH		X	
BANK OF AMERICA CORP	COM	060505104	5,940	121,507SH			X
BANK MUTUAL CORP NEW	COM	063750103	300	26,021SH		X	
BANK MUTUAL CORP NEW	COM	063750103	201	17,390SH			X
BANK NEW YORK INC COM		064057102	3,524	85,048SH		X	
BANK NEW YORK INC COM		064057102	457	11,036SH			X
BANKUNITED FINL CORP	CL A	06652B103	206	10,262SH		X	
BANKUNITED FINL CORP	CL A	06652B103	13	670SH			X
BARCLAYS BK PLC	DJAIGCMTY36	06738C778	516	10,158SH		X	
BARCLAYS PLC	ADR	06738E204	342	6,138SH		X	
BARCLAYS PLC	ADR	06738E204	8	150SH			X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 06/30/2007

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

INVESTMENT
 DISCRETION

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

NAME OF ISSUER	TITLE	CUSIP	MARKET	SHRS OR PRN AMT	SH/ PUT/ CALL	SOLE (A)	SHR (B)	OTHR (C)	M
	OF CLASS		VALUE (X\$1000)						
BARD C R INC	COM	067383109	2,872	34,760SH		X			
BARD C R INC	COM	067383109	1,813	21,940SH				X	
BARRICK GOLD CORP	COM	067901108	61	2,085SH		X			
BARRICK GOLD CORP	COM	067901108	1,243	42,750SH				X	
BAXTER INTL INC	COM	071813109	16,210	287,709SH		X			
BAXTER INTL INC	COM	071813109	1,320	23,434SH				X	
BE AEROSPACE INC	COM	073302101	5,220	126,392SH		X			
BE AEROSPACE INC	COM	073302101	23	555SH				X	
BEAR STEARNS COS INC	COM	073902108	8,264	59,030SH		X			
BEAR STEARNS COS INC	COM	073902108	159	1,138SH				X	
BECTON DICKINSON & CO	COM	075887109	1,719	23,068SH		X			
BECTON DICKINSON & CO	COM	075887109	14	193SH				X	
BED BATH & BEYOND INC	COM	075896100	242	6,713SH		X			
BED BATH & BEYOND INC	COM	075896100	4	99SH				X	
BELDEN INC	COM	077454106	632	11,417SH		X			
BEMIS INC	COM	081437105	567	17,098SH		X			
BEMIS INC	COM	081437105	8	245SH				X	
BERKLEY W R CORP	COM	084423102	2,419	74,341SH		X			
BERKLEY W R CORP	COM	084423102	32	980SH				X	
BERKSHIRE HATHAWAY INC	CL A	084670108	328	3SH		X			
BERKSHIRE HATHAWAY INC	CL A	084670108	1,861	17SH				X	
BERKSHIRE HATHAWAY INC	CL B	084670207	4,002	1,110SH		X			
BERKSHIRE HATHAWAY INC	CL B	084670207	1,597	443SH				X	
BEST BUY INC	COM	086516101	6,551	140,359SH		X			
BEST BUY INC	COM	086516101	1,453	31,135SH				X	
BHP BILLITON LTD	SPON ADR	088606108	168	2,806SH		X			
BHP BILLITON LTD	SPON ADR	088606108	735	12,300SH				X	
BIG LOTS INC	COM	089302103	897	30,500SH		X			
BIG LOTS INC	COM	089302103	5	155SH				X	
BIO-REFERENCE LABS INC	COM	09057G602	1,525	55,745SH		X			
BIO RAD LABS INC	CL A	090572207	304	4,025SH		X			
BIOMARIN PHARMACEUTICAL	COM	09061G101	4,090	227,998SH		X			
BIOMET INC	COM	090613100	216	4,731SH		X			
BIOMET INC	COM	090613100	94	2,046SH				X	
BIOGEN IDEC INC	COM	09062X103	2,487	46,492SH		X			
BIOGEN IDEC INC	COM	09062X103	49	920SH				X	
BIOVAIL CORP	COM	09067J109	9,669	380,374SH		X			
BLACK & DECKER CORP	COM	091797100	799	9,052SH		X			
BLACK & DECKER CORP	COM	091797100	6	73SH				X	
BLACKROCK INC	COM	09247X101	331	2,114SH		X			
BLACKROCK INC	COM	09247X101	7	45SH				X	
BLOCK H & R INC	COM	093671105	6,734	288,131SH		X			
BLOCK H & R INC	COM	093671105	124	5,315SH				X	
BLUE COAT SYSTEMS INC	COM NEW	09534T508	3,122	63,055SH		X			
BOEING CO	COM	097023105	26,322	273,731SH		X			
BOEING CO	COM	097023105	2,348	24,416SH				X	
BORG WARNER INC	COM	099724106	987	11,467SH		X			
BOSTON PROPERTIES INC	COM	101121101	1,915	18,746SH		X			
BOSTON PROPERTIES INC	COM	101121101	26	254SH				X	
BOSTON SCIENTIFIC CORP	COM	101137107	259	16,874SH		X			
BOSTON SCIENTIFIC CORP	COM	101137107	50	3,239SH				X	
BRADY CORP	CL A	104674106	112	3,012SH		X			
BRADY CORP	CL A	104674106	1,833	49,341SH				X	
BRIGGS & STRATTON CORP	COM	109043109	1,731	54,835SH		X			
BRIGGS & STRATTON CORP	COM	109043109	465	14,720SH				X	
BRINKER INTL INC	COM	109641100	1,690	57,737SH		X			
BRINKS CO	COM	109696104	279	4,511SH		X			

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

BRISTOL MYERS SQUIBB CO	COM	110122108	20,730	656,844SH	X	
BRISTOL MYERS SQUIBB CO	COM	110122108	2,638	83,601SH		X
BRITISH SKY BROADCASTNG	SPON ADR	111013108	320	6,205SH	X	
BRITISH SKY BROADCASTNG	SPON ADR	111013108	5	100SH		X
BROADCOM CORP	CL A	111320107	2,072	70,841SH	X	
BROADCOM CORP	CL A	111320107	8	278SH		X
BROOKFIELD ASSET MGMT	CL A VT SH	112585104	181	4,545SH	X	
BROOKFIELD ASSET MGMT	CL A VT SH	112585104	131	3,291SH		X
BROWN FORMAN CORP	CL B	115637209	280	3,831SH	X	
BROWN FORMAN CORP	CL B	115637209	4	61SH		X
BRUNSWICK CORP	COM	117043109	1,184	36,294SH	X	
BRUNSWICK CORP	COM	117043109	14	419SH		X
BURLINGTN NRTHN SNTA FE	COM	12189T104	3,507	41,195SH	X	
BURLINGTN NRTHN SNTA FE	COM	12189T104	874	10,271SH		X
CBS CORP NEW	CL B	124857202	7,398	222,022SH	X	
CBS CORP NEW	CL B	124857202	131	3,931SH		X
CB RICHARD ELLIS GROUP	CL A	12497T101	2,308	63,230SH	X	
CB RICHARD ELLIS GROUP	CL A	12497T101	223	6,115SH		X
C H ROBINSON WORLDWIDE	COM NEW	12541W209	815	15,527SH	X	
C H ROBINSON WORLDWIDE	COM NEW	12541W209	47	900SH		X
CIGNA CORP	COM	125509109	1,421	27,205SH	X	
CIGNA CORP	COM	125509109	280	5,359SH		X
CIT GROUP INC	COM	125581108	12,041	219,612SH	X	
CIT GROUP INC	COM	125581108	103	1,880SH		X
CMS ENERGY CORP	COM	125896100	9,530	554,081SH	X	
CMS ENERGY CORP	COM	125896100	1	45SH		X
CSX CORP	COM	126408103	900	19,955SH	X	
CSX CORP	COM	126408103	267	5,926SH		X
CTC MEDIA INC	COM	12642X106	6,091	224,423SH	X	
CVS CAREMARK CORP	COM	126650100	7,239	198,603SH	X	
CVS CAREMARK CORP	COM	126650100	346	9,493SH		X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
CA INC	COM	12673P105	263	10,167SH		X		
CA INC	COM	12673P105	178	6,873SH				X
CABELAS INC	COM	126804301	4,358	196,909SH		X		
CADENCE DESIGN SYSTEM	COM	127387108	8,586	390,991SH		X		
CALAMOS STRATEGIC TOTAL	COM SH BEN	I128125101	153	10,116SH		X		
CALGON CARBON CORP	COM	129603106	513	44,200SH		X		
CALGON CARBON CORP	COM	129603106	2	200SH				X
CAMECO CORP	COM	13321L108	3,966	78,169SH		X		
CAMECO CORP	COM	13321L108	604	11,900SH				X
CAMPBELL SOUP CO	COM	134429109	1,861	47,955SH		X		

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

CAMPBELL SOUP CO	COM	134429109	151	3,902SH			X
CANON INC	ADR	138006309	779	13,282SH		X	
CANON INC	ADR	138006309	5	90SH			X
CAPITAL ONE FINL CORP	COM	14040H105	454	5,786SH		X	
CAPITAL ONE FINL CORP	COM	14040H105	772	9,840SH			X
CAPSTONE TURBINE CORP	COM	14067D102	16	15,000SH			X
CARDINAL HEALTH INC	COM	14149Y108	7,763	109,889SH		X	
CARDINAL HEALTH INC	COM	14149Y108	827	11,702SH			X
CARNIVAL CORP	PAIRED CTF	143658300	467	9,568SH		X	
CARNIVAL CORP	PAIRED CTF	143658300	379	7,775SH			X
CATERPILLAR INC DEL	COM	149123101	6,859	87,596SH		X	
CATERPILLAR INC DEL	COM	149123101	3,790	48,408SH			X
CBEYOND INC	COM	149847105	2,779	72,152SH		X	
CELGENE CORP	COM	151020104	4,360	76,053SH		X	
CELGENE CORP	COM	151020104	154	2,694SH			X
CEMEX SAB DE CV	SPON ADR	151290889	622	16,843SH		X	
CEMEX SAB DE CV	SPON ADR	151290889	78	2,113SH			X
CENTERPOINT ENERGY INC	COM	15189T107	4,515	259,505SH		X	
CENTERPOINT ENERGY INC	COM	15189T107	41	2,369SH			X
CENTERPLATE INC	UNIT	15200E204	35	2,000SH		X	
CENTERPLATE INC	UNIT	15200E204	326	18,500SH			X
CENTRAL EUROPEAN DIST	COM	153435102	5,497	158,777SH		X	
CENTRAL FD CDA LTD	CL A	153501101	91	10,000SH		X	
CENTRAL FD CDA LTD	CL A	153501101	2	200SH			X
CEPHEID	COM	15670R107	3,198	219,040SH		X	
CENVEO INC	COM	15670S105	260	11,200SH		X	
CENTURYTEL INC	COM	156700106	185	3,776SH		X	
CENTURYTEL INC	COM	156700106	60	1,215SH			X
CEPHALON INC	COM	156708109	3,162	39,336SH		X	
CERNER CORP	COM	156782104	2,038	36,732SH		X	
CHARLES RIV LABS INTL	COM	159864107	69	1,336SH		X	
CHARLES RIV LABS INTL	COM	159864107	239	4,630SH			X
CHECKPOINT SYS INC	COM	162825103	401	15,878SH		X	
CHESAPEAKE ENERGY CORP	COM	165167107	3,480	100,571SH		X	
CHESAPEAKE ENERGY CORP	COM	165167107	148	4,290SH			X
CHEVRON CORP NEW	COM	166764100	74,467	883,984SH		X	
CHEVRON CORP NEW	COM	166764100	7,370	87,487SH			X
CHICAGO BRDGE & IRON CO	N Y REG SH	167250109	1,893	50,160SH		X	
CHICAGO MERCANTILE HLDG	CL A	167760107	3,594	6,725SH		X	
CHICAGO MERCANTILE HLDG	CL A	167760107	183	342SH			X
CHICOS FAS INC	COM	168615102	7,072	290,559SH		X	
CHICOS FAS INC	COM	168615102	7	300SH			X
CHUBB CORP	COM	171232101	9,869	182,287SH		X	
CHUBB CORP	COM	171232101	357	6,601SH			X
CHUNGHWA TELECOM CO LTD	SPON ADR	17133Q205	815	43,208SH			X
CINCINNATI FINL CORP	COM	172062101	5,877	135,408SH		X	
CINCINNATI FINL CORP	COM	172062101	82	1,893SH			X
CIRCOR INTL INC	COM	17273K109	222	5,500SH		X	
CISCO SYS INC	COM	17275R102	37,667	1,352,478SH		X	
CISCO SYS INC	COM	17275R102	4,980	178,824SH			X
CITADEL BROADCSTNG CORP	COM	17285T106	221	34,208SH		X	
CITADEL BROADCSTNG CORP	COM	17285T106	25	3,866SH			X
CINTAS CORP	COM	172908105	952	24,151SH		X	
CINTAS CORP	COM	172908105	18	450SH			X
CITIGROUP INC	COM	172967101	61,742	1,203,787SH		X	
CITIGROUP INC	COM	172967101	6,658	129,809SH			X
CITIZENS COMMUNICATIONS	COCOM	17453B101	16,409	1,074,581SH		X	
CITIZENS COMMUNICATIONS	COCOM	17453B101	183	11,985SH			X
CITRIX SYS INC	COM	177376100	593	17,617SH		X	
CITRIX SYS INC	COM	177376100	17	501SH			X
CITY NATL CORP	COM	178566105	5,647	74,210SH		X	
CLARCOR INC	COM	179895107	52	1,383SH		X	

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

CLARCOR INC	COM	179895107	524	14,000SH						X
CLEAR CHANNEL COMM	COM	184502102	8,320	219,993SH			X			
CLEAR CHANNEL COMM	COM	184502102	92	2,426SH						X
CLOROX CO DEL	COM	189054109	1,021	16,445SH			X			
CLOROX CO DEL	COM	189054109	65	1,053SH						X
COACH INC	COM	189754104	8,406	177,388SH			X			
COACH INC	COM	189754104	1,201	25,346SH						X
COCA COLA CO	COM	191216100	28,876	552,008SH			X			
COCA COLA CO	COM	191216100	5,048	96,493SH						X
COCA COLA ENTERPRISES	COM	191219104	9,390	391,255SH			X			
COCA COLA ENTERPRISES	COM	191219104	15	631SH						X
COEUR D ALENE MINES CRP	COM	192108108	39	11,000SH			X			
COGENT COMM GROUP INC	COM NEW	19239V302	209	7,000SH			X			
COGNIZANT TECHNOLOGY SOL	CL A	192446102	2,686	35,812SH			X			
COGNIZANT TECHNOLOGY SOL	CL A	192446102	173	2,301SH						X
COLGATE PALMOLIVE CO	COM	194162103	18,564	286,260SH			X			

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)		
COLGATE PALMOLIVE CO	COM	194162103	2,688	41,444SH						X
COMCAST CORP NEW	CL A	20030N101	19,382	689,266SH			X			
COMCAST CORP NEW	CL A	20030N101	986	35,078SH						X
COMCAST CORP NEW	CL A SPL	20030N200	172	6,164SH			X			
COMCAST CORP NEW	CL A SPL	20030N200	628	22,445SH						X
COMERICA INC	COM	200340107	6,245	105,003SH			X			
COMERICA INC	COM	200340107	302	5,080SH						X
COMMERCE BANCORP INC NJ	COM	200519106	280	7,565SH			X			
COMMERCE BANCSHARES INC	COM	200525103	3,461	76,406SH			X			
COMMERCE BANCSHARES INC	COM	200525103	1,168	25,789SH						X
COMMERCE GROUP INC MASS	COM	200641108	39	1,124SH			X			
COMMERCE GROUP INC MASS	COM	200641108	195	5,610SH						X
COMPASS BANCSHARES INC	COM	20449H109	820	11,885SH			X			
COMPASS BANCSHARES INC	COM	20449H109	6	86SH						X
COMPUTER SCIENCES CORP	COM	205363104	1,759	29,740SH			X			
COMPUTER SCIENCES CORP	COM	205363104	83	1,398SH						X
COMPUWARE CORP	COM	205638109	476	40,128SH			X			
COMPUWARE CORP	COM	205638109	1	85SH						X
CONAGRA FOODS INC	COM	205887102	11,284	420,102SH			X			
CONAGRA FOODS INC	COM	205887102	58	2,166SH						X
CONOCOPHILLIPS	COM	20825C104	28,796	366,833SH			X			
CONOCOPHILLIPS	COM	20825C104	2,953	37,616SH						X
CONSECO INC	COM NEW	208464883	288	13,779SH			X			
CONSOL ENERGY INC	COM	20854P109	205	4,450SH			X			
CONSOLIDATED COMM HLDGS	COM	209034107	219	9,700SH						X

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

CONSOLIDATED EDISON INC	COM	209115104	9,303	206,179SH	X	
CONSOLIDATED EDISON INC	COM	209115104	277	6,129SH		X
CONSOLIDTD GRAPHICS INC	COM	209341106	319	4,607SH	X	
CONSTELLATION BRNDS INC	CL A	21036P108	230	9,471SH	X	
CONSTELLATION BRNDS INC	CL A	21036P108	77	3,175SH		X
CONSTELLATION ENRGY GRP	COM	210371100	4,720	54,148SH	X	
CONSTELLATION ENRGY GRP	COM	210371100	47	539SH		X
CONTANGO OIL & GAS CO	COM NEW	21075N204	5,406	148,955SH	X	
CONTINENTAL AIRLS INC	CL B	210795308	3,207	94,678SH	X	
CONVERGYS CORP	COM	212485106	1,181	48,706SH	X	
CONVERGYS CORP	COM	212485106	17	719SH		X
CORN PRODS INTL INC	COM	219023108	370	8,135SH	X	
CORNING INC	COM	219350105	2,089	81,779SH	X	
CORNING INC	COM	219350105	97	3,815SH		X
COSTCO WHSL CORP NEW	COM	22160K105	1,068	18,249SH	X	
COSTCO WHSL CORP NEW	COM	22160K105	396	6,775SH		X
COUNTRYWIDE FIN CORP	COM	222372104	1,552	42,687SH	X	
COUNTRYWIDE FIN CORP	COM	222372104	265	7,279SH		X
COVANCE INC	COM	222816100	2,203	32,136SH	X	
COVENTRY HLTH CARE INC	COM	222862104	447	7,746SH	X	
COVENTRY HLTH CARE INC	COM	222862104	3	45SH		X
COX RADIO INC	CL A	224051102	159	11,194SH	X	
CREDIT SUISSE GROUP	SPON ADR	225401108	271	3,822SH	X	
CREDIT SUISSE GROUP	SPON ADR	225401108	6	80SH		X
CROWN CASTLE INTL CORP	COM	228227104	2,176	59,998SH	X	
CROWN CASTLE INTL CORP	COM	228227104	73	2,000SH		X
CUMMINS INC	COM	231021106	2,671	26,392SH	X	
CUMMINS INC	COM	231021106	25	243SH		X
CYNOSURE INC	CL A	232577205	2,866	78,678SH	X	
CYTEC INDS INC	COM	232820100	272	4,261SH	X	
CYTEC INDS INC	COM	232820100	20	311SH		X
DNP SELECT INCOME FD	COM	23325P104	772	70,974SH	X	
DNP SELECT INCOME FD	COM	23325P104	32	3,000SH		X
DRS TECHNOLOGIES INC	COM	23330X100	518	9,038SH	X	
DST SYS INC DEL	COM	233326107	2,347	29,629SH	X	
DTE ENERGY CO	COM	233331107	6,040	125,258SH	X	
DTE ENERGY CO	COM	233331107	146	3,018SH		X
DANAHER CORP DEL	COM	235851102	2,777	36,788SH	X	
DANAHER CORP DEL	COM	235851102	169	2,241SH		X
DARDEN RESTAURANTS INC	COM	237194105	403	9,157SH	X	
DARDEN RESTAURANTS INC	COM	237194105	9	200SH		X
DAVITA INC	COM	23918K108	5,096	94,576SH	X	
DAVITA INC	COM	23918K108	63	1,165SH		X
DEAN FOODS CO NEW	COM	242370104	221	6,930SH	X	
DEERE & CO	COM	244199105	12,032	99,649SH	X	
DEERE & CO	COM	244199105	957	7,927SH		X
DEL MONTE FOODS CO	COM	24522P103	7,787	640,360SH	X	
DEL MONTE FOODS CO	COM	24522P103	34	2,815SH		X
DELL INC	COM	24702R101	12,560	439,926SH	X	
DELL INC	COM	24702R101	857	30,027SH		X
DENBURY RES INC	COM NEW	247916208	3,139	83,696SH	X	
DENNYS CORP	COM	24869P104	200	45,000SH	X	
DENTSPLY INTL INC NEW	COM	249030107	9,348	244,318SH	X	
DENTSPLY INTL INC NEW	COM	249030107	77	2,021SH		X
DEUTSCHE TELEKOM AG	SPON ADR	251566105	233	12,650SH	X	
DEUTSCHE TELEKOM AG	SPON ADR	251566105	12	675SH		X
DEVON ENERGY CORP NEW	COM	25179M103	4,801	61,317SH	X	
DEVON ENERGY CORP NEW	COM	25179M103	254	3,247SH		X
DEVRY INC DEL	COM	251893103	5,517	162,177SH	X	
DIAGEO P L C	SPON ADR	25243Q205	846	10,157SH	X	
DIAGEO P L C	SPON ADR	25243Q205	157	1,885SH		X
DIAMOND OFFSHORE DRILNG	COM	25271C102	1,330	13,094SH	X	

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

DIAMONDS TR UNIT SER 1 252787106 2,481 18,487SH X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
DIAMONDS TR	UNIT SER 1	252787106	1,783	13,286SH				X
DICKS SPORTNG GOODS INC	COM	253393102	1,681	28,903SH		X		
DICKS SPORTNG GOODS INC	COM	253393102	20	352SH				X
DIGITAL RIV INC	COM	25388B104	2,425	53,599SH		X		
DIGITAL RIV INC	COM	25388B104	17	378SH				X
DILLARDS INC	CL A	254067101	541	15,063SH		X		
DIRECTV GROUP INC	COM	25459L106	2,238	96,836SH		X		
DIRECTV GROUP INC	COM	25459L106	181	7,832SH				X
DISNEY WALT CO	COM	254687106	20,797	609,158SH		X		
DISNEY WALT CO	COM	254687106	1,864	54,612SH				X
DOLLAR GEN CORP COM		256669102	182	8,306SH		X		
DOLLAR GEN CORP COM		256669102	19	853SH				X
DOMINION RES INC VA NEW	COM	25746U109	2,467	28,582SH		X		
DOMINION RES INC VA NEW	COM	25746U109	107	1,240SH				X
DONNELLEY R R & SONS CO	COM	257867101	13,525	310,852SH		X		
DONNELLEY R R & SONS CO	COM	257867101	86	1,977SH				X
DOUBLE-TAKE SFTWARE INC	COM	258598101	2,677	163,156SH		X		
DOVER CORP	COM	260003108	226	4,422SH		X		
DOVER CORP	COM	260003108	324	6,325SH				X
DOW CHEM CO	COM	260543103	14,863	336,118SH		X		
DOW CHEM CO	COM	260543103	1,401	31,677SH				X
DOW JONES & CO INC	COM	260561105	2,070	36,024SH		X		
DOW JONES & CO INC	COM	260561105	100	1,745SH				X
DU PONT E I DE NEMOURS	COM	263534109	10,062	197,924SH		X		
DU PONT E I DE NEMOURS	COM	263534109	1,232	24,230SH				X
DUKE ENERGY CORP NEW	COM	26441C105	6,805	371,861SH		X		
DUKE ENERGY CORP NEW	COM	26441C105	180	9,832SH				X
DUKE REALTY CORP	COM NEW	264411505	401	11,240SH		X		
DUKE REALTY CORP	COM NEW	264411505	77	2,151SH				X
DUN & BRADSTREET CORP	COM	26483E100	2,658	25,812SH		X		
DYNEGY INC DEL	CL A	26817G102	167	17,651SH		X		
DYNEGY INC DEL	CL A	26817G102	4	431SH				X
EGL INC	COM	268484102	299	6,428SH		X		
E M C CORP MASS	COM	268648102	4,732	261,446SH		X		
E M C CORP MASS	COM	268648102	56	3,094SH				X
ENSCO INTL INC	COM	26874Q100	1,671	27,397SH		X		
ENSCO INTL INC	COM	26874Q100	226	3,711SH				X
ENI S P A	SPON ADR	26874R108	26	365SH		X		
ENI S P A	SPON ADR	26874R108	576	7,956SH				X
EOG RES INC	COM	26875P101	835	11,430SH		X		

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

EOG RES INC	COM	26875P101	167	2,289SH			X
E TRADE FINANCIAL CORP	COM	269246104	723	32,747SH		X	
E TRADE FINANCIAL CORP	COM	269246104	107	4,831SH			X
EASTMAN CHEM CO	COM	277432100	1,685	26,189SH		X	
EASTMAN CHEM CO	COM	277432100	54	834SH			X
EASTMAN KODAK CO	COM	277461109	1,093	39,292SH		X	
EASTMAN KODAK CO	COM	277461109	94	3,394SH			X
EATON CORP	COM	278058102	11,823	127,131SH		X	
EATON CORP	COM	278058102	439	4,716SH			X
EATON VANCE LTD DRTN	COM	27828H105	268	15,000SH		X	
EATON VANCE LTD DRTN	COM	27828H105	9	520SH			X
EBAY INC	COM	278642103	1,234	38,344SH		X	
EBAY INC	COM	278642103	90	2,797SH			X
ECOLAB INC	COM	278865100	1,187	27,787SH		X	
ECOLAB INC	COM	278865100	461	10,799SH			X
EDISON INTL	COM	281020107	14,348	255,669SH		X	
EDISON INTL	COM	281020107	74	1,311SH			X
EDWARDS LIFESCIENCES	COM	28176E108	940	19,049SH		X	
EDWARDS LIFESCIENCES	COM	28176E108	18	360SH			X
EDWARDS AG INC	COM	281760108	3,694	43,696SH		X	
EINSTEIN NOAH REST GRP	COM	28257U104	1,376	81,439SH		X	
ELECTRONIC ARTS INC	COM	285512109	7,189	151,919SH		X	
ELECTRONIC ARTS INC	COM	285512109	549	11,596SH			X
ELECTRONIC DATA SYS NEW	COM	285661104	283	10,216SH		X	
ELECTRONIC DATA SYS NEW	COM	285661104	26	933SH			X
ELECTRONICS FOR IMAGING	COM	286082102	9,148	324,156SH		X	
ELECTRONICS FOR IMAGING	COM	286082102	17	600SH			X
EMBARQ CORP	COM	29078E105	16,165	255,094SH		X	
EMBARQ CORP	COM	29078E105	169	2,663SH			X
EMBRAER-EMPRESA	SPON ADR	29081M102	1,231	25,540SH		X	
EMERSON ELEC CO	COM	291011104	15,917	340,098SH		X	
EMERSON ELEC CO	COM	291011104	5,217	111,482SH			X
EMPIRE DIST ELEC CO	COM	291641108	1,021	45,649SH		X	
EMPIRE DIST ELEC CO	COM	291641108	16	700SH			X
ENCANA CORP	COM	292505104	366	5,960SH		X	
ENCANA CORP	COM	292505104	224	3,641SH			X
ENDESA S A	SPON ADR	29258N107	4	70SH		X	
ENDESA S A	SPON ADR	29258N107	412	7,800SH			X
ENERGEN CORP	COM	29265N108	240	4,375SH		X	
ENEL SOCIETA PER AZIONI	ADR	29265W108	307	5,712SH			X
ENERGIZER HLDGS INC	COM	29266R108	6,147	61,719SH		X	
ENERGIZER HLDGS INC	COM	29266R108	4,530	45,479SH			X
ENGY TRANSFER PRTNRS LP	UNIT LP	29273R109	143	2,318SH		X	
ENGY TRANSFER PRTNRS LP	UNIT LP	29273R109	136	2,200SH			X
ENERPLUS RES FD	UNIT TR G	29274D604	83	1,760SH		X	
ENERPLUS RES FD	UNIT TR G	29274D604	330	7,000SH			X
ENTERGY CORP NEW	COM	29364G103	13,606	126,742SH		X	
ENTERGY CORP NEW	COM	29364G103	8	72SH			X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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

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)
ENTERPRISE PRODS PRNRS	COM	293792107	377	11,843	SH		X		
ENTERPRISE PRODS PRNRS	COM	293792107	22	700	SH				X
EQUIFAX INC	COM	294429105	730	16,431	SH		X		
EQUIFAX INC	COM	294429105	18	397	SH				X
EQUINIX INC	COM NEW	29444U502	6,203	67,811	SH		X		
EQUITABLE RES INC	COM	294549100	1,827	36,855	SH		X		
EQUITY RESIDENTIAL	SH BEN INT	29476L107	4,129	90,484	SH		X		
EQUITY RESIDENTIAL	SH BEN INT	29476L107	88	1,931	SH				X
ERICSSON L M TEL CO	ADR B	294821608	3,056	76,602	SH		X		
ERICSSON L M TEL CO	ADR B	294821608	833	20,885	SH				X
EXELON CORP	COM	30161N101	9,696	133,551	SH		X		
EXELON CORP	COM	30161N101	605	8,339	SH				X
EXPEDITORS INTL WASH	COM	302130109	349	8,443	SH		X		
EXPEDITORS INTL WASH	COM	302130109	3	75	SH				X
EXPRESS SCRIPTS INC	COM	302182100	3,499	69,971	SH		X		
EXPRESS SCRIPTS INC	COM	302182100	68	1,366	SH				X
EXXON MOBIL CORP	COM	30231G102	104,164	1,241,825	SH		X		
EXXON MOBIL CORP	COM	30231G102	26,397	314,703	SH				X
FEI CO	COM	30241L109	3,213	98,993	SH		X		
FNB CORP PA	COM	302520101	545	32,552	SH		X		
FPL GROUP INC	COM	302571104	2,395	42,217	SH		X		
FPL GROUP INC	COM	302571104	608	10,715	SH				X
FTI CONSULTING INC	COM	302941109	236	6,200	SH		X		
FAIR ISAAC CORP	COM	303250104	3,702	92,263	SH		X		
FALCONSTOR SOFTWARE INC	COM	306137100	3,647	345,644	SH		X		
FAMILY DLR STORES INC	COM	307000109	555	16,163	SH		X		
FAMILY DLR STORES INC	COM	307000109	1	25	SH				X
FASTENAL CO	COM	311900104	906	21,648	SH		X		
FASTENAL CO	COM	311900104	14	345	SH				X
FED HOME LN MTG CORP	COM	313400301	9,291	153,064	SH		X		
FED HOME LN MTG CORP	COM	313400301	970	15,981	SH				X
FEDERAL NATL MTG ASSN	COM	313586109	3,444	52,723	SH		X		
FEDERAL NATL MTG ASSN	COM	313586109	931	14,246	SH				X
FEDERAL SIGNAL CORP	COM	313855108	1,065	67,154	SH		X		
FEDERAL SIGNAL CORP	COM	313855108	24	1,500	SH				X
FEDERATED INVS INC PA	CL B	314211103	639	16,670	SH		X		
FEDERATED INVS INC PA	CL B	314211103	4	107	SH				X
FEDEX CORP	COM	31428X106	2,202	19,841	SH		X		
FEDEX CORP	COM	31428X106	439	3,955	SH				X
FERRELLGAS PARTNERS LP	UNIT LP	315293100	338	14,000	SH		X		
F5 NETWORKS INC	COM	315616102	1,473	18,273	SH		X		
FIDELITY NATL INFO SV	COM	31620M106	2,512	46,285	SH		X		
FIFTH THIRD BANCORP	COM	316773100	7,695	193,482	SH		X		
FIFTH THIRD BANCORP	COM	316773100	453	11,391	SH				X
FIRST DATA CORP	COM	319963104	1,589	48,633	SH		X		
FIRST DATA CORP	COM	319963104	159	4,881	SH				X
FIRST HORIZON NATL CORP	COM	320517105	4,912	125,950	SH		X		
FIRST HORIZON NATL CORP	COM	320517105	103	2,643	SH				X
FIRST IND CORP	COM	32054R108	63	2,832	SH		X		
FIRST IND CORP	COM	32054R108	406	18,361	SH				X
FIRST NIAGARA FINL GP	COM	33582V108	157	12,021	SH		X		
FIRST PL FINL CORP	COM	33610T109	284	13,457	SH		X		
1ST SOURCE CORP	COM	336901103	146	5,873	SH		X		
1ST SOURCE CORP	COM	336901103	1,026	41,163	SH				X
FISERV INC	COM	337738108	14,558	256,295	SH		X		

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

FISERV INC	COM	337738108	489	8,609SH					X
FIRSTENERGY CORP	COM	337932107	4,661	72,000SH	X				
FIRSTENERGY CORP	COM	337932107	13	204SH					X
FLORIDA EAST COAST INDS	COM	340632108	332	4,000SH	X				
FLUOR CORP NEW	COM	343412102	2,958	26,562SH	X				
FLUOR CORP NEW	COM	343412102	10	88SH					X
FOCUS MEDIA HLDG LTD	SPON ADR	34415V109	2,850	56,446SH	X				
FORD MTR CO DEL	COM	345370860	1,382	146,682SH	X				
FORD MTR CO DEL	COM	345370860	202	21,489SH					X
FOREST LABS INC	COM	345838106	2,154	47,177SH	X				
FOREST LABS INC	COM	345838106	489	10,712SH					X
FOREST OIL CORP	COM	346091705	384	9,085SH	X				
FORTUNE BRANDS INC	COM	349631101	2,358	28,631SH	X				
FORTUNE BRANDS INC	COM	349631101	1,279	15,529SH					X
FRANCE TELECOM	SPON ADR	35177Q105	213	7,750SH	X				
FRANCE TELECOM	SPON ADR	35177Q105	8	275SH					X
FRANKLIN RES INC	COM	354613101	4,737	35,759SH	X				
FRANKLIN RES INC	COM	354613101	28	210SH					X
FRANKLIN TEMPLETON LTD	COM	35472T101	158	12,000SH	X				
FREEMPORT-MCMORAN COPPER	COM	35671D857	8,434	101,836SH	X				
FREEMPORT-MCMORAN COPPER	COM	35671D857	146	1,765SH					X
FUJIFILM HLDGS CORP	ADR 2 ORD	35958N107	132	2,960SH	X				
FUJIFILM HLDGS CORP	ADR 2 ORD	35958N107	849	19,029SH					X
GATX CORP	COM	361448103	2,587	52,532SH	X				
GFI GROUP INC	COM	361652209	4,663	64,330SH	X				
GAFISA S A	SPONS ADR	362607301	5,990	191,995SH	X				
GALLAGHER ARTHUR J & CO	COM	363576109	127	4,546SH	X				
GALLAGHER ARTHUR J & CO	COM	363576109	75	2,685SH					X
GAMESTOP CORP NEW	CL A	36467W109	5,772	147,631SH	X				
GANNETT INC	COM	364730101	1,833	33,349SH	X				
GANNETT INC	COM	364730101	130	2,368SH					X
GAP INC DEL	COM	364760108	925	48,439SH	X				
GAP INC DEL	COM	364760108	97	5,103SH					X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
GARTNER INC	COM	366651107	253	10,302SH		X		
GEHL CO	COM	368483103	729	24,000SH				X
GEN-PROBE INC NEW	COM	36866T103	1,973	32,657SH		X		
GENENTECH INC	COM NEW	368710406	8,773	115,959SH		X		
GENENTECH INC	COM NEW	368710406	1,779	23,513SH				X
GENERAL CABLE CORP	COM	369300108	559	7,380SH		X		
GENERAL CABLE CORP	COM	369300108	26	349SH				X
GENERAL COMMUNICATION	CL A	369385109	281	21,917SH		X		

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

GENERAL DYNAMICS CORP	COM	369550108	5,332	68,164SH	X	
GENERAL DYNAMICS CORP	COM	369550108	159	2,038SH		X
GENERAL ELECTRIC CO	COM	369604103	99,907	2,609,911SH	X	
GENERAL ELECTRIC CO	COM	369604103	21,897	572,029SH		X
GENERAL MLS INC	COM	370334104	5,628	96,332SH	X	
GENERAL MLS INC	COM	370334104	1,045	17,883SH		X
GENERAL MTRS CORP	COM	370442105	1,960	51,839SH	X	
GENERAL MTRS CORP	COM	370442105	130	3,432SH		X
GENUINE PARTS CO	COM	372460105	2,789	56,227SH	X	
GENUINE PARTS CO	COM	372460105	182	3,668SH		X
GENWORTH FINL INC	COM CL A	37247D106	347	10,083SH	X	
GENWORTH FINL INC	COM CL A	37247D106	167	4,869SH		X
GENZYME CORP	COM	372917104	3,161	49,084SH	X	
GENZYME CORP	COM	372917104	183	2,843SH		X
GILEAD SCIENCES INC	COM	375558103	11,451	295,121SH	X	
GILEAD SCIENCES INC	COM	375558103	582	14,992SH		X
GLAXOSMITHKLINE PLC	SPON ADR	37733W105	2,929	55,938SH	X	
GLAXOSMITHKLINE PLC	SPON ADR	37733W105	884	16,884SH		X
GOLD FIELDS LTD NEW	SPON ADR	38059T106	236	15,000SH	X	
GOLD FIELDS LTD NEW	SPON ADR	38059T106	305	19,401SH		X
GOLDMAN SACHS GROUP INC	COM	38141G104	28,874	133,214SH	X	
GOLDMAN SACHS GROUP INC	COM	38141G104	3,086	14,236SH		X
GOODRICH CORP	COM	382388106	1,367	22,958SH	X	
GOODRICH CORP	COM	382388106	1	19SH		X
GOODMAN GLOBAL INC	COM	38239A100	2,402	108,091SH	X	
GOODYEAR TIRE & RUBR CO	COM	382550101	260	7,482SH	X	
GOODYEAR TIRE & RUBR CO	COM	382550101	23	654SH		X
GOOGLE INC	CL A	38259P508	13,434	25,701SH	X	
GOOGLE INC	CL A	38259P508	980	1,874SH		X
GRAINGER W W INC	COM	384802104	1,702	18,291SH	X	
GRAINGER W W INC	COM	384802104	169	1,815SH		X
GRANT PRIDECO INC	COM	38821G101	5,063	94,061SH	X	
GREAT PLAINS ENERGY INC	COM	391164100	1,488	51,099SH	X	
GREAT PLAINS ENERGY INC	COM	391164100	66	2,270SH		X
GREENFIELD ONLINE INC	COM	395150105	1,611	101,258SH	X	
HCC INS HLDGS INC	COM	404132102	3,035	90,842SH	X	
HCC INS HLDGS INC	COM	404132102	37	1,110SH		X
HMS HLDGS CORP	COM	40425J101	2,561	133,804SH	X	
HSBC HLDGS PLC	SPON ADR	404280406	481	5,236SH	X	
HSBC HLDGS PLC	SPON ADR	404280406	1,055	11,494SH		X
HALLIBURTON CO	COM	406216101	1,940	56,241SH	X	
HALLIBURTON CO	COM	406216101	375	10,865SH		X
HANESBRANDS INC	COM	410345102	166	6,153SH	X	
HANESBRANDS INC	COM	410345102	45	1,676SH		X
HARLEY DAVIDSON INC	COM	412822108	5,560	93,268SH	X	
HARLEY DAVIDSON INC	COM	412822108	1,537	25,778SH		X
HARMAN INTL INDS INC	COM	413086109	464	3,976SH	X	
HARMAN INTL INDS INC	COM	413086109	5	45SH		X
HARRAHS ENTMT INC	COM	413619107	248	2,904SH	X	
HARRAHS ENTMT INC	COM	413619107	287	3,365SH		X
HARRIS CORP DEL	COM	413875105	188	3,444SH	X	
HARRIS CORP DEL	COM	413875105	35	650SH		X
HARSCO CORP	COM	415864107	2,867	55,125SH	X	
HARSCO CORP	COM	415864107	30	568SH		X
HARTE-HANKS INC	COM	416196103	9,767	380,344SH	X	
HARTFORD FINL SVCS GRP	COM	416515104	6,108	62,002SH	X	
HARTFORD FINL SVCS GRP	COM	416515104	989	10,042SH		X
HASBRO INC	COM	418056107	262	8,335SH	X	
HASBRO INC	COM	418056107	19	605SH		X
HAWAIIAN ELEC INDUST	COM	419870100	238	10,067SH	X	
HEAD N V	NY REG SH	422070102	313	76,595SH	X	
HEAD N V	NY REG SH	422070102	4	1,000SH		X

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

HEALTH NET INC	COM	42222G108	191	3,620SH	X	
HEALTH NET INC	COM	42222G108	34	639SH		X
HEINZ H J CO	COM	423074103	4,698	98,964SH	X	
HEINZ H J CO	COM	423074103	638	13,442SH		X
HELIX ENERGY SOLUTIONS	COM	42330P107	304	7,615SH	X	
HELIX ENERGY SOLUTIONS	COM	42330P107	2	43SH		X
HENRY JACK & ASSOC INC	COM	426281101	35	1,343SH	X	
HENRY JACK & ASSOC INC	COM	426281101	361	14,000SH		X
HERCULES INC	COM	427056106	1,252	63,738SH	X	
HERCULES INC	COM	427056106	25	1,272SH		X
HERSHEY CO	COM	427866108	1,907	37,674SH	X	
HERSHEY CO	COM	427866108	367	7,250SH		X
HESS CORP	COM	42809H107	12,913	219,010SH	X	
HESS CORP	COM	42809H107	53	896SH		X
HEWLETT PACKARD CO	COM	428236103	24,437	547,678SH	X	
HEWLETT PACKARD CO	COM	428236103	2,607	58,427SH		X
HILB ROGAL & HOBBS CO	COM	431294107	305	7,115SH	X	
HILTON HOTELS CORP	COM	432848109	2,734	81,687SH	X	

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
HILTON HOTELS CORP	COM	432848109	65	1,931SH				X
HITACHI LIMITED	ADR 10 COM	433578507	307	4,344SH		X		
HOME DEPOT INC	COM	437076102	10,413	264,619SH		X		
HOME DEPOT INC	COM	437076102	473	12,028SH				X
HONEYWELL INTL INC	COM	438516106	6,958	123,626SH		X		
HONEYWELL INTL INC	COM	438516106	759	13,478SH				X
HOSPIRA INC	COM	441060100	2,919	74,771SH		X		
HOSPIRA INC	COM	441060100	125	3,200SH				X
HOST HOTELS & RESORTS	COM	44107P104	388	16,794SH		X		
HOST HOTELS & RESORTS	COM	44107P104	11	490SH				X
HUBBELL INC	CL A	443510102	216	4,000SH		X		
HUMANA INC	COM	444859102	1,149	18,856SH		X		
HUMANA INC	COM	444859102	63	1,036SH				X
HUNT J B TRANS SVCS INC	COM	445658107	7,933	270,572SH		X		
HUNTINGTON BANCSHARES	COM	446150104	8,076	355,158SH		X		
HUNTINGTON BANCSHARES	COM	446150104	95	4,175SH				X
HURCO COMPANIES INC	COM	447324104	350	7,000SH		X		
IMS HEALTH INC	COM	449934108	13,553	421,829SH		X		
IMS HEALTH INC	COM	449934108	105	3,258SH				X
ISTAR FINL INC	COM	45031U101	804	18,129SH		X		
ITT EDUCATIONAL SRVCS	COM	45068B109	703	5,992SH		X		
ITT EDUCATIONAL SRVCS	COM	45068B109	17	148SH				X
ITT CORP NEW	COM	450911102	15,727	230,333SH		X		

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

ITT CORP NEW	COM	450911102	120	1,762SH			X
ICON PUB LTD CO	SPON ADR	45103T107	2,920	66,765SH		X	
ICONIX BRAND GROUP INC	COM	451055107	3,008	135,393SH		X	
ILLINOIS TOOL WKS INC	COM	452308109	7,022	129,581SH		X	
ILLINOIS TOOL WKS INC	COM	452308109	2,286	42,188SH			X
INFINEON TECHNOLOGIES	SPON ADR	45662N103	193	11,700SH		X	
INFINEON TECHNOLOGIES	SPON ADR	45662N103	5	305SH			X
ING GROUP N V	SPON ADR	456837103	63	1,427SH		X	
ING GROUP N V	SPON ADR	456837103	709	16,117SH			X
INGRAM MICRO INC	CL A	457153104	4,106	189,145SH		X	
INSITUFORM TECHNOLOGIES	CL A	457667103	589	27,010SH		X	
INSITUFORM TECHNOLOGIES	CL A	457667103	2	100SH			X
INNERWORKINGS INC	COM	45773Y105	2,574	160,701SH		X	
INTEL CORP	COM	458140100	20,347	857,075SH		X	
INTEL CORP	COM	458140100	3,015	127,016SH			X
INTEGRYS ENERGY GROUP	COM	45822P105	2,109	41,575SH		X	
INTEGRYS ENERGY GROUP	COM	45822P105	366	7,223SH			X
INTERCONTINENTALEXCHANG	COM	45865V100	1,199	8,108SH		X	
INTERCONTINENTALEXCHANG	COM	45865V100	26	179SH			X
INTL BUSINESS MACHS	COM	459200101	39,878	378,884SH		X	
INTL BUSINESS MACHS	COM	459200101	5,549	52,720SH			X
INTL GAME TECHNOLOGY	COM	459902102	3,080	77,574SH		X	
INTL GAME TECHNOLOGY	COM	459902102	22	557SH			X
INTL PAPER CO	COM	460146103	3,387	86,742SH		X	
INTL PAPER CO	COM	460146103	515	13,193SH			X
INTERNET CAP GROUP INC	COM NEW	46059C205	1,572	126,811SH		X	
INTERSIL CORP	CL A	46069S109	4,231	134,486SH		X	
INTERPUBLIC GRP COS INC	COM	460690100	8,737	766,390SH		X	
INVERNESS MED INNVTNS	COM	46126P106	5,905	115,743SH		X	
IPASS INC	COM	46261V108	537	99,025SH		X	
ISHARES INC	MSCI SING	464286673	886	64,950SH		X	
ISHARES INC	MSCI JAPAN	464286848	639	44,040SH		X	
ISHARES TR	LRGEGRW INX	464287119	293	4,256SH		X	
ISHARES TR	DJSELDIVINX	464287168	20,428	284,157SH		X	
ISHARES TR	DJSELDIVINX	464287168	662	9,211SH			X
ISHARES TR	USTIPSBDFD	464287176	342	3,460SH		X	
ISHARES TR	FTSEXNHUAIX	464287184	978	7,589SH		X	
ISHARES TR	FTSEXNHUAID	464287184	376	2,916SH			X
ISHARES TR	S&P500INDX	464287200	28,637	190,265SH		X	
ISHARES TR	S&P500INDX	464287200	1,208	8,024SH			X
ISHARES TR	LEHMNAGGBND	464287226	972	9,880SH		X	
ISHARES TR	MSCIEMRGMKT	464287234	11,135	84,577SH		X	
ISHARES TR	MSCIEMRGMKT	464287234	2,860	21,727SH			X
ISHARES TR	IBOXINVC PBD	464287242	4,586	43,850SH		X	
ISHARES TR	IBOXINVC PBD	464287242	255	2,440SH			X
ISHARES TR	S&P500GRW	464287309	4,687	68,241SH		X	
ISHARES TR	S&P500GRW	464287309	136	1,985SH			X
ISHARES TR	S&P500VAL	464287408	4,330	53,004SH		X	
ISHARES TR	S&P500VAL	464287408	546	6,689SH			X
ISHARES TR	7-10YRTRSBD	464287440	288	3,550SH		X	
ISHARES TR	1-3YRTRSBD	464287457	265	3,307SH		X	
ISHARES TR	MSCIEAFEIDX	464287465	50,089	620,146SH		X	
ISHARES TR	MSCIEAFEIDX	464287465	6,658	82,431SH			X
ISHARES TR	RUSSMCPVL	464287473	4,851	30,808SH		X	
ISHARES TR	RUSSMCPVL	464287473	761	4,834SH			X
ISHARES TR	RUSSELL MCP	464287481	3,042	26,707SH		X	
ISHARES TR	RUSSELL MCP	464287481	107	943SH			X
ISHARES TR	RUSSELL MIDC	464287499	2,657	24,395SH		X	
ISHARES TR	S&P MIDCAP	464287507	16,104	180,377SH		X	
ISHARES TR	S&P MIDCAP	464287507	2,659	29,779SH			X
ISHARES TR	COHEN&ST RLT	464287564	1,455	16,090SH		X	
ISHARES TR	RUSSELL1000V	464287598	951	10,962SH		X	

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

ISHARES TR	S&PMC400GRW	464287606	1,426	15,822SH	X
ISHARES TR	RUSL1000GRW	464287614	2,468	41,674SH	X
ISHARES TR	RUSL1000	464287622	1,597	19,559SH	X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 06/30/2007

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

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)
ISHARES TR	RUSL2000VAL	464287630	7,721	93,744SH		X		
ISHARES TR	RUSL2000VAL	464287630	821	9,971SH				X
ISHARES TR	RUSL2000GR	464287648	943	10,984SH		X		
ISHARES TR	RUSL2000GR	464287648	92	1,076SH				X
ISHARES TR	RUSL2000	464287655	16,173	194,953SH		X		
ISHARES TR	RUSL2000	464287655	1,471	17,732SH				X
ISHARES TR	S&PMIDCPVAL	464287705	15,091	174,241SH		X		
ISHARES TR	S&PMIDCPVAL	464287705	5,168	59,665SH				X
ISHARES TR	DJUSTELECOM	464287713	367	10,895SH		X		
ISHARES TR	DJUSTECHSEC	464287721	1,752	29,442SH		X		
ISHARES TR	DJUSTECHSEC	464287721	92	1,545SH				X
ISHARES TR	DJUSREALEST	464287739	59	760SH		X		
ISHARES TR	DJUSREALEST	464287739	310	4,000SH				X
ISHARES TR	DJUSINDSTRL	464287754	368	5,006SH		X		
ISHARES TR	DJUSHELTHCR	464287762	1,117	16,065SH		X		
ISHARES TR	DJUSHELTHCR	464287762	64	925SH				X
ISHARES TR	DJUSFINLSEC	464287788	255	2,215SH		X		
ISHARES TR	DJUSENERGY	464287796	513	4,277SH		X		
ISHARES TR	S&PSMLCP600	464287804	2,803	39,425SH		X		
ISHARES TR	S&PSMLCP600	464287804	1,531	21,530SH				X
ISHARES TR	S&PEUROPLUS	464287861	535	4,577SH		X		
ISHARES TR	S&PSMLCPVAL	464287879	7,200	90,681SH		X		
ISHARES TR	S&PSMLCPVAL	464287879	672	8,465SH				X
ISHARES TR	LARGEVALINX	464288109	549	6,265SH		X		
ISHARES TR	MIDCOREIDX	464288208	256	2,825SH		X		
ISHARES TR	MIDGRWIDX	464288307	500	5,218SH		X		
ISHARES TR	MIDVALINDX	464288406	1,705	18,579SH		X		
ISHARES TR	MIDVALINDX	464288406	241	2,625SH				X
ISHARES TR	SMLLCOREIDX	464288505	296	3,185SH		X		
ISHARES TR	SMLLGRWIDX	464288604	253	3,107SH		X		
ISHARES TR	SMLLVALINDX	464288703	6,654	78,536SH		X		
ISHARES TR	MSCIVALIDX	464288877	1,806	23,058SH		X		
ISHARES TR	MSCIVALIDX	464288877	24	300SH				X
ISHARES TR	MSCIGRWIDX	464288885	524	6,903SH		X		
ISHARES TR	MSCIGRWIDX	464288885	103	1,362SH				X
IVANHOE MINES LTD	COM	46579N103	17	1,209SH		X		
IVANHOE MINES LTD	COM	46579N103	264	18,522SH				X
JP MORGAN CHASE & CO	COM	46625H100	49,284	1,017,221SH		X		

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

JP MORGAN CHASE & CO	COM	46625H100	11,917	245,956SH			X
JABIL CIRCUIT INC	COM	466313103	3,251	147,312SH	X		
JABIL CIRCUIT INC	COM	466313103	3	119SH			X
JACOBS ENGR GRP INC	COM	469814107	2,461	42,787SH	X		
JACOBS ENGR GRP INC	COM	469814107	12	200SH			X
JANUS CAP GROUP INC	COM	47102X105	956	34,355SH	X		
JANUS CAP GROUP INC	COM	47102X105	8	270SH			X
JAPAN EQUITY FD INC	COM	471057109	203	24,084SH	X		
JAPAN EQUITY FD INC	COM	471057109	4	500SH		X	
JOHNSON & JOHNSON	COM	478160104	47,482	770,560SH	X		
JOHNSON & JOHNSON	COM	478160104	6,783	110,072SH			X
JOHNSON CTLS INC	COM	478366107	26,344	227,556SH	X		
JOHNSON CTLS INC	COM	478366107	3,551	30,673SH			X
JUNIPER NETWORKS INC	COM	48203R104	5,614	223,058SH	X		
JUNIPER NETWORKS INC	COM	48203R104	28	1,131SH			X
KKR FINANCIAL HLDGS LLC	COM	48248A306	168	6,746SH	X		
KKR FINANCIAL HLDGS LLC	COM	48248A306	52	2,105SH			X
KT CORP	SPON ADR	48268K101	65	2,775SH	X		
KT CORP	SPON ADR	48268K101	718	30,620SH			X
K2 INC	COM	482732104	191	12,574SH	X		
K V PHARMACEUTICAL CO	CL A	482740206	2,539	93,194SH	X		
KAYDON CORP	COM	486587108	2,026	38,872SH	X		
KAYNE ANDERSON MLP INVNT	COM	486606106	235	7,076SH	X		
KB HOME	COM	48666K109	208	5,272SH	X		
KB HOME	COM	48666K109	9	217SH			X
KELLOGG CO	COM	487836108	13,339	257,564SH	X		
KELLOGG CO	COM	487836108	7,302	140,997SH			X
KELLWOOD CO	COM	488044108	377	13,406SH	X		
KENEXA CORP	COM	488879107	2,634	69,856SH	X		
KENEXA CORP	COM	488879107	16	420SH			X
KEYCORP NEW	COM	493267108	4,839	140,949SH	X		
KEYCORP NEW	COM	493267108	296	8,610SH			X
KEYSPAN CORP	COM	49337W100	395	9,408SH	X		
KEYSPAN CORP	COM	49337W100	56	1,324SH			X
KIMBERLY CLARK CORP	COM	494368103	14,784	221,024SH	X		
KIMBERLY CLARK CORP	COM	494368103	4,783	71,503SH			X
KIMCO REALTY CORP	COM	49446R109	2,480	65,138SH	X		
KIMCO REALTY CORP	COM	49446R109	111	2,906SH			X
KINDER MORGAN ENERGY	UT LP	494550106	456	8,269SH	X		
KINDER MORGAN ENERGY	UT LP	494550106	515	9,327SH			X
KINDRED HEALTHCARE INC	COM	494580103	2,280	74,216SH	X		
KINROSS GOLD CORP	COM NO PAR	496902404	584	50,000SH	X		
KINROSS GOLD CORP	COM NO PAR	496902404	96	8,215SH			X
KOHL'S CORP	COM	500255104	19,080	268,620SH	X		
KOHL'S CORP	COM	500255104	2,752	38,751SH			X
KONINKLIJKE AHOLD N V	SPON ADR	500467303	301	24,040SH	X		
KONINKLIJKE AHOLD N V	SPON ADR	500467303	7	530SH			X
KOREA ELECTRIC PWR	SPON ADR	500631106	207	9,463SH	X		
KOREA ELECTRIC PWR	SPON ADR	500631106	439	20,039SH			X
KRAFT FOODS INC	CL A	50075N104	13,669	387,777SH	X		

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 06/30/2007

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

----- COLUMN 1 ----- COLUMN 2 ----- COLUMN 3 - COLUMN 4 - COLUMN 5 ----- COLUMN 6 ----- COL										
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVESTMENT DISCRETION			
							SOLE (A)	SHR (B)	OTHR O (C)	
KRAFT FOODS INC	CL A	50075N104	5,438	154,267SH						X
KROGER CO	COM	501044101	11,497	408,701SH			X			
KROGER CO	COM	501044101	97	3,441SH						X
KULICKE & SOFFA INDS	COM	501242101	285	27,258SH			X			
KYPHON INC	COM	501577100	3,958	82,193SH			X			
LSI CORPORATION	COM	502161102	76	10,055SH			X			
LSI CORPORATION	COM	502161102	15	2,018SH						X
L-3 COMMUNICATNS HLDGS	COM	502424104	632	6,494SH			X			
L-3 COMMUNICATNS HLDGS	COM	502424104	53	548SH						X
LAB CORP AMER HLDGS	COM NEW	50540R409	2,646	33,813SH			X			
LAB CORP AMER HLDGS	COM NEW	50540R409	270	3,455SH						X
LAM RESEARCH CORP	COM	512807108	3,515	68,378SH			X			
LAM RESEARCH CORP	COM	512807108	25	490SH						X
LAUDER ESTEE COS INC	CL A	518439104	6,269	137,744SH			X			
LAUDER ESTEE COS INC	CL A	518439104	418	9,194SH						X
LAWSON SOFTWARE INC NEW	COM	52078P102	3,700	374,084SH			X			
LEAP WIRELESS INTL INC	COM NEW	521863308	1,218	14,418SH			X			
LEGGETT & PLATT INC	COM	524660107	1,650	74,843SH			X			
LEGGETT & PLATT INC	COM	524660107	35	1,605SH						X
LEGG MASON INC	COM	524901105	525	5,337SH			X			
LEGG MASON INC	COM	524901105	451	4,582SH						X
LEHMAN BROS HLDGS INC	COM	524908100	11,805	155,748SH			X			
LEHMAN BROS HLDGS INC	COM	524908100	360	4,754SH						X
LENNAR CORP	CL A	526057104	5,983	163,645SH			X			
LENNAR CORP	CL A	526057104	1	15SH						X
LIBERTY MEDIA HLDG CORP	COM SER A	53071M104	1,868	83,648SH			X			
LIBERTY MEDIA HLDG CORP	COM SER A	53071M104	184	8,249SH						X
LIBERTY MEDIA HLDG CORP	COM SER A	53071M302	10,617	90,217SH			X			
LIBERTY MEDIA HLDG CORP	COM SER A	53071M302	24	202SH						X
LIFE TIME FITNESS INC	COM	53217R207	5,417	101,771SH			X			
LIFECORE BIOMEDICAL INC	COM	532187101	206	13,000SH			X			
LIHIR GOLD LTD	SPON ADR	532349107	266	10,345SH						X
LILLY ELI & CO	COM	532457108	25,627	458,616SH			X			
LILLY ELI & CO	COM	532457108	16,039	287,022SH						X
LIMITED BRANDS INC	COM	532716107	493	17,953SH			X			
LIMITED BRANDS INC	COM	532716107	10	375SH						X
LINCOLN NATL CORP IND	COM	534187109	9,365	131,999SH			X			
LINCOLN NATL CORP IND	COM	534187109	1,992	28,070SH						X
LINEAR TECHNOLOGY CORP	COM	535678106	177	4,895SH			X			
LINEAR TECHNOLOGY CORP	COM	535678106	145	4,016SH						X
LIZ CLAIBORNE INC	COM	539320101	1,103	29,566SH			X			
LIZ CLAIBORNE INC	COM	539320101	8	206SH						X
LLOYDS TSB GROUP PLC	SPON ADR	539439109	220	4,915SH			X			
LLOYDS TSB GROUP PLC	SPON ADR	539439109	16	355SH						X
LOCKHEED MARTIN CORP	COM	539830109	22,920	243,490SH			X			
LOCKHEED MARTIN CORP	COM	539830109	1,650	17,526SH						X
LOEWS CORP	COM	540424108	2,970	58,251SH			X			
LOEWS CORP	COM	540424108	375	7,362SH						X
LOWES COS INC	COM	548661107	4,088	133,214SH			X			
LOWES COS INC	COM	548661107	896	29,184SH						X
LYONDELL CHEMICAL CO	COM	552078107	1,981	53,379SH			X			
LYONDELL CHEMICAL CO	COM	552078107	73	1,975SH						X
MAF BANCORP INC	COM	55261R108	353	6,509SH			X			

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

MAF BANCORP INC	COM	55261R108	77	1,422SH						X
MBIA INC	COM	55262C100	661	10,618SH			X			
MBIA INC	COM	55262C100	322	5,178SH						X
MDU RES GROUP INC	COM	552690109	4,019	143,340SH			X			
MDU RES GROUP INC	COM	552690109	352	12,564SH						X
MEMC ELECTR MATLS INC	COM	552715104	2,107	34,468SH			X			
MEMC ELECTR MATLS INC	COM	552715104	147	2,406SH						X
MGE ENERGY INC	COM	55277P104	1,845	56,482SH			X			
MGE ENERGY INC	COM	55277P104	109	3,350SH						X
MGIC INVT CORP WIS	COM	552848103	10,905	191,792SH			X			
MGIC INVT CORP WIS	COM	552848103	268	4,711SH						X
MGM MIRAGE	COM	552953101	223	2,702SH			X			
MGM MIRAGE	COM	552953101	118	1,432SH						X
MSC SOFTWARE CORP	COM	553531104	241	17,800SH			X			
MWI VETERINARY SUPPLY	COM	55402X105	2,644	66,294SH			X			
MWI VETERINARY SUPPLY	COM	55402X105	12	290SH						X
MADISON/CLAYMORE CVRD	COM	556582104	197	13,400SH			X			
MACYS INC	COM	55616P104	1,087	27,319SH			X			
MACYS INC	COM	55616P104	121	3,052SH						X
MAGMA DESIGN AUTOMATION	COM	559181102	2,408	171,519SH			X			
MAGNA INTL INC	CL A	559222401	187	2,060SH			X			
MAGNA INTL INC	CL A	559222401	466	5,121SH						X
MANITOWOC INC	COM	563571108	5,917	73,607SH			X			
MANITOWOC INC	COM	563571108	176	2,186SH						X
MANOR CARE INC NEW	COM	564055101	1,493	22,872SH			X			
MANOR CARE INC NEW	COM	564055101	26	403SH						X
MANPOWER INC	COM	56418H100	10,760	116,650SH			X			
MANPOWER INC	COM	56418H100	195	2,113SH						X
MANULIFE FINL CORP	COM	56501R106	624	16,714SH			X			
MANULIFE FINL CORP	COM	56501R106	28	758SH						X
MARATHON OIL CORP	COM	565849106	11,705	195,220SH			X			
MARATHON OIL CORP	COM	565849106	575	9,589SH						X
MARCUS CORP	COM	566330106	91	3,809SH			X			
MARCUS CORP	COM	566330106	491	20,650SH						X
MARSH & MCLENNAN COS	COM	571748102	863	27,952SH			X			

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
MARSH & MCLENNAN COS	COM	571748102	246	7,955SH				X
MARSHALL & ILSLEY CORP	COM	571834100	262,135	5,503,572SH		X		
MARSHALL & ILSLEY CORP	COM	571834100	79,895	1,677,408SH				X
MARRIOTT INTL INC NEW	CL A	571903202	208	4,816SH		X		
MARRIOTT INTL INC NEW	CL A	571903202	2	51SH				X
MASCO CORP	COM	574599106	4,565	160,355SH		X		

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

MASCO CORP	COM	574599106	72	2,543SH			X
MASTERCARD INC	CL A	57636Q104	2,151	12,968SH		X	
MATTEL INC	COM	577081102	1,634	64,618SH		X	
MATTEL INC	COM	577081102	162	6,387SH			X
MAXIMUS INC	COM	577933104	563	12,970SH		X	
MCAFFEE INC	COM	579064106	1,768	50,224SH		X	
MCCORMICK & CO INC	COM NON VTG	579780206	586	15,353SH		X	
MCCORMICK & CO INC	COM NON VTG	579780206	5	132SH			X
MCDONALDS CORP	COM	580135101	11,594	228,411SH		X	
MCDONALDS CORP	COM	580135101	2,241	44,142SH			X
MCGRAW HILL COS INC	COM	580645109	5,374	78,941SH		X	
MCGRAW HILL COS INC	COM	580645109	575	8,446SH			X
MCKESSON CORP	COM	58155Q103	617	10,343SH		X	
MCKESSON CORP	COM	58155Q103	1	15SH			X
MEADWESTVACO CORP	COM	583334107	12,452	352,546SH		X	
MEADWESTVACO CORP	COM	583334107	329	9,326SH			X
MEDCATH CORP	COM	58404W109	2,869	90,207SH		X	
MEDCO HEALTH SOLUTIONS	COM	58405U102	4,864	62,368SH		X	
MEDCO HEALTH SOLUTIONS	COM	58405U102	243	3,120SH			X
MEDTRONIC INC	COM	585055106	15,294	294,906SH		X	
MEDTRONIC INC	COM	585055106	1,664	32,089SH			X
MELLON FINL CORP COM		58551A108	1,649	37,482SH		X	
MELLON FINL CORP COM		58551A108	200	4,551SH			X
MERCK & CO INC	COM	589331107	15,299	307,214SH		X	
MERCK & CO INC	COM	589331107	3,847	77,242SH			X
MEREDITH CORP	COM	589433101	751	12,189SH		X	
MEREDITH CORP	COM	589433101	20	324SH			X
MERRILL LYNCH & CO INC	COM	590188108	17,044	203,923SH		X	
MERRILL LYNCH & CO INC	COM	590188108	246	2,947SH			X
METLIFE INC	COM	59156R108	1,500	23,268SH		X	
METLIFE INC	COM	59156R108	54	833SH			X
MICROSOFT CORP	COM	594918104	55,718	1,890,676SH		X	
MICROSOFT CORP	COM	594918104	8,541	289,805SH			X
MICROCHIP TECHNOLOGY	COM	595017104	506	13,656SH		X	
MICROCHIP TECHNOLOGY	COM	595017104	14	377SH			X
MICRON TECHNOLOGY INC	COM	595112103	374	29,811SH		X	
MICRON TECHNOLOGY INC	COM	595112103	29	2,335SH			X
MICROSEMI CORP	COM	595137100	4,182	174,600SH		X	
MIDCAP SPDR TR	UNIT SER 1	595635103	8,596	52,754SH		X	
MIDCAP SPDR TR	UNIT SER 1	595635103	769	4,720SH			X
MIDDLEBY CORP	COM	596278101	3,305	55,254SH		X	
MIDDLEBY CORP	COM	596278101	16	272SH			X
MILLEA HOLDINGS INC	ADR	60032R106	234	5,696SH		X	
MILLIPORE CORP	COM	601073109	871	11,594SH		X	
MILLIPORE CORP	COM	601073109	1	11SH			X
MITSUBISHI UFJ FINL GRP	SPON ADR	606822104	182	16,512SH		X	
MITSUBISHI UFJ FINL GRP	SPON ADR	606822104	5	480SH			X
MODINE MFG CO	COM	607828100	1,512	66,921SH		X	
MODINE MFG CO	COM	607828100	466	20,600SH			X
MOHAWK INDS INC	COM	608190104	11,387	112,973SH		X	
MOLSON COORS BREWING CO	CL B	60871R209	540	5,835SH		X	
MOLSON COORS BREWING CO	CL B	60871R209	9	95SH			X
MONSANTO CO NEW	COM	61166W101	4,306	63,757SH		X	
MONSANTO CO NEW	COM	61166W101	734	10,868SH			X
MOODYS CORP	COM	615369105	982	15,791SH		X	
MOODYS CORP	COM	615369105	211	3,392SH			X
MOOG INC	CL A	615394202	3,833	86,907SH		X	
MORGAN STANLEY	COM NEW	617446448	25,919	308,996SH		X	
MORGAN STANLEY	COM NEW	617446448	2,198	26,202SH			X
MORGANS HOTEL GROUP CO	COM	61748W108	2,695	110,553SH		X	
MOSAIC CO	COM	61945A107	176	4,520SH		X	
MOSAIC CO	COM	61945A107	39	1,000SH			X

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

MOTOROLA INC	COM	620076109	2,601	146,938SH	X	
MOTOROLA INC	COM	620076109	528	29,822SH		X
MURPHY OIL CORP	COM	626717102	13,556	228,069SH	X	
MURPHY OIL CORP	COM	626717102	439	7,380SH		X
MYLAN LABS INC	COM	628530107	1,220	67,073SH	X	
MYLAN LABS INC	COM	628530107	51	2,797SH		X
NCR CORP NEW	COM	62886E108	473	8,998SH	X	
NCR CORP NEW	COM	62886E108	45	862SH		X
NII HLDGS INC	CL B NEW	62913F201	3,198	39,612SH	X	
NATIONAL CINEMEDIA INC	COM	635309107	5,539	197,738SH	X	
NATIONAL CITY CORP	COM	635405103	9,830	295,019SH	X	
NATIONAL CITY CORP	COM	635405103	451	13,546SH		X
NATL FUEL GAS CO NJ	COM	636180101	339	7,833SH	X	
NATL FUEL GAS CO NJ	COM	636180101	50	1,164SH		X
NATL OILWELL VARCO INC	COM	637071101	2,624	25,170SH	X	
NATL OILWELL VARCO INC	COM	637071101	107	1,029SH		X
NATL SEMICONDUCTOR CORP	COM	637640103	569	20,120SH	X	
NATL SEMICONDUCTOR CORP	COM	637640103	43	1,537SH		X
NAVTEQ CORP	COM	63936L100	1,187	28,025SH	X	
NAVTEQ CORP	COM	63936L100	113	2,674SH		X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
NET SERV DE COMUNICACAO	SPONSD ADR	64109T201	3,443	208,171SH		X		
NETSCOUT SYS INC	COM	64115T104	1,514	174,586SH		X		
NETWORK APPLIANCE INC	COM	64120L104	339	11,598SH		X		
NETWORK APPLIANCE INC	COM	64120L104	10	329SH				X
NEW YORK TIMES CO	CL A	650111107	1,590	62,599SH		X		
NEW YORK TIMES CO	CL A	650111107	36	1,410SH				X
NEWALLIANCE BANCSHARES	COM	650203102	165	11,194SH		X		
NEWELL RUBBERMAID INC	COM	651229106	6,196	210,547SH		X		
NEWELL RUBBERMAID INC	COM	651229106	340	11,551SH				X
NEWFIELD EXPL CO	COM	651290108	8,735	191,768SH		X		
NEWMONT MINING CORP	COM	651639106	543	13,892SH		X		
NEWMONT MINING CORP	COM	651639106	512	13,120SH				X
NEWS CORP	CL A	65248E104	3,841	181,078SH		X		
NEWS CORP	CL A	65248E104	192	9,031SH				X
NEXCEN BRANDS INC	COM	653351106	3,584	321,693SH		X		
NICHOLS-APPLEGATE CONV	COM	65370F101	332	21,000SH		X		
NICOR INC	COM	654086107	1,881	43,815SH		X		
NICOR INC	COM	654086107	62	1,456SH				X
NIKE INC	CL B	654106103	8,319	142,720SH		X		
NIKE INC	CL B	654106103	548	9,403SH				X
NIPPON TELEG & TEL CORP	SPON ADR	654624105	174	7,851SH		X		

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

NIPPON TELEG & TEL CORP	SPON ADR	654624105	873	39,355SH		X
NISOURCE INC	COM	65473P105	1,612	77,851SH	X	
NISOURCE INC	COM	65473P105	199	9,588SH		X
NOKIA CORP	SPON ADR	654902204	2,482	88,296SH	X	
NOKIA CORP	SPON ADR	654902204	1,772	63,039SH		X
NOBLE ENERGY INC	COM	655044105	13,317	213,452SH	X	
NOBLE ENERGY INC	COM	655044105	137	2,200SH		X
NORDSTROM INC	COM	655664100	2,423	47,397SH	X	
NORDSTROM INC	COM	655664100	241	4,705SH		X
NORFOLK SOUTHERN CORP	COM	655844108	5,220	99,302SH	X	
NORFOLK SOUTHERN CORP	COM	655844108	140	2,660SH		X
NORTH AM PALLADIUM LTD	COM	656912102	2,067	217,607SH	X	
NORTH EURO OIL RTY TR	SH BEN INT	659310106	248	6,300SH	X	
NORTHERN TR CORP	COM	665859104	10,710	166,722SH	X	
NORTHERN TR CORP	COM	665859104	980	15,253SH		X
NORTHROP GRUMMAN CORP	COM	666807102	6,259	80,382SH	X	
NORTHROP GRUMMAN CORP	COM	666807102	379	4,867SH		X
NOVARTIS A G	SPON ADR	66987V109	518	9,236SH	X	
NOVARTIS A G	SPON ADR	66987V109	422	7,518SH		X
NOVAVAX INC	COM	670002104	308	106,160SH	X	
NOVELL INC	COM	670006105	381	48,850SH	X	
NOVELL INC	COM	670006105	4	570SH		X
NUCOR CORP	COM	670346105	7,089	120,870SH	X	
NUCOR CORP	COM	670346105	19	330SH		X
NVIDIA CORP	COM	67066G104	4,623	111,919SH	X	
NVIDIA CORP	COM	67066G104	230	5,569SH		X
NUVASIVE INC	COM	670704105	3,105	114,947SH	X	
NUVEEN QLTY PFD INC FD	COM	67071S101	181	13,824SH	X	
NXSTAGE MEDICAL INC	COM	67072V103	2,117	163,743SH	X	
OGE ENERGY CORP	COM	670837103	435	11,869SH	X	
OGE ENERGY CORP	COM	670837103	94	2,556SH		X
NUVEEN INVTS INC	CL A	67090F106	7,096	114,170SH	X	
NUVEEN INVTS INC	CL A	67090F106	296	4,757SH		X
NUVEEN MUN VALUE FD	COM	670928100	53	5,423SH	X	
NUVEEN MUN VALUE FD	COM	670928100	54	5,500SH	X	
OSI SYSTEMS INC	COM	671044105	2,548	93,148SH	X	
OBAGI MEDICAL PRODUCTS	COM	67423R108	2,126	119,989SH	X	
OCCIDENTAL PETE CORP	COM	674599105	5,589	96,556SH	X	
OCCIDENTAL PETE CORP	COM	674599105	744	12,852SH		X
OCEANEERING INTL INC	COM	675232102	65	1,243SH	X	
OCEANEERING INTL INC	COM	675232102	280	5,315SH		X
ODYSSEY MARINE EXPLRTN	COM	676118102	196	32,640SH	X	
OFFICEMAX INC DEL	COM	67622P101	390	9,917SH	X	
OFFICEMAX INC DEL	COM	67622P101	3	80SH		X
OFFICE DEPOT INC	COM	676220106	1,281	42,268SH	X	
OFFICE DEPOT INC	COM	676220106	7	238SH		X
OLD REP INTL CORP	COM	680223104	512	24,087SH	X	
OLD REP INTL CORP	COM	680223104	8,086	380,357SH		X
OMNICARE INC	COM	681904108	9,281	257,366SH	X	
OMNICOM GROUP INC	COM	681919106	1,049	19,824SH	X	
OMNICOM GROUP INC	COM	681919106	13	244SH		X
ON SEMICONDUCTOR CORP	COM	682189105	3,736	348,464SH	X	
ONEOK INC NEW	COM	682680103	2,985	59,206SH	X	
OPEN JT STK CO-VIMPEL	SPON ADR	68370R109	2,893	27,456SH	X	
OPEN JT STK CO-VIMPEL	SPON ADR	68370R109	106	1,010SH		X
ORACLE CORP	COM	68389X105	10,687	542,204SH	X	
ORACLE CORP	COM	68389X105	1,147	58,213SH		X
OSHKOSH TRUCK CORP	COM	688239201	2,070	32,901SH	X	
OSHKOSH TRUCK CORP	COM	688239201	3,051	48,490SH		X
OTTER TAIL CORP	COM	689648103	221	6,906SH	X	
OTTER TAIL CORP	COM	689648103	12	384SH		X
OWENS & MINOR INC NEW	COM	690732102	2,469	70,662SH	X	

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

OWENS ILL INC	COM NEW	690768403	194	5,557SH	X	
OWENS ILL INC	COM NEW	690768403	25	707SH		X
PG&E CORP	COM	69331C108	10,737	237,027SH	X	
PG&E CORP	COM	69331C108	92	2,033SH		X
PICO HLDGS INC	COM NEW	693366205	2,465	56,986SH	X	

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
PNC FINL SVCS GROUP INC	COM	693475105	4,560	63,707SH	X			
PNC FINL SVCS GROUP INC	COM	693475105	595	8,316SH				X
PPG INDS INC	COM	693506107	3,443	45,239SH	X			
PPG INDS INC	COM	693506107	405	5,323SH				X
PPL CORP	COM	69351T106	13,587	290,380SH	X			
PPL CORP	COM	69351T106	19	400SH				X
PRA INTL	COM	69353C101	288	11,400SH	X			
PACCAR INC	COM	693718108	1,197	13,754SH	X			
PACCAR INC	COM	693718108	124	1,421SH				X
PACER INTL INC TENN	COM	69373H106	387	16,460SH	X			
PACKAGING CORP AMER	COM	695156109	9,323	368,335SH	X			
PACTIV CORP	COM	695257105	170	5,340SH	X			
PACTIV CORP	COM	695257105	57	1,799SH				X
PALL CORP	COM	696429307	198	4,299SH	X			
PALL CORP	COM	696429307	3	72SH				X
PARALLEL PETE CORP DEL	COM	699157103	3,876	176,994SH	X			
PAREXEL INTL CORP	COM	699462107	3,030	72,051SH	X			
PARKER HANNIFIN CORP	COM	701094104	7,018	71,676SH	X			
PARKER HANNIFIN CORP	COM	701094104	344	3,515SH				X
PAYCHEX INC	COM	704326107	644	16,466SH	X			
PAYCHEX INC	COM	704326107	105	2,679SH				X
PEABODY ENERGY CORP	COM	704549104	410	8,478SH	X			
PEABODY ENERGY CORP	COM	704549104	401	8,283SH				X
PENGROWTH ENERGY TR	TR UNIT NEW	706902509	475	24,905SH	X			
PENN VA CORP	COM	707882106	28	690SH	X			
PENN VA CORP	COM	707882106	343	8,536SH				X
PENNEY J C INC	COM	708160106	13,344	184,359SH	X			
PENNEY J C INC	COM	708160106	2,271	31,375SH				X
PEPCO HOLDINGS INC	COM	713291102	7,502	266,044SH	X			
PEPSI BOTTLING GROUP	COM	713409100	340	10,084SH	X			
PEPSI BOTTLING GROUP	COM	713409100	8	238SH				X
PEPSICO INC	COM	713448108	27,516	424,296SH	X			
PEPSICO INC	COM	713448108	7,352	113,374SH				X
PERFICIENT INC	COM	71375U101	2,618	126,492SH	X			
PERKINELMER INC	COM	714046109	403	15,471SH	X			
PERKINELMER INC	COM	714046109	13	516SH				X

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

PEROT SYS CORP	CL A	714265105	356	20,864SH	X	
PERRIGO CO	COM	714290103	301	15,394SH	X	
PERRIGO CO	COM	714290103	33	1,700SH		X
PETMED EXPRESS INC	COM	716382106	3,343	260,343SH	X	
PETROHAWK ENERGY CORP	COM	716495106	4,068	256,504SH	X	
PETROHAWK ENERGY CORP	COM	716495106	54	3,390SH		X
PFIZER INC	COM	717081103	46,277	1,809,833SH	X	
PFIZER INC	COM	717081103	6,928	270,932SH		X
PHILADELPHIA CONS HLDG	COM	717528103	164	3,920SH	X	
PHILADELPHIA CONS HLDG	COM	717528103	40	967SH		X
PHILLIPS VAN HEUSEN	COM	718592108	1,880	31,040SH	X	
PHILLIPS VAN HEUSEN	COM	718592108	31	519SH		X
PILGRIMS PRIDE CORP	COM	721467108	17,528	459,197SH	X	
PINNACLE WEST CAP CORP	COM	723484101	3,849	96,593SH	X	
PINNACLE WEST CAP CORP	COM	723484101	80	2,000SH		X
PITNEY BOWES INC	COM	724479100	5,055	107,968SH	X	
PITNEY BOWES INC	COM	724479100	245	5,236SH		X
PLAINS ALL AMERN PIPLNE	UNIT LP	726503105	412	6,467SH	X	
PLUM CREEK TIMBER CO	COM	729251108	10,281	246,794SH	X	
PLUM CREEK TIMBER CO	COM	729251108	1,151	27,617SH		X
POGO PRODUCING CO	COM	730448107	324	6,378SH	X	
POLO RALPH LAUREN CORP	CL A	731572103	2,256	22,998SH	X	
POLO RALPH LAUREN CORP	CL A	731572103	1	15SH		X
POTASH CORP SASK INC	COM	73755L107	130	1,668SH	X	
POTASH CORP SASK INC	COM	73755L107	129	1,655SH		X
POWELL INDS INC	COM	739128106	886	27,900SH		X
POWERSHARES QQQ TRUST	UNIT SER 1	73935A104	970	20,372SH	X	
POWERSHARES QQQ TRUST	UNIT SER 1	73935A104	254	5,337SH		X
PWRSHRS DB CMDTY IDX	UNIT BENINT	73935S105	469	18,255SH	X	
POWERSHARES ETF TRUST	PRVTEQTYPRT	73935X195	633	23,285SH	X	
POWERSHARES ETF TRUST	HIYLDEQDVDN	73935X302	557	36,200SH	X	
POWERSHARES ETF TRUST	WNRHRLCLNEN	73935X500	260	12,500SH	X	
POWERSHARES ETF TRUST	FTSEUS1500S	73935X567	325	5,551SH	X	
POWERSHARES ETF TRUST	WATERRESRCE	73935X575	422	20,150SH	X	
POWERSHARES ETF TRUST	WATERRESRCE	73935X575	21	1,000SH		X
POWERSHARES ETF TRUST	FTSERFI1000	73935X583	5,164	83,110SH	X	
POWERSHARES ETF TRUST	FTSERFI1000	73935X583	179	2,882SH		X
POWERSHARES ETF TRUST	DYNBIOT&GEN	73935X856	183	10,000SH	X	
PRAXAIR INC	COM	74005P104	7,680	106,686SH	X	
PRAXAIR INC	COM	74005P104	744	10,329SH		X
PRECISION CASTPARTS	COM	740189105	4,874	40,165SH	X	
PRECISION CASTPARTS	COM	740189105	337	2,776SH		X
PRICE T ROWE GROUP INC	COM	74144T108	2,441	47,048SH	X	
PRICE T ROWE GROUP INC	COM	74144T108	218	4,197SH		X
PRINCIPAL FINANCIAL GRP	COM	74251V102	949	16,282SH	X	
PRINCIPAL FINANCIAL GRP	COM	74251V102	10	178SH		X
PROASSURANCE CORP	COM	74267C106	271	4,875SH	X	
PROASSURANCE CORP	COM	74267C106	24	440SH		X
PROCTER & GAMBLE CO	COM	742718109	51,905	848,252SH	X	
PROCTER & GAMBLE CO	COM	742718109	10,356	169,246SH		X
PROGRESS ENERGY INC	COM	743263105	13,715	300,844SH	X	
PROGRESS ENERGY INC	COM	743263105	303	6,649SH		X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F

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

ASSETS AS OF 06/30/2007

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

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/ PRN	PUT/ CALL	INVESTMENT DISCRETION		
							SOLE (A)	SHR (B)	OTHR (C)
PROGRESSIVE CORP OHIO	COM	743315103	8,265	345,394SH			X		
PROGRESSIVE CORP OHIO	COM	743315103	425	17,751SH					X
PROLOGIS	SH BEN INT	743410102	6,749	118,618SH			X		
PROLOGIS	SH BEN INT	743410102	39	689SH					X
PROTECTIVE LIFE CORP	COM	743674103	12,026	251,529SH			X		
PRUDENTIAL FINL INC	COM	744320102	2,651	27,261SH			X		
PRUDENTIAL FINL INC	COM	744320102	49	500SH					X
PUBLIC SVC ENTRPRSE GRP	COM	744573106	767	8,743SH			X		
PUBLIC SVC ENTRPRSE GRP	COM	744573106	156	1,777SH					X
PUBLIC STORAGE	COM	74460D109	384	5,001SH			X		
PUBLIC STORAGE	COM	74460D109	70	906SH					X
QUALCOMM INC	COM	747525103	15,698	361,798SH			X		
QUALCOMM INC	COM	747525103	1,625	37,445SH					X
QUANTA SVCS INC	COM	74762E102	177	5,763SH			X		
QUANTA SVCS INC	COM	74762E102	32	1,047SH					X
QUEST DIAGNOSTICS INC	COM	74834L100	193	3,743SH			X		
QUEST DIAGNOSTICS INC	COM	74834L100	91	1,757SH					X
QUESTAR CORP	COM	748356102	1,940	36,712SH			X		
QUESTAR CORP	COM	748356102	85	1,600SH					X
QUICKSILVER RESOURCES	COM	74837R104	3,054	68,504SH			X		
QWEST COMMUNICATNS INTL	COM	749121109	518	53,375SH			X		
QWEST COMMUNICATNS INTL	COM	749121109	123	12,720SH					X
RPM INTL INC	COM	749685103	72	3,108SH			X		
RPM INTL INC	COM	749685103	260	11,250SH					X
RADIAN GROUP INC	COM	750236101	579	10,717SH			X		
RADIAN GROUP INC	COM	750236101	60	1,112SH					X
RADIOSHACK CORP	COM	750438103	187	5,632SH			X		
RADIOSHACK CORP	COM	750438103	41	1,236SH					X
RANGE RES CORP	COM	75281A109	1,395	37,300SH			X		
RAYONIER INC	COM	754907103	81	1,800SH			X		
RAYONIER INC	COM	754907103	451	10,000SH					X
RAYTHEON CO	COM NEW	755111507	1,547	28,704SH			X		
RAYTHEON CO	COM NEW	755111507	308	5,717SH					X
REGAL BELOIT CORP	COM	758750103	31,836	684,059SH			X		
REGAL BELOIT CORP	COM	758750103	384	8,246SH					X
REGIONS FINANCIAL CORP	COM	7591EP100	10,118	305,690SH			X		
REGIONS FINANCIAL CORP	COM	7591EP100	271	8,184SH					X
REHABCARE GROUP INC	COM	759148109	419	29,450SH			X		
REPUBLIC SVCS INC	COM	760759100	13,067	426,462SH			X		
REPUBLIC SVCS INC	COM	760759100	82	2,690SH					X
RESEARCH IN MOTION LTD	COM	760975102	271	1,353SH			X		
RESEARCH IN MOTION LTD	COM	760975102	188	938SH					X
RESMED INC	COM	761152107	1,304	31,600SH			X		
RESMED INC	COM	761152107	86	2,083SH					X
REYNOLDS AMERICAN INC	COM	761713106	7,042	108,010SH			X		
REYNOLDS AMERICAN INC	COM	761713106	156	2,397SH					X
RIO TINTO PLC	SPON ADR	767204100	259	845SH			X		
RIO TINTO PLC	SPON ADR	767204100	937	3,061SH					X
RITE AID CORP	COM	767754104	6,783	1,063,101SH			X		
RITE AID CORP	COM	767754104	4	700SH					X
ROBERT HALF INTL INC	COM	770323103	2,368	64,866SH			X		

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

ROBERT HALF INTL INC	COM	770323103	3	71SH						X
ROCKWELL AUTOMATION INC	COM	773903109	1,897	27,325SH			X			
ROCKWELL AUTOMATION INC	COM	773903109	372	5,364SH						X
ROCKWELL COLLINS INC	COM	774341101	4,880	69,084SH			X			
ROCKWELL COLLINS INC	COM	774341101	389	5,505SH						X
ROGERS CORP	COM	775133101	228	6,152SH			X			
ROHM & HAAS CO	COM	775371107	1,581	28,916SH			X			
ROHM & HAAS CO	COM	775371107	37	678SH						X
ROPER INDS INC NEW	COM	776696106	2,403	42,092SH			X			
ROSS STORES INC	COM	778296103	9,576	310,898SH			X			
ROWAN COS INC	COM	779382100	231	5,645SH			X			
ROWAN COS INC	COM	779382100	1	34SH						X
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	698	8,377SH			X			
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	817	9,806SH						X
ROYAL DUTCH SHELL PLC	SPONS ADR A	780259206	7,433	91,541SH			X			
ROYAL DUTCH SHELL PLC	SPONS ADR A	780259206	2,595	31,952SH						X
RYDER SYS INC	COM	783549108	247	4,589SH			X			
RYDER SYS INC	COM	783549108	10	178SH						X
RYDEX ETF TRUST	S&P500EQTRD	78355W106	864	16,873SH			X			
RYDEX ETF TRUST	S&P500EQTRD	78355W106	132	2,584SH						X
SBA COMMUNICATIONS CORP	COM	78388J106	3,298	98,170SH			X			
SBA COMMUNICATIONS CORP	COM	78388J106	87	2,598SH						X
SEI INVESTMENTS CO	COM	784117103	256	8,802SH			X			
SEI INVESTMENTS CO	COM	784117103	70	2,400SH						X
SK TELECOM LTD	SPON ADR	78440P108	267	9,755SH			X			
SK TELECOM LTD	SPON ADR	78440P108	188	6,866SH						X
SLM CORP	COM	78442P106	501	8,697SH			X			
SLM CORP	COM	78442P106	71	1,227SH						X
SPDR TR	UNIT SER 1	78462F103	36,143	240,263SH			X			
SPDR TR	UNIT SER 1	78462F103	3,794	25,224SH						X
SPSS INC	COM	78462K102	2,658	60,212SH			X			
SPX CORP	COM	784635104	300	3,420SH			X			
SPX CORP	COM	784635104	18	200SH						X
SAFECO CORP	COM	786429100	439	7,051SH			X			
SAFECO CORP	COM	786429100	6	99SH						X
SAFEWAY INC	COM NEW	786514208	364	10,705SH			X			
SAFEWAY INC	COM NEW	786514208	17	500SH						X

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
ST JUDE MED INC	COM	790849103	5,789	139,517SH		X		
ST JUDE MED INC	COM	790849103	354	8,526SH				X
ST MARY LD & EXPL CO	COM	792228108	6,755	184,475SH		X		
SAKS INC	COM	79377W108	2,203	103,162SH		X		

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

SALESFORCE COM INC	COM	79466L302	1,568	36,575SH	X	
SANDERSON FARMS INC	COM	800013104	2,401	53,338SH	X	
SANMINA SCI CORP	COM	800907107	46	14,608SH	X	
SANOFI AVENTIS	SPON ADR	80105N105	596	14,799SH	X	
SANOFI AVENTIS	SPON ADR	80105N105	121	3,005SH		X
SAP AKTIENGESELLSCHAFT	SPON ADR	803054204	395	7,730SH	X	
SAP AKTIENGESELLSCHAFT	SPON ADR	803054204	356	6,965SH		X
SARA LEE CORP	COM	803111103	4,113	236,395SH	X	
SARA LEE CORP	COM	803111103	406	23,351SH		X
SATYAM COMPUTER SRVCS	ADR	804098101	1,417	57,225SH	X	
SATYAM COMPUTER SRVCS	ADR	804098101	521	21,050SH		X
SAVVIS INC	COM NEW	805423308	2,858	57,734SH	X	
SCANA CORP NEW	COM	80589M102	183	4,789SH	X	
SCANA CORP NEW	COM	80589M102	75	1,965SH		X
SCHEIN HENRY INC	COM	806407102	195	3,655SH	X	
SCHEIN HENRY INC	COM	806407102	16	300SH		X
SCHERING PLOUGH CORP	COM	806605101	3,907	128,350SH	X	
SCHERING PLOUGH CORP	COM	806605101	225	7,397SH		X
SCHLUMBERGER LTD	COM	806857108	13,335	156,999SH	X	
SCHLUMBERGER LTD	COM	806857108	2,863	33,707SH		X
SCHWAB CHARLES CORP NEW	COM	808513105	1,059	51,615SH	X	
SCHWAB CHARLES CORP NEW	COM	808513105	75	3,659SH		X
SCIELE PHARMA INC	COM	808627103	267	11,317SH	X	
SCIELE PHARMA INC	COM	808627103	42	1,769SH		X
SEALED AIR CORP NEW	COM	81211K100	8,619	277,859SH	X	
SEALED AIR CORP NEW	COM	81211K100	141	4,545SH		X
SEARS HLDGS CORP	COM	812350106	642	3,789SH	X	
SEARS HLDGS CORP	COM	812350106	31	180SH		X
SELECT SECTOR SPDR TR	SBIHLTHCRE	81369Y209	290	8,220SH	X	
SELECT SECTOR SPDR TR	SBIHLTHCRE	81369Y209	8	240SH		X
SELECT SECTOR SPDR TR	SBICONSSTPL	81369Y308	251	9,296SH	X	
SELECT SECTOR SPDR TR	SBIINT-FINL	81369Y605	215	5,938SH	X	
SELECT SECTOR SPDR TR	SBIINT-TECH	81369Y803	374	14,609SH	X	
SELECT SECTOR SPDR TR	SBIINT-TECH	81369Y803	151	5,892SH		X
SELECT SECTOR SPDR TR	SBIINT-UTIL	81369Y886	194	4,910SH	X	
SELECT SECTOR SPDR TR	SBIINT-UTIL	81369Y886	58	1,461SH		X
SEMPRA ENERGY	COM	816851109	632	10,664SH	X	
SEMPRA ENERGY	COM	816851109	173	2,926SH		X
SENSIENT TECHNOLOGIES	COM	81725T100	507	19,966SH	X	
SENSIENT TECHNOLOGIES	COM	81725T100	169	6,650SH		X
SERVICEMASTER CO	COM	81760N109	193	12,512SH	X	
SHERWIN WILLIAMS CO	COM	824348106	1,273	19,145SH	X	
SHERWIN WILLIAMS CO	COM	824348106	22	333SH		X
SHIRE PLC	SPON ADR	82481R106	3,408	45,977SH	X	
SHIRE PLC	SPON ADR	82481R106	4	48SH		X
SIEMENS A G	SPON ADR	826197501	131	917SH	X	
SIEMENS A G	SPON ADR	826197501	709	4,959SH		X
SIGMA ALDRICH CORP	COM	826552101	1,944	45,554SH	X	
SIGMA ALDRICH CORP	COM	826552101	105	2,469SH		X
SILICON MOTION TECHN LGY	SPON ADR	82706C108	3,364	135,477SH	X	
SIMON PPTY GROUP INC	COM	828806109	5,514	59,263SH	X	
SIMON PPTY GROUP INC	COM	828806109	1,091	11,728SH		X
SINCLAIR BROADCAST GRP	CL A	829226109	188	13,250SH	X	
SIRENZA MICRODEVICES	COM	82966T106	1,696	142,842SH	X	
SIRIUS SATELLITE RADIO	COM	82966U103	37	12,100SH	X	
SIRIUS SATELLITE RADIO	COM	82966U103	9	3,000SH		X
SKILLED HEALTHCARE GRP	CL A	83066R107	2,259	145,619SH	X	
SKYWORKS SOLUTIONS INC	COM	83088M102	108	14,728SH	X	
SMITH & WESSON HLDG	COM	831756101	5,052	301,584SH	X	
SMITH A O	COM	831865209	281	7,051SH	X	
SMITH A O	COM	831865209	259	6,500SH		X
SMITH INTL INC	COM	832110100	364	6,200SH	X	

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

SMUCKER J M CO	COM NEW	832696405	138	2,160SH	X	
SMUCKER J M CO	COM NEW	832696405	419	6,588SH		X
SNAP ON INC	COM	833034101	6,241	123,568SH	X	
SNAP ON INC	COM	833034101	520	10,300SH		X
SOLETRON CORP	COM	834182107	102	27,740SH	X	
SONOCO PRODS CO	COM	835495102	323	7,541SH	X	
SONOCO PRODS CO	COM	835495102	4	100SH		X
SONY CORP	ADR NEW	835699307	2,240	43,601SH	X	
SONY CORP	ADR NEW	835699307	90	1,750SH		X
SOUTHERN CO	COM	842587107	8,757	255,386SH	X	
SOUTHERN CO	COM	842587107	584	17,029SH		X
SOUTHWEST AIRLS CO	COM	844741108	9,085	609,332SH	X	
SOUTHWEST AIRLS CO	COM	844741108	10	689SH		X
SOUTHWESTERN ENERGY CO	COM	845467109	1,436	32,280SH	X	
SOVEREIGN BANCORP INC	COM	845905108	579	27,400SH	X	
SPECTRA ENERGY CORP	COM	847560109	777	29,922SH	X	
SPECTRA ENERGY CORP	COM	847560109	88	3,396SH		X
SPIRIT AEROSYSTEMS	COM CL A	848574109	2,411	66,884SH	X	
SPRINT NEXTEL CORP	COM FON	852061100	7,331	353,968SH	X	
SPRINT NEXTEL CORP	COM FON	852061100	551	26,612SH		X
STANCORP FINL GROUP INC	COM	852891100	7,958	151,632SH	X	
STAPLES INC	COM	855030102	1,923	81,020SH	X	

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
STAPLES INC	COM	855030102	210	8,863SH				X
STARBUCKS CORP	COM	855244109	788	30,023SH	X			
STARBUCKS CORP	COM	855244109	616	23,485SH				X
STATE AUTO FINL CORP	COM	855707105	205	6,681SH	X			
STARWOOD HOTELS&RESORTS	COM	85590A401	857	12,772SH	X			
STARWOOD HOTELS&RESORTS	COM	85590A401	30	447SH				X
STATE STR CORP	COM	857477103	12,629	184,629SH	X			
STATE STR CORP	COM	857477103	24	347SH				X
STERICYCLE INC	COM	858912108	399	8,982SH	X			
STERICYCLE INC	COM	858912108	51	1,138SH				X
STILLWATER MNG CO	COM	86074Q102	1,105	100,331SH	X			
STMICROELECTRONICS N V	NY REGISTRY	861012102	994	51,775SH	X			
STMICROELECTRONICS N V	NY REGISTRY	861012102	6	330SH				X
STORA ENSO CORP	SPONADRREPR	86210M106	1,618	86,410SH	X			
STORA ENSO CORP	SPONADRREPR	86210M106	652	34,835SH				X
STREETTRACKS SER TR	SPDRS&PMTL	86330E646	431	6,896SH	X			
STRYKER CORP	COM	863667101	11,834	187,570SH	X			
STRYKER CORP	COM	863667101	725	11,497SH				X
SUN MICROSYSTEMS INC	COM	866810104	202	38,479SH	X			

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

SUN MICROSYSTEMS INC	COM	866810104	46	8,839SH			X
SUN HEALTHCARE GROUP	COM NEW	866933401	2,912	200,965SH		X	
SUN HEALTHCARE GROUP	COM NEW	866933401	9	613SH			X
SUNCOR ENERGY INC	COM	867229106	628	6,986SH		X	
SUNCOR ENERGY INC	COM	867229106	462	5,136SH			X
SUNOCO INC	COM	86764P109	1,366	17,138SH		X	
SUNOCO INC	COM	86764P109	154	1,937SH			X
SUNTRUST BKS INC	COM	867914103	1,641	19,139SH		X	
SUNTRUST BKS INC	COM	867914103	86	1,005SH			X
SUPERIOR ENERGY SVCS	COM	868157108	270	6,769SH		X	
SUPERVALU INC	COM	868536103	4,780	103,190SH		X	
SUPERVALU INC	COM	868536103	142	3,059SH			X
SWISSCOM AG	SPON ADR	871013108	142	4,165SH		X	
SWISSCOM AG	SPON ADR	871013108	637	18,685SH			X
SYCAMORE NETWORKS INC	COM	871206108	90	22,375SH		X	
SYMANTEC CORP	COM	871503108	1,857	91,926SH		X	
SYMANTEC CORP	COM	871503108	11	557SH			X
SYNGENTA AG	SPON ADR	87160A100	284	7,300SH		X	
SYNGENTA AG	SPON ADR	87160A100	13	323SH			X
SYNOPSIS INC	COM	871607107	11,294	427,316SH		X	
SYNOVUS FINL CORP	COM	87161C105	520	16,932SH		X	
SYNOVUS FINL CORP	COM	87161C105	284	9,254SH			X
SYNTEL INC	COM	87162H103	1,387	45,646SH		X	
SYNTROLEUM CORP	COM	871630109	1,170	423,934SH		X	
SYSCO CORP	COM	871829107	2,428	73,585SH		X	
SYSCO CORP	COM	871829107	1,624	49,214SH			X
TECO ENERGY INC	COM	872375100	1,656	96,366SH		X	
TECO ENERGY INC	COM	872375100	10	600SH			X
THQ INC	COM NEW	872443403	2,402	78,715SH		X	
TJX COS INC NEW	COM	872540109	3,092	112,446SH		X	
TJX COS INC NEW	COM	872540109	75	2,740SH			X
TXCO RES INC	COM	87311M102	1,520	147,899SH		X	
TXU CORP	COM	873168108	949	14,108SH		X	
TXU CORP	COM	873168108	44	658SH			X
TAIWAN SEMICONDUCTOR	SPON ADR	874039100	113	10,124SH		X	
TALEO CORP	CL A	87424N104	3,523	156,357SH		X	
TALISMAN ENERGY INC	COM	87425E103	346	17,920SH		X	
TALISMAN ENERGY INC	COM	87425E103	129	6,680SH			X
TARGET CORP	COM	87612E106	8,764	137,805SH		X	
TARGET CORP	COM	87612E106	3,678	57,823SH			X
TEAM FINANCIAL INC	COM	87815X109	264	17,000SH		X	
TECHNE CORP	COM	878377100	97	1,689SH		X	
TECHNE CORP	COM	878377100	286	5,000SH			X
TECHNIP NEW	SPON ADR	878546209	295	3,567SH			X
TEKELEC	COM	879101103	236	16,400SH		X	
TELECOM ITALIA S P A	SPONADRSVGS	87927Y201	725	32,935SH			X
TELECOM CORP NEW ZLAND	SPON ADR	879278208	227	8,132SH		X	
TELECOM CORP NEW ZLAND	SPON ADR	879278208	8	300SH			X
TELEFLEX INC	COM	879369106	149	1,824SH		X	
TELEFLEX INC	COM	879369106	71	870SH			X
TELEFONICA S A	SPON ADR	879382208	417	6,244SH		X	
TELEFONICA S A	SPON ADR	879382208	7	111SH			X
TELEFONOS DE MEXICO	SPON ADR L	879403780	400	10,558SH		X	
TELLABS INC	COM	879664100	395	36,725SH		X	
TELLABS INC	COM	879664100	19	1,800SH			X
TEMPLE INLAND INC	COM	879868107	649	10,543SH		X	
TEMPLE INLAND INC	COM	879868107	7	110SH			X
TELETECH HOLDINGS INC	COM	879939106	3,633	111,891SH		X	
TENARIS S A	SPON ADR	88031M109	308	6,290SH		X	
TENARIS S A	SPON ADR	88031M109	67	1,361SH			X
TENNECO INC	COM	880349105	2,121	60,527SH		X	
TENNECO INC	COM	880349105	18	520SH			X

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

TEVA PHARMACEUTICAL	ADR	881624209	3,813	92,436SH	X	
TEVA PHARMACEUTICAL	ADR	881624209	615	14,911SH		X
TEXAS INSTRS INC	COM	882508104	7,908	210,160SH	X	
TEXAS INSTRS INC	COM	882508104	1,040	27,642SH		X
TEXTRON INC	COM	883203101	352	3,198SH	X	
TEXTRON INC	COM	883203101	116	1,051SH		X
THERMO FISHER SCNTFIC	COM	883556102	16,937	327,468SH	X	

REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
THERMO FISHER SCNTFIC	COM	883556102	174	3,360SH				X
THIRD WAVE TECHNOLOGIES	COM	88428W108	18	3,000SH		X		
THIRD WAVE TECHNOLOGIES	COM	88428W108	117	20,000SH				X
3M CO	COM	88579Y101	23,173	267,002SH		X		
3M CO	COM	88579Y101	5,746	66,211SH				X
TIME WARNER INC	COM	887317105	16,089	764,691SH		X		
TIME WARNER INC	COM	887317105	1,406	66,819SH				X
TITANIUM METALS CORP	COM NEW	888339207	217	6,800SH		X		
TOMKINS PLC	SPON ADR	890030208	2	100SH		X		
TOMKINS PLC	SPON ADR	890030208	371	17,842SH				X
TORCHMARK CORP	COM	891027104	653	9,747SH		X		
TORCHMARK CORP	COM	891027104	18	271SH				X
TOTAL S A	SPON ADR	89151E109	221	2,729SH		X		
TOTAL S A	SPON ADR	89151E109	582	7,186SH				X
TOWER GROUP INC	COM	891777104	1,506	47,200SH		X		
TOWER GROUP INC	COM	891777104	7	230SH				X
TOTAL SYS SVCS INC	COM	891906109	207	7,000SH				X
TOYOTA MOTOR CORP	SPON ADR	892331307	151	1,202SH		X		
TOYOTA MOTOR CORP	SPON ADR	892331307	192	1,527SH				X
TRANSACT TECHNOLOGIES	COM	892918103	299	50,000SH		X		
TRAVELERS COMPANIES INC	COM	89417E109	12,365	231,130SH		X		
TRAVELERS COMPANIES INC	COM	89417E109	151	2,827SH				X
TRIBUNE CO NEW	COM	896047107	255	8,678SH		X		
TRIBUNE CO NEW	COM	896047107	5	155SH				X
TUPPERWARE BRANDS CORP	COM	899896104	208	7,231SH		X		
TUPPERWARE BRANDS CORP	COM	899896104	343	11,946SH				X
TWEEN BRANDS INC	COM	901166108	309	6,930SH		X		
TWIN DISC INC	COM	901476101	428	5,946SH				X
TYCO INTL LTD NEW	COM	902124106	4,013	118,761SH		X		
TYCO INTL LTD NEW	COM	902124106	378	11,186SH				X
TYSON FOODS INC	CL A	902494103	1,300	56,406SH		X		
TYSON FOODS INC	CL A	902494103	48	2,091SH				X
UGI CORP NEW	COM	902681105	228	8,355SH		X		
UST INC	COM	902911106	8,502	158,300SH		X		

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

UST INC	COM	902911106	170	3,158SH			X
US BANCORP DEL	COM NEW	902973304	23,873	724,525SH		X	
US BANCORP DEL	COM NEW	902973304	3,979	120,751SH			X
UAP HLDG CORP	COM	903441103	7,995	265,270SH		X	
ULTRA PETROLEUM CORP	COM	903914109	2,465	44,618SH		X	
ULTRA PETROLEUM CORP	COM	903914109	70	1,275SH			X
UNILEVER PLC	SPON ADR	904767704	210	6,501SH		X	
UNILEVER PLC	SPON ADR	904767704	112	3,480SH			X
UNILEVER N V	N Y SHS NEW	904784709	390	12,585SH		X	
UNILEVER N V	N Y SHS NEW	904784709	112	3,605SH			X
UNION PAC CORP	COM	907818108	2,437	21,164SH		X	
UNION PAC CORP	COM	907818108	617	5,360SH			X
UNITED PARCEL SERVICE	CL B	911312106	9,143	125,242SH		X	
UNITED PARCEL SERVICE	CL B	911312106	748	10,243SH			X
UNITED STATES STL CORP	COM	912909108	234	2,152SH		X	
UNITED STATES STL CORP	COM	912909108	142	1,305SH			X
UNITED TECHNOLOGIES	COM	913017109	8,309	117,145SH		X	
UNITED TECHNOLOGIES	COM	913017109	3,830	53,998SH			X
UNITED UTILS PLC	SPON ADR	91311Q105	5	188SH		X	
UNITED UTILS PLC	SPON ADR	91311Q105	425	15,076SH			X
UNITEDHEALTH GROUP INC	COM	91324P102	5,105	99,832SH		X	
UNITEDHEALTH GROUP INC	COM	91324P102	1,159	22,665SH			X
UNIVERSAL COMPRESSION	COM	913431102	238	3,290SH		X	
UNIVERSAL HLTH SVCS INC	CL B	913903100	346	5,625SH		X	
UNIVERSAL HLTH SVCS INC	CL B	913903100	20	323SH			X
V F CORP	COM	918204108	4,628	50,531SH		X	
V F CORP	COM	918204108	55	604SH			X
VAIL RESORTS INC	COM	91879Q109	4,536	74,521SH		X	
VALERO ENERGY CORP NEW	COM	91913Y100	2,832	38,337SH		X	
VALERO ENERGY CORP NEW	COM	91913Y100	167	2,258SH			X
VALSPAR CORP	COM	920355104	10,915	384,180SH		X	
VAN KAMPEN TR INVT GRD	COM	920929106	454	30,084SH		X	
VAN KAMPEN TR INVT GRD	COM	920929106	498	33,000SH			X
VAN KAMPEN MUN OPRTY TR	COM	920935103	355	22,992SH		X	
VAN KAMPEN MUN OPRTY TR	COM	920935103	509	33,000SH			X
VANGUARD BD INDEX FD	SHT TRM BND	921937827	1,949	26,000SH		X	
VANGUARD WHITEHALL FDS	HIGHDIVYLD	921946406	548	10,167SH		X	
VANGUARD WHITEHALL FDS	HIGHDIVYLD	921946406	31	578SH			X
VANGUARD WORLD FDS	HLTHCRE ETF	92204A504	538	8,921SH		X	
VANGUARD WORLD FDS	UTLTES ETF	92204A876	245	2,974SH		X	
VANGUARD INTL EQTY IDX	EMR MKT ETF	922042858	739	8,093SH		X	
VANGUARD INTL EQTY IDX	EMR MKT ETF	922042858	959	10,500SH			X
VANGUARD INTL EQTY IDX	EUROPEAN ETF	922042874	4,498	58,928SH		X	
VANGUARD INTL EQTY IDX	EUROPEAN ETF	922042874	204	2,675SH			X
VASCO DATA SEC INTL INC	COM	92230Y104	2,554	112,206SH		X	
VECTREN CORP	COM	92240G101	380	14,106SH		X	
VECTREN CORP	COM	92240G101	148	5,480SH			X
VANGUARD INDEX FDS	SMCPVAL ETF	922908611	5,624	75,160SH		X	
VANGUARD INDEX FDS	EXTNDMKTETF	922908652	444	3,964SH		X	
VANGUARD INDEX FDS	EXTNDMKTETF	922908652	91	814SH			X
VANGUARD INDEX FDS	VALUE ETF	922908744	1,752	24,366SH		X	
VANGUARD INDEX FDS	STK MRK ETF	922908769	1,463	9,791SH		X	
VANGUARD INDEX FDS	STK MRK ETF	922908769	530	3,550SH			X
VEOLIA ENVIRONNEMENT	SPON ADR	92334N103	228	2,910SH		X	

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

MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 06/30/2007

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

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)
VERIFONE HLDGS INC	COM	92342Y109	3,764	106,780SH		X		
VERIZON COMMUNICATIONS	COM	92343V104	41,076	997,727SH		X		
VERIZON COMMUNICATIONS	COM	92343V104	3,787	91,990SH				X
VERTEX PHARMACEUTICALS	COM	92532F100	763	26,712SH		X		
VERTEX PHARMACEUTICALS	COM	92532F100	9	305SH				X
VIACOM INC NEW	CL B	92553P201	887	21,307SH		X		
VIACOM INC NEW	CL B	92553P201	229	5,499SH				X
VISHAY INTERTECHNOLOGY	COM	928298108	230	14,548SH		X		
VODAFONE GROUP PLC NEW	SPONS ADR	92857W209	884	26,274SH		X		
VODAFONE GROUP PLC NEW	SPONS ADR	92857W209	938	27,879SH				X
VOLCOM INC	COM	92864N101	3,591	71,638SH		X		
VOLCANO CORPORATION	COM	928645100	2,055	101,696SH		X		
VORNADO RLTY TR	SH BEN INT	929042109	1,511	13,759SH		X		
VORNADO RLTY TR	SH BEN INT	929042109	411	3,745SH				X
VULCAN MATLS CO	COM	929160109	389	3,397SH		X		
VULCAN MATLS CO	COM	929160109	64	558SH				X
WACHOVIA CORP NEW	COM	929903102	18,225	355,613SH		X		
WACHOVIA CORP NEW	COM	929903102	1,791	34,944SH				X
WACOAL HOLDINGS CORP	ADR	930004205	285	4,671SH				X
WAL MART STORES INC	COM	931142103	20,169	419,222SH		X		
WAL MART STORES INC	COM	931142103	3,822	79,451SH				X
WALGREEN CO	COM	931422109	24,381	559,964SH		X		
WALGREEN CO	COM	931422109	8,891	204,211SH				X
WASHINGTON MUT INC	COM	939322103	15,151	355,322SH		X		
WASHINGTON MUT INC	COM	939322103	381	8,937SH				X
WASTE MGMT INC DEL	COM	94106L109	15,157	388,139SH		X		
WASTE MGMT INC DEL	COM	94106L109	1,351	34,602SH				X
WATERS CORP	COM	941848103	1,265	21,310SH		X		
WATERS CORP	COM	941848103	11	189SH				X
WAUSAU PAPER CORP	COM	943315101	1,512	112,863SH		X		
WAUSAU PAPER CORP	COM	943315101	1,484	110,766SH				X
WAUWATOSA HLDGS INC	COM	94348P108	12,477	754,374SH		X		
WEINGARTEN RLTY INVS	SH BEN INT	948741103	108	2,634SH		X		
WEINGARTEN RLTY INVS	SH BEN INT	948741103	645	15,699SH				X
WELLPOINT INC	COM	94973V107	10,673	133,696SH		X		
WELLPOINT INC	COM	94973V107	333	4,174SH				X
WELLS FARGO & CO NEW	COM	949746101	30,793	875,557SH		X		
WELLS FARGO & CO NEW	COM	949746101	4,039	114,856SH				X
WENDYS INTL INC	COM	950590109	291	7,910SH		X		
WENDYS INTL INC	COM	950590109	11	291SH				X
WESTAR ENERGY INC	COM	95709T100	230	9,463SH		X		
WESTAR ENERGY INC	COM	95709T100	17	704SH				X
WESTERN ASSET GBL HIGH	COM	95766B109	265	20,000SH		X		
WESTERN ASST/CLAY US TR	COM	95766R104	191	16,592SH		X		
WESTERN REFNG INC	COM	959319104	407	7,040SH		X		
WESTERN UN CO	COM	959802109	1,014	48,661SH		X		
WESTERN UN CO	COM	959802109	97	4,641SH				X
WET SEAL INC	CL A	961840105	2,892	481,230SH		X		
WEYCO GROUP INC	COM	962149100	145	5,400SH		X		

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

WEYCO GROUP INC	COM	962149100	560	20,798SH						X
WEYERHAEUSER CO	COM	962166104	13,120	166,220SH			X			
WEYERHAEUSER CO	COM	962166104	1,702	21,565SH						X
WHIRLPOOL CORP	COM	963320106	6,151	55,316SH			X			
WHIRLPOOL CORP	COM	963320106	228	2,051SH						X
WILLIAMS COS INC DEL	COM	969457100	846	26,757SH			X			
WILLIAMS COS INC DEL	COM	969457100	186	5,889SH						X
WINDSTREAM CORP	COM	97381W104	11,277	764,052SH			X			
WINDSTREAM CORP	COM	97381W104	221	14,959SH						X
WISCONSIN ENERGY CORP	COM	976657106	5,942	134,344SH			X			
WISCONSIN ENERGY CORP	COM	976657106	1,499	33,884SH						X
WISDOMTREE TRUST	LRGECF DVD	97717W307	337	5,584SH			X			
WOODWARD GOVERNOR CO	COM	980745103	756	14,089SH			X			
WOODWARD GOVERNOR CO	COM	980745103	16	300SH						X
WRIGHT MED GROUP INC	COM	98235T107	2,900	120,221SH			X			
WRIGHT MED GROUP INC	COM	98235T107	27	1,120SH						X
WRIGLEY WM JR CO	COM	982526105	425	7,677SH			X			
WRIGLEY WM JR CO	COM	982526105	1,687	30,500SH						X
WYETH	COM	983024100	11,203	195,370SH			X			
WYETH	COM	983024100	3,336	58,174SH						X
XTO ENERGY INC	COM	98385X106	3,086	51,341SH			X			
XTO ENERGY INC	COM	98385X106	515	8,562SH						X
XCEL ENERGY INC	COM	98389B100	2,527	123,448SH			X			
XCEL ENERGY INC	COM	98389B100	165	8,063SH						X
XILINX INC	COM	983919101	342	12,785SH			X			
XILINX INC	COM	983919101	5	178SH						X
XEROX CORP	COM	984121103	10,966	593,383SH			X			
XEROX CORP	COM	984121103	32	1,726SH						X
YRC WORLDWIDE INC	COM	984249102	198	5,385SH			X			
YRC WORLDWIDE INC	COM	984249102	4	98SH						X
YAHOO INC	COM	984332106	1,573	57,989SH			X			
YAHOO INC	COM	984332106	279	10,290SH						X
YAMANA GOLD INC	COM	98462Y100	121	10,850SH						X
YUM BRANDS INC	COM	988498101	1,195	36,530SH			X			
YUM BRANDS INC	COM	988498101	234	7,158SH						X
ZIMMER HLDGS INC	COM	98956P102	1,979	23,314SH			X			
ZIMMER HLDGS INC	COM	98956P102	488	5,745SH						X
ZIONS BANCORPORATION	COM	989701107	9,381	121,974SH			X			
ZIONS BANCORPORATION	COM	989701107	61	790SH						X
ZOLTEK COS INC	COM	98975W104	1,127	27,143SH			X			
ZOLTEK COS INC	COM	98975W104	11,070	266,553SH						X

REPORT PTR289 9W

M&I INVESTMENT MANAGEMENT CORP.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
XL CAP LTD	CL A	G98255105	233	2,760SH		X		
AT&T INC	COM	00206R102	468	11,272SH		X		
ABBOTT LABS	COM	002824100	267	4,995SH		X		

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

ALTRIA GROUP INC	COM	02209S103	227	3,230SH	X
AMEREN CORP	COM	023608102	419	8,550SH	X
AMERICAN INTL GROUP INC	COM	026874107	269	3,840SH	X
APACHE CORP	COM	037411105	227	2,783SH	X
APARTMNT INVT & MGMT CO	CL A	03748R101	298	5,915SH	X
APPLIED MATLS INC	COM	038222105	292	14,690SH	X
ARCHSTONE SMITH TR	COM	039583109	204	3,450SH	X
BANK OF AMERICA CORP	COM	060505104	532	10,880SH	X
BOEING CO	COM	097023105	290	3,020SH	X
BRISTOL MYERS SQUIBB CO	COM	110122108	484	15,325SH	X
CHEVRON CORP NEW	COM	166764100	1,058	12,555SH	X
CISCO SYS INC	COM	17275R102	480	17,238SH	X
CITIGROUP INC	COM	172967101	867	16,905SH	X
CITIZENS COMMUNICATIONS	COM	17453B101	413	27,055SH	X
COCA COLA CO	COM	191216100	520	9,950SH	X
COMCAST CORP NEW	CL A	20030N101	268	9,530SH	X
COMERICA INC	COM	200340107	206	3,460SH	X
CONOCOPHILLIPS	COM	20825C104	560	7,140SH	X
CONSOLIDATED EDISON INC	COM	209115104	526	11,650SH	X
DTE ENERGY CO	COM	233331107	242	5,015SH	X
DELL INC	COM	24702R101	419	14,690SH	X
DONNELLEY R R & SONS CO	COM	257867101	268	6,160SH	X
DOW CHEM CO	COM	260543103	463	10,475SH	X
EQUITY RESIDENTIAL	SH BEN INT	29476L107	286	6,260SH	X
EXXON MOBIL CORP	COM	30231G102	484	5,770SH	X
FIFTH THIRD BANCORP	COM	316773100	202	5,085SH	X
FIRST HORIZON NATL CORP	COM	320517105	223	5,730SH	X
GENERAL ELECTRIC CO	COM	369604103	1,109	28,980SH	X
HEINZ H J CO	COM	423074103	253	5,325SH	X
INT'L BUSINESS MACHS	COM	459200101	256	2,430SH	X
ISHARES TR	MSCIEAFEIDX	464287465	251	3,109SH	X
ISHARES TR	RUSLMCPGR	464287481	4,960	43,550SH	X
ISHARES TR	RUSL2000GR	464287648	6,404	74,600SH	X
JOHNSON & JOHNSON	COM	478160104	330	5,350SH	X
JOHNSON CTLS INC	COM	478366107	332	2,865SH	X
KELLOGG CO	COM	487836108	261	5,045SH	X
LAUDER ESTEE COS INC	CL A	518439104	208	4,560SH	X
LILLY ELI & CO	COM	532457108	351	6,285SH	X
LOCKHEED MARTIN CORP	COM	539830109	289	3,070SH	X
MASCO CORP	COM	574599106	205	7,190SH	X
MERCK & CO INC	COM	589331107	293	5,890SH	X
MICROSOFT CORP	COM	594918104	429	14,541SH	X
NATIONAL CITY CORP	COM	635405103	409	12,270SH	X
OCULUS INNOVTV SCIENCES	COM	67575P108	194	23,750SH	X
PFIZER INC	COM	717081103	650	25,415SH	X
PITNEY BOWES INC	COM	724479100	271	5,780SH	X
PLUM CREEK TIMBER CO	COM	729251108	436	10,460SH	X
PROCTER & GAMBLE CO	COM	742718109	285	4,660SH	X
PROGRESS ENERGY INC	COM	743263105	556	12,200SH	X
PROGRESSIVE CORP OHIO	COM	743315103	353	14,780SH	X
QUALCOMM INC	COM	747525103	219	5,040SH	X
SANMINA SCI CORP COM	COM	800907107	58	18,455SH	X
SIMON PPTY GROUP INC	COM	828806109	214	2,295SH	X
SOLETRON CORP COM	COM	834182107	71	19,380SH	X
SOUTHERN CO	COM	842587107	348	10,145SH	X
TIME WARNER INC	COM	887317105	316	15,010SH	X
US BANCORP DEL	COM NEW	902973304	515	15,640SH	X
VERIZON COMMUNICATIONS	COM	92343V104	641	15,570SH	X
WACHOVIA CORP NEW	COM	929903102	508	9,915SH	X
WAL MART STORES INC	COM	931142103	200	4,160SH	X
WASHINGTON MUT INC	COM	939322103	527	12,370SH	X
WEYERHAEUSER CO	COM	962166104	373	4,720SH	X

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

WINDSTREAM CORP COM 97381W104 363 24,560SH X

REPORT PTR289 9N

NORTH STAR TRUST COMPANY
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 06/30/2007

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

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)
Aflac Inc	Equity	001055102	915	17,800SH		15,600	2,200	0
AT&T Inc	Equity	00206R102	2,788	67,179SH		52,428	14,751	0
Abbott Laboratories	Equity	002824100	979	18,275SH		16,275	2,000	0
Alliant Energy Corp	Equity	018802108	973	25,050SH		19,600	5,450	0
American Express Co	Equity	025816109	323	5,284SH		5,014	270	0
Amgen Inc	Equity	031162100	953	17,240SH		15,200	2,040	0
Anheuser Busch Cos Inc	Equity	035229103	1,134	21,750SH		19,400	2,350	0
Apache Corp	Equity	037411105	1,326	16,250SH		13,450	2,800	0
BP PLC ADR	Equity	055622104	1,377	19,086SH		16,098	2,988	0
Bankamerica Corp	Equity	060505104	1,394	28,511SH		24,937	3,574	0
Baxter Intrntional Inc	Equity	071813109	207	3,667SH		3,075	592	0
Bemis Company	Equity	081437105	451	13,600SH		10,700	2,900	0
BHP Billiton Ltd ADR	Equity	088606108	2,309	38,650SH		35,000	3,650	0
Bristol Myers Squibb Co	Equity	110122108	1,192	37,765SH		33,265	4,500	0
Chevron Corp	Equity	166764100	596	7,079SH		5,251	1,828	0
Cisco Systems Inc	Equity	17275R102	1,537	55,190SH		51,090	4,100	0
Coca Cola Co	Equity	191216100	1,149	21,974SH		18,724	3,250	0
ConocoPhilips	Equity	20825C104	2,388	30,416SH		26,998	3,418	0
Danaher Corp	Equity	235851102	1,498	19,845SH		17,320	2,525	0
DENTSPLY Intrntionl Inc	Equity	249030107	879	22,975SH		21,025	1,950	0
duPont EI de Nemours&Co	Equity	263534109	764	15,020SH		11,570	3,450	0
Duke Energy Hldng Corp	Equity	26441C105	288	15,738SH		14,025	1,713	0
Emerson Electric Co	Equity	291011104	1,544	32,985SH		27,925	5,060	0
Exelon Corp	Equity	30161N101	830	11,432SH		8,206	3,226	0
Exxon Mobil Corp	Equity	30231G102	3,017	35,970SH		29,695	6,275	0
General Electric Co	Equity	369604103	2,293	59,905SH		49,610	10,295	0
Gilead Sciences Inc	Equity	375558103	1,616	41,650SH		36,600	5,050	0
Granite Constrction Inc	Equity	387328107	587	9,150SH		7,900	1,250	0
Hewlett-Packard Co	Equity	428236103	2,608	58,456SH		51,500	6,956	0
Home Depot Inc	Equity	437076102	236	6,000SH		4,600	1,400	0
Illinois Tool Works Inc	Equity	452308109	361	6,660SH		5,740	920	0
IBM Corp	Equity	459200101	376	3,570SH		2,195	1,375	0
JP Morgan Chase & Co	Equity	46625H100	217	4,484SH		4,484	0	0
Johnson & Johnson	Equity	478160104	994	16,127SH		12,477	3,650	0
Kellogg Company	Equity	487836108	2,164	41,790SH		37,290	4,500	0
Kimberly-Clark Corp	Equity	494368103	911	13,625SH		10,775	2,850	0
Kohl's Corp	Equity	500255104	359	5,050SH		4,100	950	0
L-3 Commuications Hldgs	Equity	502424104	2,486	25,525SH		22,875	2,650	0
Lincoln National Corp	Equity	534187109	285	4,022SH		4,022	0	0
Lockheed Martin Corp	Equity	539830109	258	2,736SH		1,750	986	0
Lubrizol Corp	Equity	549271104	888	13,750SH		11,450	2,300	0

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

ManuLife Financial Corp	Equity	56501R106	278	7,448SH	7,448	0	0
Marshall & Ilsley Corp	Equity	571834100	413	8,666SH	8,666	0	0
McGrath RentCorp	Equity	580589109	20,819	617,949SH	617,949	0	0
Medtronic Inc	Equity	585055106	1,383	26,670SH	21,045	5,625	0
Merck & Co Inc	Equity	589331107	1,220	24,500SH	20,400	4,100	0
Microsoft Corp	Equity	594918104	357	12,100SH	11,500	600	0
Midwest Banc Hldngs Inc	Equity	598251106	524	36,117SH	36,117	0	0
Morgan Stanley	Equity	617446448	648	7,724SH	7,374	350	0
Newell Rubbermaid Inc	Equity	651229106	1,448	49,200SH	44,450	4,750	0
Newmont Mining Corp	Equity	651639106	498	12,750SH	9,500	3,250	0
Omnicom Group Inc	Equity	681919106	934	17,650SH	15,900	1,750	0
Pepsico Co	Equity	713448108	2,025	31,222SH	25,587	5,635	0
Pfizer Inc	Equity	717081103	618	24,168SH	21,938	2,230	0
Procter & Gamble Co	Equity	742718109	1,634	26,707SH	22,180	4,527	0
Prudential Financ l Inc	Equity	744320102	645	6,633SH	4,372	2,261	0
Royal Dutch Shell ADR	CLASS A	780259206	231	2,850SH	2,850	0	0
Safeway Inc	Equity	786514208	1,299	38,175SH	34,425	3,750	0
Schering Plough Corp	Equity	806605101	479	15,750SH	14,550	1,200	0
Schlumberger Ltd	Equity	806857108	2,669	31,425SH	28,325	3,100	0
Snap-On Inc	Equity	833034101	795	15,731SH	14,256	1,475	0
Sonoco Products Company	Equity	835495102	787	18,390SH	15,640	2,750	0
Stericycle Inc	Equity	858912108	441	9,925SH	9,225	700	0
Stryker Corp	Equity	863667101	1,438	22,800SH	20,700	2,100	0
Superior Bancorp	Equity	86806M106	4,097	400,498SH	400,498	0	0
Target Corp	Equity	87612E106	952	14,965SH	13,265	1,700	0
3M Company	Equity	88579Y101	577	6,645SH	5,845	800	0
United Technlgies Corp	Equity	913017109	2,313	32,605SH	28,355	4,250	0
Valero Energy Corp	Equity	91913Y100	1,173	15,875SH	14,325	1,550	0
Verizon Communications	Equity	92343V104	1,409	34,224SH	29,571	4,653	0
Walgreen Co	Equity	931422109	3,159	72,557SH	63,307	9,250	0
Wells Fargo & Co	Equity	949746101	723	20,565SH	18,615	1,950	0
Wyeth	Equity	983024100	1,491	26,000SH	23,400	2,600	0