

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

MARSHALL & ILSLEY CORP/WI/
Form 13F-HR
August 04, 2004

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

Form 13F

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 06/30/2004

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: R. J. Erickson
Title: Senior Vice President & General Counsel
Phone: 414-765-7809

Signature, Place, and Date of Signing:

/s/ R.J. Erickson Milwaukee, WI 07/23/2004
[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:

Number of Other Included Managers: 3

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

Form 13F Information Table Entry Total: 1,188

Form 13F Information Table Value Total: \$ 3,659,747
(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.
06	28-6060	Attorney Harrold J. McComas

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE DISCRETION (A)	SHR (B)	OTHER (C)	OT MG
ACE LTD	ORD	G0070K103	8,589	203,153 SH	X			0
ACE LTD	ORD	G0070K103	12	279 SH			X	0
AMDOCS LTD	ORD	G02602103	2,834	120,940 SH	X			0
AMDOCS LTD	ORD	G02602103	5	207 SH			X	0
ACCENTURE LTD BERMUDA	CL A	G1150G111	3,298	120,000 SH	X			0
COOPER INDS LTD	CL A	G24182100	1,048	17,648 SH	X			0
COOPER INDS LTD	CL A	G24182100	10	172 SH			X	0
EVEREST RE GROUP LTD	COM	G3223R108	2,862	35,619 SH	X			0
EVEREST RE GROUP LTD	COM	G3223R108	7	90 SH			X	0
INGERSOLL-RAND COMPANY LTD	CL A	G4776G101	4,955	72,531 SH	X			0
INGERSOLL-RAND COMPANY LTD	CL A	G4776G101	10	150 SH			X	0
NABORS INDUSTRIES LTD	SHS	G6359F103	262	5,787 SH	X			0
NABORS INDUSTRIES LTD	SHS	G6359F103	7	165 SH			X	0
NOBLE CORPORATION	SHS	G65422100	9,573	252,655 SH	X			0
NOBLE CORPORATION	SHS	G65422100	7	179 SH			X	0
PARTNERRE LTD	COM	G6852T105	9,544	168,230 SH	X			0
SCOTTISH RE GROUP LTD	ORD	G7885T104	2,025	87,080 SH	X			0
TRANSOCEAN INC	ORD	G90078109	1,048	36,206 SH	X			0
TRANSOCEAN INC	ORD	G90078109	143	4,943 SH			X	0

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

WEATHERFORD INTERNATIONAL LT	COM	G95089101	2,984	66,344	SH	X			0
WEATHERFORD INTERNATIONAL LT	COM	G95089101	88	1,950	SH			X	0
XL CAP LTD	CL A	G98255105	3,400	45,054	SH	X			0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	3,517	130,320	SH	X			0
FLEXTRONICS INTL LTD	ORD	Y2573F102	2,335	146,375	SH	X			0
FLEXTRONICS INTL LTD	ORD	Y2573F102	19	1,212	SH			X	0
AAR CORP	COM	000361105	180	15,867	SH	X			0
A D C TELECOMMUNICATIONS	COM	000886101	173	60,904	SH	X			0
A D C TELECOMMUNICATIONS	COM	000886101	2	800	SH			X	0
ACT TELECONFERENCING INC	COM	000955104	25	10,000	SH	X			0
AFLAC INC	COM	001055102	425	10,422	SH	X			0
AFLAC INC	COM	001055102	99	2,414	SH			X	0
AES CORP	COM	00130H105	404	40,727	SH	X			0
AES CORP	COM	00130H105	15	1,493	SH			X	0
AHT CORP	COM	00130R103	0	20,000	SH	X			0
AT&T CORP	COM NEW	001957505	3,161	216,049	SH	X			0
AT&T CORP	COM NEW	001957505	63	4,319	SH			X	0
AT&T WIRELESS SVCS INC	COM	00209A106	834	58,255	SH	X			0
AT&T WIRELESS SVCS INC	COM	00209A106	76	5,283	SH			X	0
ABBOTT LABS	COM	002824100	19,003	466,223	SH	X			0
ABBOTT LABS	COM	002824100	2,979	73,087	SH			X	0
ACCREDO HEALTH INC	COM	00437V104	1,624	41,701	SH	X			0
ACHIEVA DEV CORP	COM	00447B106	2	33,000	SH	X			0
ACTIVISION INC NEW	COM NEW	004930202	5,337	335,658	SH	X			0
ACTIVISION INC NEW	COM NEW	004930202	6	382	SH			X	0
ADOBE SYS INC	COM	00724F101	443	9,522	SH	X			0
ADOBE SYS INC	COM	00724F101	13	287	SH			X	0
ADTRAN INC	COM	00738A106	1,363	40,850	SH	X			0
ADVISORY BRD CO	COM	00762W107	2,372	66,620	SH	X			0
AETNA INC NEW	COM	00817Y108	4,041	47,542	SH	X			0
AETNA INC NEW	COM	00817Y108	307	3,616	SH			X	0
AFFILIATED COMPUTER SERVICES	CL A	008190100	3,559	67,224	SH	X			0
AIR PRODS & CHEMS INC	COM	009158106	3,735	71,213	SH	X			0
AIR PRODS & CHEMS INC	COM	009158106	985	18,787	SH			X	0
ALBERTO CULVER CO	COM	013068101	283	5,635	SH	X			0
ALBERTO CULVER CO	COM	013068101	4	74	SH			X	0
ALBERTSONS INC	COM	013104104	4,741	178,640	SH	X			0
ALBERTSONS INC	COM	013104104	53	2,006	SH			X	0
ALCOA INC	COM	013817101	16,416	496,994	SH	X			0
ALCOA INC	COM	013817101	1,880	56,903	SH			X	0
ALLEGHENY ENERGY INC	COM	017361106	307	19,895	SH	X			0
ALLEGHENY ENERGY INC	COM	017361106	6	374	SH			X	0
ALLETE INC	COM	018522102	8,887	266,877	SH	X			0
ALLETE INC	COM	018522102	49	1,460	SH			X	0
ALLIANT ENERGY CORP	COM	018802108	2,061	79,037	SH	X			0
ALLIANT ENERGY CORP	COM	018802108	182	6,978	SH			X	0
ALLSTATE CORP	COM	020002101	2,849	61,197	SH	X			0
ALLSTATE CORP	COM	020002101	358	7,691	SH			X	0
ALLTEL CORP	COM	020039103	10,259	202,664	SH	X			0
ALLTEL CORP	COM	020039103	45	896	SH			X	0
ALTERA CORP	COM	021441100	238	10,719	SH	X			0
ALTERA CORP	COM	021441100	7	337	SH			X	0
ALTRIA GROUP INC	COM	02209S103	80,395	1,606,297	SH	X			0
ALTRIA GROUP INC	COM	02209S103	7,304	145,934	SH			X	0
AMBAC FINL GROUP INC	COM	023139108	3,586	48,826	SH	X			0
AMBAC FINL GROUP INC	COM	023139108	10	134	SH			X	0
AMCOL INTL CORP	COM	02341W103	688	36,287	SH			X	0
AMEREN CORP	COM	023608102	2,231	51,932	SH	X			0
AMEREN CORP	COM	023608102	66	1,544	SH			X	0
AMCORE FINL INC	COM	023912108	246	8,142	SH	X			0
AMCORE FINL INC	COM	023912108	461	15,297	SH			X	0
AMERICAN ELEC PWR INC	COM	025537101	4,045	126,394	SH	X			0

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

AMERICAN ELEC PWR INC	COM	025537101	129	4,036	SH				X	0
AMERICAN EXPRESS CO	COM	025816109	14,552	283,221	SH	X				0
AMERICAN EXPRESS CO	COM	025816109	2,003	38,982	SH				X	0
AMERICAN HEALTHWAYS INC	COM	02649V104	2,867	107,686	SH	X				0
AMERICAN INTL GROUP INC	COM	026874107	25,272	354,539	SH	X				0
AMERICAN INTL GROUP INC	COM	026874107	3,320	46,573	SH				X	0
AMERICAN PWR CONVERSION CORP	COM	029066107	204	10,384	SH	X				0
AMERICAN PWR CONVERSION CORP	COM	029066107	10	490	SH				X	0
AMERICAN STD COS INC DEL	COM	029712106	426	10,563	SH	X				0
AMERICAN STD COS INC DEL	COM	029712106	17	423	SH				X	0
AMERICAN STELLAR ENERGY INC	COM	030082101	2	30,000	SH	X				0
AMERISOURCEBERGEN CORP	COM	03073E105	13,170	220,312	SH	X				0
AMERISOURCEBERGEN CORP	COM	03073E105	2	31	SH				X	0

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE (A)	INVESTMENT DISCRETION SHR (B)	OTHER (C)	OT MG
AMERITRADE HLDG CORP NEW	COM	03074K100	336	29,600 SH	X			0
AMERITRADE HLDG CORP NEW	COM	03074K100	7	660 SH			X	0
AMGEN INC	COM	031162100	11,235	205,889 SH	X			0
AMGEN INC	COM	031162100	2,361	43,266 SH			X	0
AMSOUTH BANCORPORATION	COM	032165102	3,823	150,115 SH	X			0
AMSOUTH BANCORPORATION	COM	032165102	10	406 SH			X	0
AMSURG CORP	COM	03232P405	1,571	62,516 SH	X			0
AMYLIN PHARMACEUTICALS INC	COM	032346108	6,483	284,350 SH	X			0
ANADARKO PETE CORP	COM	032511107	7,854	134,027 SH	X			0
ANADARKO PETE CORP	COM	032511107	973	16,596 SH			X	0
ANALOG DEVICES INC	COM	032654105	254	5,405 SH	X			0
ANALOG DEVICES INC	COM	032654105	17	371 SH			X	0
ANCHOR BANCORP WIS INC	COM	032839102	157	5,936 SH	X			0
ANCHOR BANCORP WIS INC	COM	032839102	724	27,380 SH			X	0
ANHEUSER BUSCH COS INC	COM	035229103	3,761	69,645 SH	X			0
ANHEUSER BUSCH COS INC	COM	035229103	2,215	41,025 SH			X	0
ANIMAS CORP DEL	COM	03525Y105	1,721	92,300 SH	X			0
ANIXTER INTL INC	COM	035290105	2,106	61,893 SH	X			0
ANTHEM INC	COM	03674B104	343	3,830 SH	X			0
ANTHEM INC	COM	03674B104	7	75 SH			X	0
APACHE CORP	COM	037411105	2,455	56,373 SH	X			0
APACHE CORP	COM	037411105	60	1,380 SH			X	0
APARTMENT INVT & MGMT CO	CL A	03748R101	424	13,627 SH	X			0
APARTMENT INVT & MGMT CO	CL A	03748R101	3	88 SH			X	0
APOLLO GROUP INC	CL A	037604105	1,038	11,760 SH	X			0
APOLLO GROUP INC	CL A	037604105	14	159 SH			X	0
APPLEBEES INTL INC	COM	037899101	2,284	99,229 SH	X			0
APRIA HEALTHCARE GROUP INC	COM	037933108	14,452	503,555 SH	X			0
APPLIED FILMS CORP	COM	038197109	1,488	51,280 SH	X			0
APPLIED MATLS INC	COM	038222105	10,489	534,595 SH	X			0
APPLIED MATLS INC	COM	038222105	847	43,168 SH			X	0
ARAMARK CORP	CL B	038521100	4,347	151,140 SH	X			0
ARCH COAL INC	COM	039380100	10,477	286,339 SH	X			0
ARCHER DANIELS MIDLAND CO	COM	039483102	1,320	78,690 SH	X			0
ARCHER DANIELS MIDLAND CO	COM	039483102	18	1,086 SH			X	0
ARM HLDGS PLC	SPONSORED ADR	042068106	68	10,200 SH	X			0

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

ARVINMERITOR INC	COM	043353101	559	28,547	SH	X			0
ARVINMERITOR INC	COM	043353101	1	49	SH			X	0
ASHLAND INC	COM	044204105	1,281	24,252	SH	X			0
ASHLAND INC	COM	044204105	2	37	SH			X	0
ASSOCIATED BANC CORP	COM	045487105	7,087	239,173	SH	X			0
ASSOCIATED BANC CORP	COM	045487105	2,051	69,236	SH			X	0
AUTODESK INC	COM	052769106	2,026	47,332	SH	X			0
AUTODESK INC	COM	052769106	20	472	SH			X	0
AUTOLIV INC	COM	052800109	1,702	40,320	SH	X			0
AUTOLIV INC	COM	052800109	26	613	SH			X	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	820	19,585	SH	X			0
AUTOMATIC DATA PROCESSING IN	COM	053015103	496	11,850	SH			X	0
AUTOZONE INC	COM	053332102	335	4,181	SH	X			0
AUTOZONE INC	COM	053332102	10	128	SH			X	0
AVAYA INC	COM	053499109	3,773	238,937	SH	X			0
AVAYA INC	COM	053499109	19	1,174	SH			X	0
AVERY DENNISON CORP	COM	053611109	99	1,551	SH	X			0
AVERY DENNISON CORP	COM	053611109	128	2,000	SH			X	0
AVID TECHNOLOGY INC	COM	05367P100	1,699	31,134	SH	X			0
AVOCENT CORP	COM	053893103	5,416	147,423	SH	X			0
AVON PRODS INC	COM	054303102	415	8,986	SH	X			0
AVON PRODS INC	COM	054303102	14	301	SH			X	0
BB&T CORP	COM	054937107	6,337	171,411	SH	X			0
BB&T CORP	COM	054937107	14	373	SH			X	0
BISYS GROUP INC	COM	055472104	11,261	800,890	SH	X			0
BJ SVCS CO	COM	055482103	2,516	54,877	SH	X			0
BJ SVCS CO	COM	055482103	3	63	SH			X	0
BP PLC	SPONSORED ADR	055622104	10,192	190,255	SH	X			0
BP PLC	SPONSORED ADR	055622104	5,267	98,325	SH			X	0
BMC SOFTWARE INC	COM	055921100	9,258	500,459	SH	X			0
BMC SOFTWARE INC	COM	055921100	305	16,505	SH			X	0
BADGER METER INC	COM	056525108	14,550	328,811	SH	X			0
BADGER METER INC	COM	056525108	336	7,600	SH			X	0
BAKER HUGHES INC	COM	057224107	1,907	50,657	SH	X			0
BAKER HUGHES INC	COM	057224107	8	200	SH			X	0
BANCO SANTANDER CENT HISPANO	ADR	05964H105	121	11,550	SH	X			0
BANK OF AMERICA CORPORATION	COM	060505104	44,909	530,712	SH	X			0
BANK OF AMERICA CORPORATION	COM	060505104	2,558	30,231	SH			X	0
BANK MUTUAL CORP NEW	COM	063750103	238	21,798	SH	X			0
BANK MUTUAL CORP NEW	COM	063750103	190	17,390	SH			X	0
BANK MONTICELLO WIS CDT CAP		063908107	154	275	SH	X			0
BANK MONTICELLO WIS CDT CAP		063908107	125	224	SH			X	0
BANK NEW YORK INC	COM	064057102	5,165	175,189	SH	X			0
BANK NEW YORK INC	COM	064057102	727	24,677	SH			X	0
BANK ONE CORP COM		06423A103	4,345	85,187	SH	X			0
BANK ONE CORP COM		06423A103	3,195	62,644	SH			X	0
BANTA CORP	COM	066821109	220	4,962	SH	X			0
BANTA CORP	COM	066821109	44	1,000	SH			X	0
BARD C R INC	COM	067383109	551	9,735	SH	X			0
BARD C R INC	COM	067383109	1,170	20,650	SH			X	0
BAUSCH & LOMB INC	COM	071707103	8,373	128,670	SH	X			0
BAUSCH & LOMB INC	COM	071707103	9	137	SH			X	0
BAXTER INTL INC	COM	071813109	6,968	201,909	SH	X			0
BAXTER INTL INC	COM	071813109	346	10,017	SH			X	0
BEAR STEARNS COS INC	COM	073902108	239	2,834	SH	X			0
BEAR STEARNS COS INC	COM	073902108	10	117	SH			X	0
BECTON DICKINSON & CO	COM	075887109	287	5,536	SH	X			0
BECTON DICKINSON & CO	COM	075887109	5	97	SH			X	0

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

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE DISCRETION (A)	OTHER (B)	OTHER (C)	MG
BED BATH & BEYOND INC	COM	075896100	364	9,460 SH	X			0
BED BATH & BEYOND INC	COM	075896100	259	6,745 SH			X	0
BELLSOUTH CORP	COM	079860102	13,680	521,721 SH	X			0
BELLSOUTH CORP	COM	079860102	1,897	72,336 SH			X	0
BELMONT RES INC	COM	080499106	2	28,000 SH	X			0
BEMIS INC	COM	081437105	228	8,059 SH	X			0
BERKSHIRE HATHAWAY INC DEL	CL A	084670108	1,245	14 SH	X			0
BERKSHIRE HATHAWAY INC DEL	CL A	084670108	1,245	14 SH			X	0
BERKSHIRE HATHAWAY INC DEL	CL B	084670207	2,905	983 SH	X			0
BERKSHIRE HATHAWAY INC DEL	CL B	084670207	824	279 SH			X	0
BEST BUY INC	COM	086516101	3,550	69,974 SH	X			0
BEST BUY INC	COM	086516101	585	11,523 SH			X	0
BIG LOTS INC	COM	089302103	204	14,077 SH	X			0
BIOMET INC	COM	090613100	569	12,797 SH	X			0
BIOMET INC	COM	090613100	84	1,898 SH			X	0
BIOGEN IDEC INC	COM	09062X103	119	1,880 SH	X			0
BIOGEN IDEC INC	COM	09062X103	390	6,171 SH			X	0
BLACK & DECKER CORP	COM	091797100	416	6,701 SH	X			0
BLACK & DECKER CORP	COM	091797100	6	102 SH			X	0
BLOCK H & R INC	COM	093671105	425	8,911 SH	X			0
BLOCK H & R INC	COM	093671105	61	1,279 SH			X	0
BOEING CO	COM	097023105	8,009	156,765 SH	X			0
BOEING CO	COM	097023105	761	14,895 SH			X	0
BOSTON SCIENTIFIC CORP	COM	101137107	3,147	73,529 SH	X			0
BOSTON SCIENTIFIC CORP	COM	101137107	98	2,280 SH			X	0
BOWATER INC	COM	102183100	7,292	175,323 SH	X			0
BRADY CORP	CL A	104674106	59	1,284 SH	X			0
BRADY CORP	CL A	104674106	1,194	25,900 SH			X	0
BRANDPARTNERS GROUP INC \$2.0		10531A906	0	62,908 SH	X			0
BRANDPARTNERS GROUP INC \$3.0		10531A914	0	31,454 SH	X			0
BRANDPARTNERS GROUP INC	COM	10531R107	43	62,908 SH	X			0
BRIGGS & STRATTON CORP	COM	109043109	166	1,884 SH	X			0
BRIGGS & STRATTON CORP	COM	109043109	371	4,200 SH			X	0
BRISTOL MYERS SQUIBB CO	COM	110122108	21,429	874,662 SH	X			0
BRISTOL MYERS SQUIBB CO	COM	110122108	1,830	74,693 SH			X	0
BROADCOM CORP	CL A	111320107	340	7,301 SH	X			0
BROADCOM CORP	CL A	111320107	16	336 SH			X	0
BROCADE COMMUNICATIONS SYS I	COM	111621108	2,298	384,270 SH	X			0
BRUNSWICK CORP	COM	117043109	9,283	227,523 SH	X			0
BRUNSWICK CORP	COM	117043109	6	149 SH			X	0
BURLINGTON NORTHN SANTA FE C	COM	12189T104	1,773	50,568 SH	X			0
BURLINGTON NORTHN SANTA FE C	COM	12189T104	393	11,202 SH			X	0
BURLINGTON RES INC	COM	122014103	10,545	291,457 SH	X			0
BURLINGTON RES INC	COM	122014103	337	9,328 SH			X	0
C D W CORP	COM	12512N105	3,245	50,892 SH	X			0
C D W CORP	COM	12512N105	13	200 SH			X	0
CIGNA CORP	COM	125509109	904	13,136 SH	X			0
CIT GROUP INC	COM	125581108	2,451	64,000 SH	X			0
CSX CORP	COM	126408103	7,138	217,807 SH	X			0
CSX CORP	COM	126408103	7	200 SH			X	0
CVS CORP	COM	126650100	10,213	243,047 SH	X			0
CVS CORP	COM	126650100	101	2,396 SH			X	0
CADRE RES LTD	COM	12763W101	2	20,000 SH	X			0

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

CAESARS ENTMT INC	COM	127687101	3,483	232,183	SH	X			0
CAESARS ENTMT INC	COM	127687101	15	987	SH			X	0
CALPINE CORP	COM	131347106	186	43,090	SH	X			0
CALPINE CORP	COM	131347106	4	895	SH			X	0
CAMPBELL SOUP CO	COM	134429109	372	13,835	SH	X			0
CAMPBELL SOUP CO	COM	134429109	26	977	SH			X	0
CAPITAL ONE FINL CORP	COM	14040H105	282	4,120	SH	X			0
CAPITAL ONE FINL CORP	COM	14040H105	7	103	SH			X	0
CARDINAL HEALTH INC	COM	14149Y108	7,064	100,841	SH	X			0
CARDINAL HEALTH INC	COM	14149Y108	1,180	16,850	SH			X	0
CAREER EDUCATION CORP	COM	141665109	214	4,687	SH	X			0
CAREMARK RX INC	COM	141705103	487	14,770	SH	X			0
CAREMARK RX INC	COM	141705103	9	264	SH			X	0
CARNIVAL CORP	PAIRED CTF	143658300	532	11,313	SH	X			0
CARNIVAL CORP	PAIRED CTF	143658300	365	7,762	SH			X	0
CARRIZO OIL & CO INC	COM	144577103	1,100	107,740	SH	X			0
CATERPILLAR INC DEL	COM	149123101	1,002	12,607	SH	X			0
CATERPILLAR INC DEL	COM	149123101	896	11,285	SH			X	0
CELL THERAPEUTICS INC	COM	150934107	147	20,000	SH	X			0
CENDANT CORP	COM	151313103	503	20,560	SH	X			0
CENDANT CORP	COM	151313103	15	622	SH			X	0
CENTERPOINT ENERGY INC	COM	15189T107	2,200	191,284	SH	X			0
CENTERPOINT ENERGY INC	COM	15189T107	21	1,819	SH			X	0
CENTEX CORP	COM	152312104	310	6,778	SH	X			0
CENTEX CORP	COM	152312104	9	197	SH			X	0
CHARTER ONE FINL INC	COM	160903100	3,193	72,258	SH	X			0
CHARTER ONE FINL INC	COM	160903100	9	201	SH			X	0
CHECKFREE CORP NEW	COM	162813109	3,962	132,071	SH	X			0
CHECKPOINT SYS INC	COM	162825103	293	16,345	SH	X			0
CHEMICAL FINL CORP	COM	163731102	103	2,805	SH	X			0
CHEMICAL FINL CORP	COM	163731102	446	12,083	SH			X	0
CHESAPEAKE ENERGY CORP	COM	165167107	2,373	161,230	SH	X			0
CHESAPEAKE ENERGY CORP	COM	165167107	147	10,000	SH			X	0
CHEVRONTEXACO CORP	COM	166764100	51,213	544,186	SH	X			0
CHEVRONTEXACO CORP	COM	166764100	4,842	51,452	SH			X	0
CHICOS FAS INC	COM	168615102	607	13,434	SH	X			0
CHOICEPOINT INC	COM	170388102	4,301	94,207	SH	X			0
CHUBB CORP	COM	171232101	9,417	138,114	SH	X			0
CHUBB CORP	COM	171232101	696	10,205	SH			X	0
CINCINNATI FINL CORP	COM	172062101	233	5,360	SH	X			0
CINCINNATI FINL CORP	COM	172062101	8	178	SH			X	0

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE (A)	DISCRETION (B)	OTHER (C)	OT MG
CINERGY CORP	COM	172474108	7,887	207,562 SH	X			0
CINERGY CORP	COM	172474108	71	1,876 SH			X	0
CISCO SYS INC	COM	17275R102	20,542	866,770 SH	X			0
CISCO SYS INC	COM	17275R102	2,108	88,928 SH			X	0
CINTAS CORP	COM	172908105	226	4,738 SH	X			0
CINTAS CORP	COM	172908105	234	4,900 SH			X	0
CITIGROUP INC	COM	172967101	31,898	685,971 SH	X			0
CITIGROUP INC	COM	172967101	3,756	80,783 SH			X	0

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

CITIZENS BKG CORP MICH	COM	174420109	217	7,000	SH	X			0
CITIZENS BKG CORP MICH	COM	174420109	290	9,324	SH			X	0
CITIZENS COMMUNICATIONS CO	COM	17453B101	8,297	685,686	SH	X			0
CITIZENS COMMUNICATIONS CO	COM	17453B101	12	991	SH			X	0
CITRIX SYS INC	COM	177376100	3,600	176,821	SH	X			0
CITRIX SYS INC	COM	177376100	9	427	SH			X	0
CITY NATL CORP	COM	178566105	5,419	82,486	SH	X			0
CLARCOR INC	COM	179895107	22	470	SH	X			0
CLARCOR INC	COM	179895107	321	7,000	SH			X	0
CLEAR CHANNEL COMMUNICATIONS	COM	184502102	1,824	49,353	SH	X			0
CLEAR CHANNEL COMMUNICATIONS	COM	184502102	71	1,914	SH			X	0
CLOROX CO DEL	COM	189054109	685	12,742	SH	X			0
CLOROX CO DEL	COM	189054109	127	2,355	SH			X	0
COCA COLA CO	COM	191216100	20,875	413,537	SH	X			0
COCA COLA CO	COM	191216100	5,038	99,794	SH			X	0
COCA COLA ENTERPRISES INC	COM	191219104	8,500	293,189	SH	X			0
COCA COLA ENTERPRISES INC	COM	191219104	4	155	SH			X	0
COGNOS INC	COM	19244C109	4,007	110,810	SH	X			0
COGNOS INC	COM	19244C109	11	310	SH			X	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	4,620	181,812	SH	X			0
COLGATE PALMOLIVE CO	COM	194162103	3,846	65,805	SH	X			0
COLGATE PALMOLIVE CO	COM	194162103	1,939	33,169	SH			X	0
COMCAST CORP NEW	CL A	20030N101	6,728	239,445	SH	X			0
COMCAST CORP NEW	CL A	20030N101	270	9,602	SH			X	0
COMERICA INC	COM	200340107	10,357	188,722	SH	X			0
COMERICA INC	COM	200340107	398	7,251	SH			X	0
COMPUTER ASSOC INTL INC	COM	204912109	924	32,929	SH	X			0
COMPUTER ASSOC INTL INC	COM	204912109	6	209	SH			X	0
COMPUTER SCIENCES CORP	COM	205363104	6,713	144,592	SH	X			0
COMPUTER SCIENCES CORP	COM	205363104	3	66	SH			X	0
COMPUWARE CORP	COM	205638109	299	45,284	SH	X			0
COMVERSE TECHNOLOGY INC	COM PAR \$0.10	205862402	3,144	157,676	SH	X			0
COMVERSE TECHNOLOGY INC	COM PAR \$0.10	205862402	80	4,000	SH			X	0
CONAGRA FOODS INC	COM	205887102	4,565	168,567	SH	X			0
CONAGRA FOODS INC	COM	205887102	29	1,088	SH			X	0
CONOCOPHILLIPS	COM	20825C104	21,298	279,178	SH	X			0
CONOCOPHILLIPS	COM	20825C104	196	2,574	SH			X	0
CONSOLIDATED EDISON INC	COM	209115104	3,061	76,985	SH	X			0
CONSOLIDATED EDISON INC	COM	209115104	85	2,136	SH			X	0
CONSTELLATION ENERGY GROUP I	COM	210371100	281	7,424	SH	X			0
CONSTELLATION ENERGY GROUP I	COM	210371100	9	243	SH			X	0
CONTANGO OIL & GAS COMPANY	COM NEW	21075N204	859	129,100	SH	X			0
CONVERGYS CORP	COM	212485106	6,860	445,430	SH	X			0
CORCEPT THERAPEUTICS INC	COM	218352102	1,176	152,349	SH	X			0
COREX GOLD CORP	COM	21870J101	15	44,700	SH	X			0
CORINTHIAN COLLEGES INC	COM	218868107	2,215	89,513	SH	X			0
CORNING INC	COM	219350105	414	31,662	SH	X			0
CORNING INC	COM	219350105	15	1,119	SH			X	0
COST PLUS INC CALIF	COM	221485105	1,509	46,491	SH	X			0
COUNTRYWIDE FINANCIAL CORP	COM	222372104	18,013	256,416	SH	X			0
COUNTRYWIDE FINANCIAL CORP	COM	222372104	405	5,762	SH			X	0
COVENTRY HEALTH CARE INC	COM	222862104	1,271	26,001	SH	X			0
CRANE CO	COM	224399105	252	8,036	SH	X			0
CRANE CO	COM	224399105	5	161	SH			X	0
CULLEN FROST BANKERS INC	COM	229899109	2,774	61,994	SH	X			0
CUTERA INC	COM	232109108	2,787	205,065	SH	X			0
DTE ENERGY CO	COM	233331107	1,906	47,019	SH	X			0
DTE ENERGY CO	COM	233331107	24	581	SH			X	0
DANAHER CORP DEL	COM	235851102	321	6,194	SH	X			0
DANAHER CORP DEL	COM	235851102	11	208	SH			X	0
DEAN FOODS CO NEW	COM	242370104	375	10,054	SH	X			0
DEERE & CO	COM	244199105	315	4,493	SH	X			0

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

DEERE & CO	COM	244199105	244	3,476	SH			X	0
DELL INC	COM	24702R101	14,213	396,798	SH	X			0
DELL INC	COM	24702R101	2,023	56,481	SH			X	0
DELPHI CORP	COM	247126105	1,737	162,657	SH	X			0
DELPHI CORP	COM	247126105	9	854	SH			X	0
DELUXE CORP	COM	248019101	206	4,743	SH	X			0
DELUXE CORP	COM	248019101	1	24	SH			X	0
DEVON ENERGY CORP NEW	COM	25179M103	322	4,886	SH	X			0
DEVON ENERGY CORP NEW	COM	25179M103	25	382	SH			X	0
DEVRY INC DEL	COM	251893103	224	8,177	SH	X			0
DIEBOLD INC	COM	253651103	90	1,705	SH	X			0
DIEBOLD INC	COM	253651103	328	6,200	SH			X	0
DIGENE CORP	COM	253752109	2,622	71,780	SH	X			0
DISCOVERY PARTNERS INTL INC	COM	254675101	1,961	384,510	SH	X			0
DISNEY WALT CO	COM DISNEY	254687106	8,657	339,617	SH	X			0
DISNEY WALT CO	COM DISNEY	254687106	1,457	57,179	SH			X	0
DOLLAR GEN CORP	COM	256669102	253	12,931	SH	X			0
DOLLAR GEN CORP	COM	256669102	21	1,086	SH			X	0
DOLLAR TREE STORES INC	COM	256747106	2,495	90,961	SH	X			0
DOMINION RES INC VA NEW	COM	25746U109	7,010	111,125	SH	X			0
DOMINION RES INC VA NEW	COM	25746U109	47	747	SH			X	0
DONNELLEY R R & SONS CO	COM	257867101	9,406	284,860	SH	X			0
DONNELLEY R R & SONS CO	COM	257867101	35	1,060	SH			X	0
DORAL FINL CORP	COM	25811P100	2,955	85,660	SH	X			0

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 06/30/04

- - - - COL1 - - - - - COL2 - - - - - COL3 - - - - - COL4 - - - - - COL5 - - - - - COL6 - - - - - COL7 - - - - - COL8 - - - - - COL9 - - - - - COL10 - - - - -									
NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	INVESTMENT DISCRETION			OT	MG
					SOLE (A)	SHR (B)	OTHER (C)		
DOVER CORP	COM	260003108	3,274	77,767	SH	X			0
DOW CHEM CO	COM	260543103	14,935	366,961	SH	X			0
DOW CHEM CO	COM	260543103	798	19,610	SH			X	0
DOW JONES & CO INC	COM	260561105	419	9,296	SH	X			0
DOW JONES & CO INC	COM	260561105	9	201	SH			X	0
DU PONT E I DE NEMOURS & CO	COM	263534109	17,313	389,746	SH	X			0
DU PONT E I DE NEMOURS & CO	COM	263534109	1,153	25,951	SH			X	0
DUKE ENERGY CORP	COM	264399106	5,800	285,877	SH	X			0
DUKE ENERGY CORP	COM	264399106	59	2,911	SH			X	0
DYCOM INDS INC	COM	267475101	200	7,156	SH	X			0
E M C CORP MASS	COM	268648102	599	52,501	SH	X			0
E M C CORP MASS	COM	268648102	33	2,851	SH			X	0
EMI GROUP PLC	SPON ADR NEW	268694205	189	21,400	SH	X			0
ENSCO INTL INC	COM	26874Q100	9,076	311,904	SH	X			0
ENSCO INTL INC	COM	26874Q100	356	12,220	SH			X	0
EOG RES INC	COM	26875P101	274	4,585	SH	X			0
EOG RES INC	COM	26875P101	11	182	SH			X	0
EASTMAN CHEM CO	COM	277432100	1,517	32,818	SH	X			0
EASTMAN CHEM CO	COM	277432100	27	576	SH			X	0
EATON CORP	COM	278058102	487	7,525	SH	X			0
EATON CORP	COM	278058102	510	7,870	SH			X	0
EBAY INC	COM	278642103	1,372	14,917	SH	X			0
EBAY INC	COM	278642103	73	791	SH			X	0
ECOLAB INC	COM	278865100	1,031	32,536	SH	X			0
ECOLAB INC	COM	278865100	271	8,540	SH			X	0

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

EDISON INTL	COM	281020107	486	19,017	SH	X			0
EDISON INTL	COM	281020107	45	1,759	SH			X	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	6,574	188,645	SH	X			0
EDWARDS LIFESCIENCES CORP	COM	28176E108	13	360	SH			X	0
ELECTRONIC ARTS INC	COM	285512109	1,357	24,868	SH	X			0
ELECTRONIC ARTS INC	COM	285512109	28	518	SH			X	0
EMERSON ELEC CO	COM	291011104	2,522	39,688	SH	X			0
EMERSON ELEC CO	COM	291011104	1,428	22,475	SH			X	0
ENBRIDGE ENERGY PARTNERS L P	COM	29250R106	232	5,000	SH	X			0
ENDO PHARMACEUTICALS HLDGS I	COM	29264F205	3,308	141,050	SH	X			0
ENERGY CORP NEW	COM	29364G103	3,725	66,505	SH	X			0
ENERGY CORP NEW	COM	29364G103	40	717	SH			X	0
EQUIFAX INC	COM	294429105	206	8,312	SH	X			0
EQUIFAX INC	COM	294429105	8	325	SH			X	0
EQUITY OFFICE PROPERTIES TRU	COM	294741103	3,395	124,803	SH	X			0
EQUITY OFFICE PROPERTIES TRU	COM	294741103	40	1,473	SH			X	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	2,143	72,097	SH	X			0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	7	236	SH			X	0
ERICSSON L M TEL CO	ADR B SEK 10	294821608	4,725	158,043	SH	X			0
ERICSSON L M TEL CO	ADR B SEK 10	294821608	200	6,690	SH			X	0
EXELON CORP	COM	30161N101	6,872	206,431	SH	X			0
EXELON CORP	COM	30161N101	60	1,806	SH			X	0
EXPEDITORS INTL WASH INC	COM	302130109	3,903	78,988	SH	X			0
EXPRESS SCRIPTS INC	COM	302182100	4,950	62,473	SH	X			0
EXPRESS SCRIPTS INC	COM	302182100	15	189	SH			X	0
EXXON MOBIL CORP	COM	30231G102	58,902	1,326,325	SH	X			0
EXXON MOBIL CORP	COM	30231G102	27,794	625,846	SH			X	0
FPL GROUP INC	COM	302571104	4,619	72,235	SH	X			0
FPL GROUP INC	COM	302571104	449	7,025	SH			X	0
FAMILY DLR STORES INC	COM	307000109	233	7,665	SH	X			0
FAMILY DLR STORES INC	COM	307000109	7	233	SH			X	0
FASTENAL CO	COM	311900104	606	10,667	SH	X			0
FASTENAL CO	COM	311900104	309	5,434	SH			X	0
FEDERAL HOME LN MTG CORP	COM	313400301	16,822	265,749	SH	X			0
FEDERAL HOME LN MTG CORP	COM	313400301	1,587	25,074	SH			X	0
FEDERAL NATL MTG ASSN	COM	313586109	4,917	68,901	SH	X			0
FEDERAL NATL MTG ASSN	COM	313586109	1,507	21,124	SH			X	0
FEDERATED DEPT STORES INC DE	COM	31410H101	944	19,227	SH	X			0
FEDERATED DEPT STORES INC DE	COM	31410H101	57	1,160	SH			X	0
FEDEX CORP	COM	31428X106	10,649	130,364	SH	X			0
FEDEX CORP	COM	31428X106	1,104	13,515	SH			X	0
FIFTH THIRD BANCORP	COM	316773100	2,294	42,659	SH	X			0
FIFTH THIRD BANCORP	COM	316773100	1,279	23,780	SH			X	0
FIRST FED CAP CORP	COM	319960100	157	5,629	SH	X			0
FIRST FED CAP CORP	COM	319960100	1,428	51,306	SH			X	0
FIRST DATA CORP	COM	319963104	10,238	229,960	SH	X			0
FIRST DATA CORP	COM	319963104	470	10,560	SH			X	0
FIRST HORIZON NATL CORP	COM	320517105	2,337	51,406	SH	X			0
FIRST HORIZON NATL CORP	COM	320517105	104	2,285	SH			X	0
FIRST MID ILL BANCSHARES INC	COM	320866106	602	12,041	SH	X			0
1ST SOURCE CORP	COM	336901103	1,221	49,140	SH			X	0
FISERV INC	COM	337738108	6,440	165,603	SH	X			0
FISERV INC	COM	337738108	266	6,851	SH			X	0
FIRSTENERGY CORP	COM	337932107	4,481	119,769	SH	X			0
FIRSTENERGY CORP	COM	337932107	14	368	SH			X	0
FOOT LOCKER INC	COM	344849104	3,432	141,010	SH	X			0
FORD MTR CO DEL	COM PAR \$0.01	345370860	5,842	373,290	SH	X			0
FORD MTR CO DEL	COM PAR \$0.01	345370860	619	39,552	SH			X	0
FOREST LABS INC	COM	345838106	1,006	17,762	SH	X			0
FOREST LABS INC	COM	345838106	629	11,109	SH			X	0
FORTUNE BRANDS INC	COM	349631101	2,255	29,896	SH	X			0
FORTUNE BRANDS INC	COM	349631101	579	7,671	SH			X	0

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

FREEMPORT-MCMORAN COPPER & GO CL B	35671D857	223	6,714 SH	X	0
FREEMPORT-MCMORAN COPPER & GO CL B	35671D857	20	595 SH		X 0
FULLER H B CO	COM	359694106	7,426	261,470 SH	X 0
GALLAHER GROUP PLC	SPONSORED ADR	363595109	350	7,222 SH	X 0
GALLAHER GROUP PLC	SPONSORED ADR	363595109	161	3,320 SH	X 0
GANNETT INC	COM	364730101	9,668	113,947 SH	X 0
GANNETT INC	COM	364730101	1,373	16,180 SH	X 0

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE (A)	SHR (B)	OTHER (C)	OT MG
GAP INC DEL	COM	364760108	401	16,556 SH	X			0
GAP INC DEL	COM	364760108	669	27,572 SH			X	0
GEHL CO	COM	368483103	526	26,000 SH			X	0
GENENTECH INC	COM NEW	368710406	5,924	105,402 SH	X			0
GENENTECH INC	COM NEW	368710406	857	15,258 SH			X	0
GENERAL COMMUNICATION INC	CL A	369385109	178	22,447 SH	X			0
GENERAL DYNAMICS CORP	COM	369550108	640	6,449 SH	X			0
GENERAL DYNAMICS CORP	COM	369550108	11	115 SH			X	0
GENERAL ELEC CO	COM	369604103	76,140	2,349,998 SH	X			0
GENERAL ELEC CO	COM	369604103	15,763	486,523 SH			X	0
GENERAL MLS INC	COM	370334104	2,364	49,740 SH	X			0
GENERAL MLS INC	COM	370334104	1,066	22,433 SH			X	0
GENERAL MTRS CORP	COM	370442105	10,558	226,609 SH	X			0
GENERAL MTRS CORP	COM	370442105	567	12,174 SH			X	0
GENUINE PARTS CO	COM	372460105	670	16,885 SH	X			0
GENUINE PARTS CO	COM	372460105	105	2,636 SH			X	0
GEORGIA PAC CORP	COM	373298108	386	10,438 SH	X			0
GEORGIA PAC CORP	COM	373298108	417	11,267 SH			X	0
GILEAD SCIENCES INC	COM	375558103	4,031	60,163 SH	X			0
GILEAD SCIENCES INC	COM	375558103	3	50 SH			X	0
GILLETTE CO	COM	375766102	14,710	346,923 SH	X			0
GILLETTE CO	COM	375766102	1,932	45,573 SH			X	0
GLACIER BANCORP INC NEW	COM	37637Q105	227	8,056 SH			X	0
GLAXOSMITHKLINE PLC	SPONSORED ADR	37733W105	1,052	25,378 SH	X			0
GLAXOSMITHKLINE PLC	SPONSORED ADR	37733W105	781	18,837 SH			X	0
GLENAYRE TECHNOLOGIES INC	COM	377899109	23	10,000 SH	X			0
GLOBAL INDL SVCS INC	COM	37939H100	0	20,000 SH	X			0
GLOBAL PMTS INC	COM	37940X102	6,895	153,150 SH	X			0
GOLDEN WEST FINL CORP DEL	COM	381317106	390	3,667 SH	X			0
GOLDEN WEST FINL CORP DEL	COM	381317106	12	114 SH			X	0
GOLDMAN SACHS GROUP INC	COM	38141G104	13,560	144,009 SH	X			0
GOLDMAN SACHS GROUP INC	COM	38141G104	1,323	14,055 SH			X	0
GOODRICH CORP	COM	382388106	1,125	34,809 SH	X			0
GRAINGER W W INC	COM	384802104	8,975	156,085 SH	X			0
GRAINGER W W INC	COM	384802104	69	1,200 SH			X	0
GREENPOINT FINL CORP	COM	395384100	37	926 SH	X			0
GREENPOINT FINL CORP	COM	395384100	333	8,400 SH			X	0
GTECH HLDGS CORP	COM	400518106	2,963	63,972 SH	X			0
GTECH HLDGS CORP	COM	400518106	157	3,380 SH			X	0
GUIDANT CORP	COM	401698105	6,887	123,249 SH	X			0
GUIDANT CORP	COM	401698105	762	13,628 SH			X	0
GUS PLC	SPONSORED ADR	40330M108	158	10,300 SH	X			0

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

HCA INC	COM	404119109	1,371	32,974 SH	X	0
HCA INC	COM	404119109	95	2,294 SH		X 0
HSBC HLDGS PLC	SPON ADR NEW	404280406	646	8,619 SH	X	0
HSBC HLDGS PLC	SPON ADR NEW	404280406	516	6,884 SH		X 0
HALLIBURTON CO	COM	406216101	269	8,893 SH	X	0
HALLIBURTON CO	COM	406216101	137	4,513 SH		X 0
HARLEY DAVIDSON INC	COM	412822108	20,561	331,954 SH	X	0
HARLEY DAVIDSON INC	COM	412822108	2,525	40,772 SH		X 0
HARRIS CORP DEL	COM	413875105	1,427	28,120 SH	X	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	5,591	81,335 SH	X	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	156	2,265 SH		X 0
HARVEST NATURAL RESOURCES IN	COM	41754V103	1,607	107,750 SH	X	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	208	7,952 SH	X	0
HEALTH MGMT ASSOC INC NEW	CL A	421933102	3,272	145,934 SH	X	0
HEALTH MGMT ASSOC INC NEW	CL A	421933102	10	457 SH		X 0
HEALTH EXTRAS INC	COM	422211102	292	17,600 SH	X	0
HEARTLAND FINL USA INC	COM	42234Q102	218	11,904 SH	X	0
HEINZ H J CO	COM	423074103	5,619	143,330 SH	X	0
HEINZ H J CO	COM	423074103	555	14,149 SH		X 0
HERSHEY FOODS CORP	COM	427866108	659	14,240 SH	X	0
HERSHEY FOODS CORP	COM	427866108	186	4,026 SH		X 0
HEWLETT PACKARD CO	COM	428236103	6,385	302,624 SH	X	0
HEWLETT PACKARD CO	COM	428236103	879	41,668 SH		X 0
HILB ROGAL & HOBBS CO	COM	431294107	236	6,620 SH	X	0
HILTON HOTELS CORP	COM	432848109	3,437	184,204 SH	X	0
HILTON HOTELS CORP	COM	432848109	12	650 SH		X 0
HOME DEPOT INC	COM	437076102	5,123	145,532 SH	X	0
HOME DEPOT INC	COM	437076102	1,188	33,756 SH		X 0
HONEYWELL INTL INC	COM	438516106	3,886	106,096 SH	X	0
HONEYWELL INTL INC	COM	438516106	448	12,231 SH		X 0
HOSPIRA INC	COM	441060100	394	14,288 SH	X	0
HOSPIRA INC	COM	441060100	134	4,838 SH		X 0
HOT TOPIC INC	COM	441339108	1,904	92,947 SH	X	0
HOUSTON EXPL CO	COM	442120101	363	7,000 SH	X	0
HUBBELL INC	CL B	443510201	8,240	176,411 SH	X	0
HUDSON UNITED BANCORP	COM	444165104	209	5,600 SH	X	0
HUNTINGTON BANCSHARES INC	COM	446150104	2,026	88,170 SH	X	0
HUNTINGTON BANCSHARES INC	COM	446150104	12	526 SH		X 0
HYPERION SOLUTIONS CORP	COM	44914M104	914	20,908 SH	X	0
IMS HEALTH INC	COM	449934108	346	14,749 SH	X	0
IMS HEALTH INC	COM	449934108	72	3,076 SH		X 0
ITT INDS INC IND	COM	450911102	410	4,942 SH	X	0
ITT INDS INC IND	COM	450911102	22	265 SH		X 0
IKON OFFICE SOLUTIONS INC	COM	451713101	4,134	360,450 SH	X	0
ILLINOIS TOOL WKS INC	COM	452308109	8,915	92,968 SH	X	0
ILLINOIS TOOL WKS INC	COM	452308109	2,782	29,008 SH		X 0
IMAGING DIAGNOSTIC SYS INC	COM	45244W100	60	148,968 SH	X	0
IMATION CORP	COM	45245A107	8,342	195,773 SH	X	0
IMMUCOR INC	COM	452526106	2,517	77,341 SH	X	0
ING GROUP N V	SPONSORED ADR	456837103	109	4,615 SH	X	0
ING GROUP N V	SPONSORED ADR	456837103	322	13,580 SH		X 0
INGRAM MICRO INC	CL A	457153104	1,409	97,380 SH	X	0

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

- - - - COL1 - - - - COL2 - - - - COL3 - - - COL4 - - - COL5 - - - - COL6 - - COL7 - - COL8 - - COL9 - - COL10
MARKET INVESTMENT DISCRETION

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

NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (X\$1000)	SHS OR PRN AMT	SOLE (A)	SHR (B)	OTHER (C)	OT MG
INHIBITEX INC	COM	45719T103	1,293	179,400 SH	X			0
INTEGRATED CIRCUIT SYS INC	COM	45811K208	3,998	147,214 SH	X			0
INTEL CORP	COM	458140100	34,558	1,252,110 SH	X			0
INTEL CORP	COM	458140100	5,984	216,810 SH			X	0
INTERACTIVE INTELLIGENCE INC	COM	45839M103	76	13,180 SH			X	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	30,390	344,753 SH	X			0
INTERNATIONAL BUSINESS MACHS	COM	459200101	7,600	86,214 SH			X	0
INTERNATIONAL GAME TECHNOLOG	COM	459902102	764	19,803 SH	X			0
INTERNATIONAL GAME TECHNOLOG	COM	459902102	13	348 SH			X	0
INTL PAPER CO	COM	460146103	2,632	58,882 SH	X			0
INTL PAPER CO	COM	460146103	184	4,126 SH			X	0
ISHARES TR	S&P 500 INDEX	464287200	12,105	105,652 SH	X			0
ISHARES TR	S&P 500 INDEX	464287200	482	4,206 SH			X	0
ISHARES TR	S&P500/BAR GRW	464287309	1,026	18,060 SH	X			0
ISHARES TR	S&P500/BAR GRW	464287309	10	170 SH			X	0
ISHARES TR	S&P500/BAR VAL	464287408	241	4,213 SH	X			0
ISHARES TR	S&P500/BAR VAL	464287408	29	500 SH			X	0
ISHARES TR	MSCI EAFE IDX	464287465	7,645	53,461 SH	X			0
ISHARES TR	MSCI EAFE IDX	464287465	1,767	12,356 SH			X	0
ISHARES TR	RUSSELL MCP GR	464287481	260	3,330 SH	X			0
ISHARES TR	S&P MIDCAP 400	464287507	8,411	69,172 SH	X			0
ISHARES TR	S&P MIDCAP 400	464287507	357	2,934 SH			X	0
ISHARES TR	RUSSELL1000VAL	464287598	788	13,127 SH	X			0
ISHARES TR	S&P MIDCP GROW	464287606	247	1,980 SH	X			0
ISHARES TR	RUSSELL 1000	464287622	401	6,565 SH	X			0
ISHARES TR	RUSL 2000 VALU	464287630	435	2,525 SH	X			0
ISHARES TR	RUSL 2000 VALU	464287630	12	68 SH			X	0
ISHARES TR	RUSL 2000 GROW	464287648	325	5,200 SH	X			0
ISHARES TR	RUSSELL 2000	464287655	5,520	46,782 SH	X			0
ISHARES TR	RUSSELL 2000	464287655	885	7,498 SH			X	0
ISHARES TR	S&P MIDCP VALU	464287705	2,771	23,750 SH	X			0
ISHARES TR	S&P MIDCP VALU	464287705	707	6,061 SH			X	0
ISHARES TR	DJ US TELECOMM	464287713	7,004	327,910 SH	X			0
ISHARES TR	DJ US TECH SEC	464287721	445	9,235 SH	X			0
ISHARES TR	DJ US TECH SEC	464287721	4	76 SH			X	0
ISHARES TR	DJ US HEALTHCR	464287762	518	8,824 SH	X			0
ISHARES TR	S&P SMLCAP 600	464287804	2,295	15,588 SH	X			0
ISHARES TR	S&P SMLCAP 600	464287804	132	900 SH			X	0
IVAX CORP	COM	465823102	4,744	197,729 SH	X			0
JDS UNIPHASE CORP	COM	46612J101	195	51,570 SH	X			0
J P MORGAN CHASE & CO	COM	46625H100	28,110	725,043 SH	X			0
J P MORGAN CHASE & CO	COM	46625H100	947	24,426 SH			X	0
JABIL CIRCUIT INC	COM	466313103	3,330	132,261 SH	X			0
JABIL CIRCUIT INC	COM	466313103	6	234 SH			X	0
JACUZZI BRANDS INC	COM	469865109	1,778	220,555 SH	X			0
JEFFERSON PILOT CORP	COM	475070108	5,757	113,324 SH	X			0
JEFFERSON PILOT CORP	COM	475070108	64	1,268 SH			X	0
JOHNSON & JOHNSON	COM	478160104	22,936	411,771 SH	X			0
JOHNSON & JOHNSON	COM	478160104	6,093	109,396 SH			X	0
JOHNSON CTLS INC	COM	478366107	6,458	120,983 SH	X			0
JOHNSON CTLS INC	COM	478366107	1,338	25,073 SH			X	0
JONES APPAREL GROUP INC	COM	480074103	7,067	179,002 SH	X			0
JONES APPAREL GROUP INC	COM	480074103	0	10 SH			X	0
JOY GLOBAL INC	COM	481165108	1,228	41,030 SH	X			0
KLA-TENCOR CORP	COM	482480100	299	6,062 SH	X			0
KB HOME	COM	48666K109	196	2,863 SH	X			0
KB HOME	COM	48666K109	10	146 SH			X	0
KELLOGG CO	COM	487836108	1,901	45,427 SH	X			0
KELLOGG CO	COM	487836108	5,725	136,802 SH			X	0

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

KELLWOOD CO	COM	488044108	2,243	51,495	SH	X			0
KENNAMETAL INC	COM	489170100	5,264	114,932	SH	X			0
KENNAMETAL INC	COM	489170100	302	6,585	SH			X	0
KERR MCGEE CORP	COM	492386107	4,366	81,203	SH	X			0
KERR MCGEE CORP	COM	492386107	61	1,134	SH			X	0
KEYCORP NEW	COM	493267108	4,579	153,179	SH	X			0
KEYCORP NEW	COM	493267108	22	733	SH			X	0
KEYSPAN CORP	COM	49337W100	2,492	67,904	SH	X			0
KEYSPAN CORP	COM	49337W100	41	1,129	SH			X	0
KIMBERLY CLARK CORP	COM	494368103	32,898	499,367	SH	X			0
KIMBERLY CLARK CORP	COM	494368103	6,332	96,117	SH			X	0
KINDER MORGAN MANAGEMENT LLC	SHS	49455U100	4,851	131,930	SH	X			0
KINDER MORGAN ENERGY PARTNER	UT LTD PARTNER	494550106	328	8,056	SH	X			0
KINDER MORGAN ENERGY PARTNER	UT LTD PARTNER	494550106	386	9,480	SH			X	0
KINETIC CONCEPTS INC	COM NEW	49460W208	3,770	75,560	SH	X			0
KOHL'S CORP	COM	500255104	19,101	451,770	SH	X			0
KOHL'S CORP	COM	500255104	2,565	60,674	SH			X	0
KROGER CO	COM	501044101	4,652	255,626	SH	X			0
KROGER CO	COM	501044101	2	91	SH			X	0
KRONOS INC	COM	501052104	2,559	62,100	SH	X			0
LANDRYS RESTAURANTS INC	COM	51508L103	2,008	67,172	SH	X			0
LAUDER ESTEE COS INC	CL A	518439104	9,007	184,652	SH	X			0
LAUDER ESTEE COS INC	CL A	518439104	573	11,743	SH			X	0
LECG CORP	COM	523234102	1,333	77,000	SH	X			0
LEHMAN BROS HLDGS INC	COM	524908100	412	5,477	SH	X			0
LEHMAN BROS HLDGS INC	COM	524908100	12	158	SH			X	0
LEXMARK INTL NEW	CL A	529771107	4,561	47,249	SH	X			0
LEXMARK INTL NEW	CL A	529771107	253	2,623	SH			X	0
LILLY ELI & CO	COM	532457108	9,558	136,722	SH	X			0
LILLY ELI & CO	COM	532457108	2,405	34,397	SH			X	0
LINCOLN NATL CORP IND	COM	534187109	5,329	112,791	SH	X			0
LINCOLN NATL CORP IND	COM	534187109	506	10,712	SH			X	0
LINEAR TECHNOLOGY CORP	COM	535678106	302	7,645	SH	X			0
LINEAR TECHNOLOGY CORP	COM	535678106	12	306	SH			X	0
LIZ CLAIBORNE INC	COM	539320101	2,432	67,587	SH	X			0

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	INVESTMENT DISCRETION	SOLE (A)	SHR (B)	OTHER (C)	OT (D)	MG
LIZ CLAIBORNE INC	COM	539320101	4	116	SH				X	0
LIZZADRO FARMS INC COM		53933A900	71	13,901	SH	X				0
LOCATEPLUS HOLDINGS CORP	CL B	539570200	11	30,000	SH	X				0
LOCKHEED MARTIN CORP	COM	539830109	547	10,510	SH	X				0
LOCKHEED MARTIN CORP	COM	539830109	127	2,431	SH			X		0
LONGVIEW FIBRE CO	COM	543213102	577	39,138	SH	X				0
LOWES COS INC	COM	548661107	5,766	109,715	SH	X				0
LOWES COS INC	COM	548661107	465	8,852	SH			X		0
LUCENT TECHNOLOGIES INC	COM	549463107	76	20,084	SH	X				0
LUCENT TECHNOLOGIES INC	COM	549463107	49	13,064	SH			X		0
MBIA INC	COM	55262C100	192	3,357	SH	X				0
MBIA INC	COM	55262C100	292	5,119	SH			X		0
MBNA CORP	COM	55262L100	626	24,283	SH	X				0
MBNA CORP	COM	55262L100	385	14,944	SH			X		0

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

MDU RES GROUP INC	COM	552690109	2,677	111,398	SH	X		0
MDU RES GROUP INC	COM	552690109	450	18,719	SH		X	0
MGE ENERGY INC	COM	55277P104	2,597	79,602	SH	X		0
MGE ENERGY INC	COM	55277P104	84	2,570	SH		X	0
MGIC INVT CORP WIS	COM	552848103	14,873	196,059	SH	X		0
MGIC INVT CORP WIS	COM	552848103	1,066	14,050	SH		X	0
MSC INDL DIRECT INC	CL A	553530106	7,165	218,180	SH	X		0
MSC INDL DIRECT INC	CL A	553530106	11	350	SH		X	0
MANHATTAN ASSOCS INC	COM	562750109	2,696	87,319	SH	X		0
MANITOWOC INC	COM	563571108	1,132	33,446	SH	X		0
MANPOWER INC	COM	56418H100	11,807	232,567	SH	X		0
MANPOWER INC	COM	56418H100	338	6,665	SH		X	0
MARATHON OIL CORP	COM	565849106	3,844	101,586	SH	X		0
MARATHON OIL CORP	COM	565849106	119	3,142	SH		X	0
MARCUS CORP	COM	566330106	3	145	SH	X		0
MARCUS CORP	COM	566330106	349	20,250	SH		X	0
LEM HOLDING SA-REG		5716119	208	1,250	SH		X	0
MARSH & MCLENNAN COS INC	COM	571748102	2,041	44,969	SH	X		0
MARSH & MCLENNAN COS INC	COM	571748102	177	3,901	SH		X	0
MARSHALL & ILSLEY CORP	COM	571834100	168,477	4,309,980	SH	X		0
MARSHALL & ILSLEY CORP	COM	571834100	64,442	1,648,563	SH		X	0
MARRIOTT INTL INC NEW	CL A	571903202	3,332	66,798	SH	X		0
MARRIOTT INTL INC NEW	CL A	571903202	9	185	SH		X	0
MARTIN MARIETTA MATLS INC	COM	573284106	5,306	119,692	SH	X		0
MASCO CORP	COM	574599106	759	24,336	SH	X		0
MATRIA HEALTHCARE INC	COM NEW	576817209	900	35,900	SH	X		0
MAXIM INTEGRATED PRODS INC	COM	57772K101	1,413	26,963	SH	X		0
MAXIM INTEGRATED PRODS INC	COM	57772K101	13	242	SH		X	0
MAY DEPT STORES CO	COM	577778103	3,438	125,058	SH	X		0
MAY DEPT STORES CO	COM	577778103	17	636	SH		X	0
MAYTAG CORP	COM	578592107	2,742	111,870	SH	X		0
MAYTAG CORP	COM	578592107	5	193	SH		X	0
MCCORMICK & CO INC	COM NON VTG	579780206	389	11,432	SH	X		0
MCCORMICK & CO INC	COM NON VTG	579780206	13	384	SH		X	0
MCDONALDS CORP	COM	580135101	4,831	185,790	SH	X		0
MCDONALDS CORP	COM	580135101	1,273	48,967	SH		X	0
MCGRAW HILL COS INC	COM	580645109	4,230	55,250	SH	X		0
MCGRAW HILL COS INC	COM	580645109	341	4,449	SH		X	0
MCKESSON CORP	COM	58155Q103	6,058	176,473	SH	X		0
MCKESSON CORP	COM	58155Q103	57	1,650	SH		X	0
MEADWESTVACO CORP	COM	583334107	2,546	86,639	SH	X		0
MEADWESTVACO CORP	COM	583334107	653	22,228	SH		X	0
MEDCO HEALTH SOLUTIONS INC	COM	58405U102	514	13,702	SH	X		0
MEDCO HEALTH SOLUTIONS INC	COM	58405U102	149	3,965	SH		X	0
MEDICIS PHARMACEUTICAL CORP	CL A NEW	584690309	3,660	91,627	SH	X		0
MEDIMMUNE INC	COM	584699102	3,818	163,224	SH	X		0
MEDIMMUNE INC	COM	584699102	402	17,175	SH		X	0
MEDTRONIC INC	COM	585055106	5,050	103,648	SH	X		0
MEDTRONIC INC	COM	585055106	649	13,318	SH		X	0
MELLON FINL CORP	COM	58551A108	182	6,203	SH	X		0
MELLON FINL CORP	COM	58551A108	85	2,912	SH		X	0
MERCHANTS FINANCIAL GROUP IN	COM	588538108	234	7,104	SH	X		0
MERCK & CO INC	COM	589331107	49,776	1,047,913	SH	X		0
MERCK & CO INC	COM	589331107	6,095	128,320	SH		X	0
MERCURY INTERACTIVE CORP	COM	589405109	261	5,244	SH	X		0
MERCURY INTERACTIVE CORP	COM	589405109	6	121	SH		X	0
MEREDITH CORP	COM	589433101	291	5,293	SH	X		0
MEREDITH CORP	COM	589433101	13	242	SH		X	0
MERRILL LYNCH & CO INC	COM	590188108	1,079	19,998	SH	X		0
MERRILL LYNCH & CO INC	COM	590188108	65	1,198	SH		X	0
METLIFE INC	COM	59156R108	525	14,645	SH	X		0
METLIFE INC	COM	59156R108	59	1,643	SH		X	0

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

MICHAELS STORES INC	COM	594087108	3,629	65,988	SH	X					
MICHAELS STORES INC	COM	594087108	22	400	SH					X	
MICHIGAN HERITAGE BANCORP IN	COM	59451T106	244	20,000	SH	X					
MICROSOFT CORP	COM	594918104	52,798	1,848,669	SH	X					
MICROSOFT CORP	COM	594918104	6,361	222,730	SH					X	
MIDCAP SPDR TR	UNIT SER 1	595635103	6,720	60,486	SH	X					
MIDCAP SPDR TR	UNIT SER 1	595635103	1,150	10,349	SH					X	
MINEX RES INC	COM	603470105	1	135,000	SH					X	
MODINE MFG CO	COM	607828100	21,305	668,926	SH	X					
MODINE MFG CO	COM	607828100	621	19,500	SH					X	
MOLEX INC	COM	608554101	224	6,986	SH	X					
MOLEX INC	COM	608554101	7	213	SH					X	
MOLEX INC	CL A	608554200	2,081	76,284	SH	X					
MONSANTO CO NEW	COM	61166W101	210	5,449	SH	X					
MONSANTO CO NEW	COM	61166W101	4	116	SH					X	
MOODY'S CORP	COM	615369105	426	6,583	SH	X					
MOODY'S CORP	COM	615369105	50	772	SH					X	
MORGAN STANLEY	COM NEW	617446448	10,235	193,963	SH	X					

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE (A)	SHR (B)	OTHER (C)	OT MG
MORGAN STANLEY	COM NEW	617446448	944	17,882 SH			X	
MOTOROLA INC	COM	620076109	2,136	117,046 SH	X			
MOTOROLA INC	COM	620076109	274	15,024 SH			X	
MULTIMEDIA GAMES INC	COM	625453105	1,654	61,659 SH	X			
MURPHY OIL CORP	COM	626717102	2,906	39,433 SH	X			
MURPHY OIL CORP	COM	626717102	77	1,050 SH			X	
MYLAN LABS INC	COM	628530107	3,386	167,205 SH	X			
NASDAQ 100 TR	UNIT SER 1	631100104	5,273	139,724 SH	X			
NASDAQ 100 TR	UNIT SER 1	631100104	98	2,600 SH			X	
NATCOM BANCSHARES INC	COM	633318910	545	1,080 SH	X			
NATIONAL CITY CORP	COM	635405103	9,217	263,254 SH	X			
NATIONAL CITY CORP	COM	635405103	47	1,340 SH			X	
NATIONAL SEMICONDUCTOR CORP	COM	637640103	5,986	272,192 SH	X			
NATIONAL SEMICONDUCTOR CORP	COM	637640103	119	5,430 SH			X	
NETWORKS ASSOCS INC	COM	640938106	3,468	191,280 SH	X			
NETEGRITY INC	COM	64110P107	1,483	175,321 SH	X			
NETWORK APPLIANCE INC	COM	64120L104	270	12,528 SH	X			
NETWORK APPLIANCE INC	COM	64120L104	9	405 SH			X	
NEWELL RUBBERMAID INC	COM	651229106	1,579	67,185 SH	X			
NEWELL RUBBERMAID INC	COM	651229106	183	7,804 SH			X	
NEWMONT MINING CORP	COM	651639106	295	7,621 SH	X			
NEWMONT MINING CORP	COM	651639106	82	2,119 SH			X	
NEXTEL COMMUNICATIONS INC	CL A	65332V103	764	28,655 SH	X			
NEXTEL COMMUNICATIONS INC	CL A	65332V103	22	821 SH			X	
NICOR INC	COM	654086107	1,236	36,378 SH	X			
NICOR INC	COM	654086107	29	858 SH			X	
NIKE INC	CL B	654106103	3,882	51,253 SH	X			
NIKE INC	CL B	654106103	183	2,419 SH			X	
NISOURCE INC	COM	65473P105	1,060	51,402 SH	X			
NISOURCE INC	COM	65473P105	26	1,240 SH			X	
NOKIA CORP	SPONSORED ADR	654902204	338	23,253 SH	X			

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

NOKIA CORP	SPONSORED ADR	654902204	105	7,245	SH		X	0
NOBLE ENERGY INC	COM	655044105	7,691	150,813	SH	X		0
NOBLE ENERGY INC	COM	655044105	15	300	SH		X	0
NOBLE METAL GROUP INC	COM	65506F108	3	50,000	SH	X		0
NORDSON CORP	COM	655663102	2,466	56,854	SH	X		0
NORDSTROM INC	COM	655664100	373	8,765	SH	X		0
NORDSTROM INC	COM	655664100	12	274	SH		X	0
NORFOLK SOUTHERN CORP	COM	655844108	529	19,945	SH	X		0
NORFOLK SOUTHERN CORP	COM	655844108	24	888	SH		X	0
NORTEL NETWORKS CORP NEW	COM	656568102	371	74,350	SH	X		0
NORTH AMERN GROUP LTD	PART COM	656867108	0	11,348	SH	X		0
NORTH AMERN GROUP LTD	PART COM	656867108	0	48	SH		X	0
NORTH FORK BANCORPORATION NY	COM	659424105	335	8,799	SH	X		0
NORTH FORK BANCORPORATION NY	COM	659424105	133	3,485	SH		X	0
NORTHERN TR CORP	COM	665859104	1,168	27,621	SH	X		0
NORTHERN TR CORP	COM	665859104	127	3,010	SH		X	0
NORTHROP GRUMMAN CORP	COM	666807102	9,204	171,402	SH	X		0
NORTHROP GRUMMAN CORP	COM	666807102	348	6,486	SH		X	0
NUCOR CORP	COM	670346105	9,535	124,216	SH	X		0
NUCOR CORP	COM	670346105	13	168	SH		X	0
NVIDIA CORP	COM	67066G104	253	12,337	SH	X		0
NVIDIA CORP	COM	67066G104	12	602	SH		X	0
O CHARLEYS INC	COM	670823103	1,411	82,103	SH	X		0
OSI PHARMACEUTICALS INC	COM	671040103	2,127	30,200	SH	X		0
OCCIDENTAL PETE CORP DEL	COM	674599105	1,943	40,139	SH	X		0
OCCIDENTAL PETE CORP DEL	COM	674599105	211	4,357	SH		X	0
OFFICE DEPOT INC	COM	676220106	2,387	133,293	SH	X		0
OFFICE DEPOT INC	COM	676220106	1	50	SH		X	0
OLD NATL BANCORP IND	COM	680033107	360	14,483	SH	X		0
OLD REP INTL CORP	COM	680223104	92	3,898	SH	X		0
OLD REP INTL CORP	COM	680223104	7,256	305,903	SH		X	0
OMNICARE INC	COM	681904108	5,420	126,597	SH	X		0
OMNICARE INC	COM	681904108	12	280	SH		X	0
OMNICOM GROUP INC	COM	681919106	397	5,225	SH	X		0
OMNICOM GROUP INC	COM	681919106	62	813	SH		X	0
OPEN SOLUTIONS INC	COM	68371P102	1,667	66,720	SH	X		0
ORACLE CORP	COM	68389X105	10,729	899,344	SH	X		0
ORACLE CORP	COM	68389X105	1,048	87,806	SH		X	0
OSHKOSH TRUCK CORP	COM	688239201	200	3,488	SH	X		0
OSHKOSH TRUCK CORP	COM	688239201	1,307	22,800	SH		X	0
OUTBACK STEAKHOUSE INC	COM	689899102	5,331	128,904	SH	X		0
OUTBACK STEAKHOUSE INC	COM	689899102	303	7,315	SH		X	0
PG&E CORP	COM	69331C108	273	9,762	SH	X		0
PG&E CORP	COM	69331C108	3	96	SH		X	0
PMI GROUP INC	COM	69344M101	569	13,067	SH	X		0
PMI GROUP INC	COM	69344M101	87	2,000	SH		X	0
PNC FINL SVCS GROUP INC	COM	693475105	5,021	94,599	SH	X		0
PNC FINL SVCS GROUP INC	COM	693475105	72	1,350	SH		X	0
PPG INDS INC	COM	693506107	2,970	47,527	SH	X		0
PPG INDS INC	COM	693506107	282	4,508	SH		X	0
PPL CORP	COM	69351T106	2,574	56,073	SH	X		0
PPL CORP	COM	69351T106	13	284	SH		X	0
PACCAR INC	COM	693718108	200	3,443	SH	X		0
PACCAR INC	COM	693718108	4	65	SH		X	0
PACER INTL INC TENN	COM	69373H106	2,560	138,400	SH	X		0
PACIFIC SUNWEAR CALIF INC	COM	694873100	1,431	73,062	SH	X		0
PACKAGING CORP AMER	COM	695156109	6,619	276,960	SH	X		0
PANERA BREAD CO	CL A	69840W108	1,663	46,350	SH	X		0
PANERA BREAD CO	CL A	69840W108	39	1,100	SH		X	0
PAR PHARMACEUTICAL COS INC	COM	69888P106	1,533	43,535	SH	X		0
PARKER HANNIFIN CORP	COM	701094104	21,089	354,672	SH	X		0
PARKER HANNIFIN CORP	COM	701094104	685	11,525	SH		X	0

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

PATTERSON DENTAL CO COM 703412106 286 3,744 SH X

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE (A)	SHR (B)	OTHER (C)	MG
PATTERSON DENTAL CO	COM	703412106	31	400 SH			X	0
PAYCHEX INC	COM	704326107	513	15,143 SH	X			0
PAYCHEX INC	COM	704326107	10	309 SH			X	0
PENNEY J C INC	COM	708160106	10,081	266,974 SH	X			0
PENNEY J C INC	COM	708160106	593	15,716 SH			X	0
PEOPLES ENERGY CORP	COM	711030106	1,742	41,327 SH	X			0
PEOPLES ENERGY CORP	COM	711030106	5	129 SH			X	0
PEPSICO INC	COM	713448108	20,153	374,028 SH	X			0
PEPSICO INC	COM	713448108	3,277	60,813 SH			X	0
PERFORMANCE FOOD GROUP CO	COM	713755106	5,653	213,000 SH	X			0
PERKINELMER INC	COM	714046109	1,074	53,616 SH	X			0
PERKINELMER INC	COM	714046109	9	434 SH			X	0
PETCO ANIMAL SUPPLIES	COM NEW	716016209	1,487	46,180 SH	X			0
PETSMART INC	COM	716768106	2,481	76,454 SH	X			0
PETSMART INC	COM	716768106	9	270 SH			X	0
PFIZER INC	COM	717081103	49,554	1,445,563 SH	X			0
PFIZER INC	COM	717081103	7,579	221,103 SH			X	0
PHARMACEUTICAL HLDRS TR	DEPOSITRY RCPT	71712A206	4,067	52,000 SH	X			0
PHOTOCANNEL NETWORKS INC	COM	719316101	3	32,800 SH	X			0
PIER 1 IMPORTS INC	COM	720279108	3,444	194,711 SH	X			0
PINNACLE WEST CAP CORP	COM	723484101	1,863	46,133 SH	X			0
PINNACLE WEST CAP CORP	COM	723484101	20	500 SH			X	0
PITNEY BOWES INC	COM	724479100	2,692	60,833 SH	X			0
PITNEY BOWES INC	COM	724479100	31	701 SH			X	0
PLUM CREEK TIMBER CO INC	COM	729251108	2,584	79,306 SH	X			0
PLUM CREEK TIMBER CO INC	COM	729251108	111	3,421 SH			X	0
POLYCOM INC	COM	73172K104	2,664	118,860 SH	X			0
POLYCOM INC	COM	73172K104	7	300 SH			X	0
POWELL INDS INC	COM	739128106	482	28,200 SH			X	0
POWER INTEGRATIONS INC	COM	739276103	1,415	56,818 SH	X			0
PRAXAIR INC	COM	74005P104	5,372	134,615 SH	X			0
PRAXAIR INC	COM	74005P104	7	184 SH			X	0
PRECISION CASTPARTS CORP	COM	740189105	3,329	60,873 SH	X			0
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	449	12,911 SH	X			0
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	5	147 SH			X	0
PROCTER & GAMBLE CO	COM	742718109	22,768	418,222 SH	X			0
PROCTER & GAMBLE CO	COM	742718109	3,625	66,588 SH			X	0
PROGRESS ENERGY INC	COM	743263105	3,764	85,450 SH	X			0
PROGRESS ENERGY INC	COM	743263105	44	999 SH			X	0
PROGRESSIVE CORP OHIO	COM	743315103	657	7,703 SH	X			0
PROGRESSIVE CORP OHIO	COM	743315103	23	267 SH			X	0
PROQUEST COMPANY	COM	74346P102	8,736	320,600 SH	X			0
PROTECTIVE LIFE CORP	COM	743674103	9,067	234,471 SH	X			0
PROVIDIAN FINL CORP	COM	74406A102	430	29,296 SH	X			0
PROVIDIAN FINL CORP	COM	74406A102	13	892 SH			X	0
PRUDENTIAL FINL INC	COM	744320102	4,185	90,056 SH	X			0
PRUDENTIAL FINL INC	COM	744320102	26	550 SH			X	0
PUBLIC SVC ENTERPRISE GROUP	COM	744573106	2,884	72,042 SH	X			0

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

PUBLIC SVC ENTERPRISE GROUP	COM	744573106	27	667	SH		X	0
PULTE HOMES INC	COM	745867101	241	4,637	SH	X		0
PULTE HOMES INC	COM	745867101	6	111	SH		X	0
QSOUND LABS INC	COM NEW	74728C307	2,156	320,000	SH	X		0
QUALCOMM INC	COM	747525103	1,309	17,939	SH	X		0
QUALCOMM INC	COM	747525103	444	6,088	SH		X	0
QUALIFIED HSG PARTNERS LTD		747527901	20	20,000	SH	X		0
QUEST DIAGNOSTICS INC	COM	74834L100	324	3,818	SH	X		0
QUEST DIAGNOSTICS INC	COM	74834L100	35	408	SH		X	0
QUICKSILVER RESOURCES INC	COM	74837R104	1,037	15,460	SH	X		0
RSA SEC INC	COM	749719100	1,597	77,999	SH	X		0
RADIOSHACK CORP	COM	750438103	2,185	76,312	SH	X		0
RADIOSHACK CORP	COM	750438103	35	1,224	SH		X	0
RAYTHEON CO	COM NEW	755111507	5,112	142,916	SH	X		0
RAYTHEON CO	COM NEW	755111507	120	3,342	SH		X	0
RED HAT INC	COM	756577102	1,851	80,600	SH	X		0
RED HAT INC	COM	756577102	4	171	SH		X	0
REGAL BELOIT CORP	COM	758750103	14,302	642,487	SH	X		0
REGAL BELOIT CORP	COM	758750103	200	9,000	SH		X	0
REGIONS FINANCIAL CORP COM		758940100	2,373	64,921	SH	X		0
REGIONS FINANCIAL CORP COM		758940100	15	406	SH		X	0
REINSURANCE GROUP AMER INC	COM	759351109	3,276	80,580	SH	X		0
REPUBLIC SVCS INC	COM	760759100	7,954	274,852	SH	X		0
REPUBLIC SVCS INC	COM	760759100	8	280	SH		X	0
REYNOLDS R J TOB HLDGS INC	COM	76182K105	1,510	22,336	SH	X		0
REYNOLDS R J TOB HLDGS INC	COM	76182K105	4	60	SH		X	0
ROCKWELL AUTOMATION INC	COM	773903109	1,480	39,467	SH	X		0
ROCKWELL AUTOMATION INC	COM	773903109	196	5,214	SH		X	0
ROCKWELL COLLINS INC	COM	774341101	1,186	35,590	SH	X		0
ROCKWELL COLLINS INC	COM	774341101	83	2,495	SH		X	0
ROWAN COS INC	COM	779382100	2,246	92,301	SH	X		0
ROWAN COS INC	COM	779382100	1	34	SH		X	0
ROYAL DUTCH PETE CO	NY REG EUR .56	780257804	4,805	92,994	SH	X		0
ROYAL DUTCH PETE CO	NY REG EUR .56	780257804	1,646	31,848	SH		X	0
RUBY TUESDAY INC	COM	781182100	2,373	86,451	SH	X		0
SBC COMMUNICATIONS INC	COM	78387G103	40,454	1,668,218	SH	X		0
SBC COMMUNICATIONS INC	COM	78387G103	4,765	196,479	SH		X	0
SFBC INTL INC	COM	784121105	2,550	81,390	SH	X		0
SLM CORP	COM	78442P106	298	7,364	SH	X		0
SLM CORP	COM	78442P106	11	261	SH		X	0
SPDR TR	UNIT SER 1	78462F103	6,957	60,748	SH	X		0
SPDR TR	UNIT SER 1	78462F103	1,686	14,722	SH		X	0
SAFECO CORP	COM	786429100	7,820	177,730	SH	X		0
SAFECO CORP	COM	786429100	8	174	SH		X	0
SAFENET INC	COM	78645R107	2,129	76,910	SH	X		0
ST JOE CO	COM	790148100	318	8,000	SH	X		0

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE	INVESTMENT DISCRETION (A)	OTHER (B)	OTHER (C)	MG
ST JUDE MED INC	COM	790849103	4,066	53,748	SH	X			0
ST JUDE MED INC	COM	790849103	437	5,773	SH			X	0
ST PAUL TRAVELERS INC	COM	792860108	3,718	91,720	SH	X			0

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

ST PAUL TRAVELERS INC	COM	792860108	25	607	SH		X	0
SAKS INC	COM	79377W108	208	13,847	SH	X		0
SANMINA SCI CORP	COM	800907107	127	13,961	SH	X		0
SANMINA SCI CORP	COM	800907107	4	400	SH		X	0
SANTARUS INC	COM	802817304	1,512	102,540	SH	X		0
SAP AKTIENGESELLSCHAFT	SPONSORED ADR	803054204	203	4,855	SH	X		0
SAPIENT CORP	COM	803062108	1,849	307,720	SH	X		0
SARA LEE CORP	COM	803111103	8,481	368,918	SH	X		0
SARA LEE CORP	COM	803111103	609	26,503	SH		X	0
SCHERING PLOUGH CORP	COM	806605101	1,329	71,911	SH	X		0
SCHERING PLOUGH CORP	COM	806605101	508	27,497	SH		X	0
SCHLUMBERGER LTD	COM	806857108	3,000	47,233	SH	X		0
SCHLUMBERGER LTD	COM	806857108	714	11,249	SH		X	0
SCIENTIFIC ATLANTA INC	COM	808655104	4,613	133,704	SH	X		0
SCIENTIFIC ATLANTA INC	COM	808655104	5	156	SH		X	0
SEARS ROEBUCK & CO	COM	812387108	1,059	28,046	SH	X		0
SEARS ROEBUCK & CO	COM	812387108	50	1,320	SH		X	0
SECURITY NATL CORP IOWA	COM	814784104	573	7,051	SH		X	0
SELECT COMFORT CORP	COM	81616X103	1,323	46,591	SH	X		0
SELECT MEDICAL CORP	COM	816196109	4,767	355,190	SH	X		0
SEMICONDUCTOR HLDRS TR	DEP RCPT	816636203	2,855	75,480	SH	X		0
SEMPRA ENERGY	COM	816851109	2,423	70,379	SH	X		0
SEMPRA ENERGY	COM	816851109	11	323	SH		X	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	298	13,856	SH	X		0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	33	1,550	SH		X	0
SIEMENS A G	SPONSORED ADR	826197501	131	1,800	SH	X		0
SIEMENS A G	SPONSORED ADR	826197501	163	2,250	SH		X	0
SIGMA ALDRICH CORP	COM	826552101	650	10,909	SH	X		0
SIGMA ALDRICH CORP	COM	826552101	38	632	SH		X	0
SIMON PPTY GROUP INC NEW	COM	828806109	3,129	60,856	SH	X		0
SIMON PPTY GROUP INC NEW	COM	828806109	17	322	SH		X	0
SKYWORKS SOLUTIONS INC	COM	83088M102	117	13,406	SH	X		0
SMITH A O	COM	831865209	139	4,360	SH	X		0
SMITH A O	COM	831865209	254	8,000	SH		X	0
SMITHFIELD FOODS INC	COM	832248108	9,235	314,108	SH	X		0
SMUCKER J M CO	COM NEW	832696405	35	769	SH	X		0
SMUCKER J M CO	COM NEW	832696405	300	6,544	SH		X	0
SMURFIT-STONE CONTAINER CORP	COM	832727101	9,650	483,704	SH	X		0
SNAP ON INC	COM	833034101	5,853	174,465	SH	X		0
SNAP ON INC	COM	833034101	286	8,525	SH		X	0
SOLECTRON CORP	COM	834182107	65	10,000	SH	X		0
SOLECTRON CORP	COM	834182107	13	2,000	SH		X	0
SOUTHERN CO	COM	842587107	7,660	262,763	SH	X		0
SOUTHERN CO	COM	842587107	407	13,968	SH		X	0
SOUTHTRUST CORP	COM	844730101	477	12,298	SH	X		0
SOUTHTRUST CORP	COM	844730101	58	1,502	SH		X	0
SOUTHWEST BANCORPORATION TEX	COM	84476R109	1,958	44,386	SH	X		0
SOUTHWESTERN ENERGY CO	COM	845467109	2,355	82,129	SH	X		0
SOVEREIGN BANCORP INC	COM	845905108	649	29,367	SH	X		0
SPLUDE FAMILY LTD PARTNERSHI		848458907	3,300	1,320,000	SH	X		0
SPRINT CORP	COM FON GROUP	852061100	3,508	199,298	SH	X		0
SPRINT CORP	COM FON GROUP	852061100	124	7,033	SH		X	0
STANLEY WKS	COM	854616109	620	13,611	SH	X		0
STANLEY WKS	COM	854616109	4	78	SH		X	0
STAPLES INC	COM	855030102	474	16,106	SH	X		0
STAPLES INC	COM	855030102	12	416	SH		X	0
STARBUCKS CORP	COM	855244109	424	9,758	SH	X		0
STARBUCKS CORP	COM	855244109	16	364	SH		X	0
STARWOOD HOTELS&RESORTS WRLD	PAIRED CTF	85590A203	4,157	92,685	SH	X		0
STARWOOD HOTELS&RESORTS WRLD	PAIRED CTF	85590A203	2	39	SH		X	0
STATE STR CORP	COM	857477103	298	6,067	SH	X		0
STATE STR CORP	COM	857477103	7	142	SH		X	0

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

STELAX INDUSTRIES LTD	COM	858497100	3	30,000	SH	X				
STERLING FINL CORP	COM	859317109	570	21,896	SH	X				
STORA ENSO CORP	SPON ADR REP R	86210M106	980	72,183	SH	X				
STRYKER CORP	COM	863667101	733	13,319	SH	X				
STRYKER CORP	COM	863667101	665	12,092	SH				X	
SULLIFAM LIMITED PARTNERSHIP		86490A905	800	1	SH	X				
SUN MICROSYSTEMS INC	COM	866810104	73	16,769	SH	X				
SUN MICROSYSTEMS INC	COM	866810104	43	9,857	SH				X	
SUNGARD DATA SYS INC	COM	867363103	12,535	482,132	SH	X				
SUNGARD DATA SYS INC	COM	867363103	4	165	SH				X	
SUNOCO INC	COM	86764P109	308	4,846	SH	X				
SUNOCO INC	COM	86764P109	15	230	SH				X	
SUNTRUST BKS INC	COM	867914103	427	6,568	SH	X				
SUNTRUST BKS INC	COM	867914103	62	948	SH				X	
SUPERVALU INC	COM	868536103	6,864	224,251	SH	X				
SUPERVALU INC	COM	868536103	18	580	SH				X	
SURMODICS INC	COM	868873100	317	12,880	SH	X				
SWIFT TRANSN CO	COM	870756103	7,487	417,101	SH	X				
SYMANTEC CORP	COM	871503108	477	10,905	SH	X				
SYMANTEC CORP	COM	871503108	13	295	SH				X	
SYSCO CORP	COM	871829107	814	22,693	SH	X				
SYSCO CORP	COM	871829107	132	3,693	SH				X	
TECO ENERGY INC	COM	872375100	4,384	365,670	SH	X				
TECO ENERGY INC	COM	872375100	10	800	SH				X	
TJX COS INC NEW	COM	872540109	3,243	134,358	SH	X				
TJX COS INC NEW	COM	872540109	32	1,311	SH				X	
TTM TECHNOLOGIES INC	COM	87305R109	1,580	133,370	SH	X				
TARGET CORP	COM	87612E106	2,871	67,599	SH	X				
TARGET CORP	COM	87612E106	1,476	34,754	SH				X	

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	SOLE (A)	SHR (B)	OTHER (C)	OT MG
TECUMSEH PRODS CO	CL A	878895200	1	25 SH	X			
TECUMSEH PRODS CO	CL A	878895200	227	5,506 SH			X	
TEMPUR PEDIC INTL INC	COM	88023U101	5,400	385,420 SH	X			
TEVA PHARMACEUTICAL INDS LTD	ADR	881624209	5,374	80,000 SH	X			
TEVA PHARMACEUTICAL INDS LTD	ADR	881624209	9	140 SH			X	
TEXAS INSTRS INC	COM	882508104	2,206	91,239 SH	X			
TEXAS INSTRS INC	COM	882508104	589	24,347 SH			X	
TEXTRON INC	COM	883203101	221	3,726 SH	X			
TEXTRON INC	COM	883203101	2	34 SH			X	
THERMO ELECTRON CORP	COM	883556102	201	6,541 SH	X			
THERMO ELECTRON CORP	COM	883556102	4	115 SH			X	
THIRD WAVE TECHNOLOGIES INC	COM	88428W108	7	1,500 SH	X			
THIRD WAVE TECHNOLOGIES INC	COM	88428W108	161	36,500 SH			X	
3M CO	COM	88579Y101	32,163	357,323 SH	X			
3M CO	COM	88579Y101	5,315	59,052 SH			X	
TIBCO SOFTWARE INC	COM	88632Q103	2,122	251,180 SH	X			
TIFFANY & CO NEW	COM	886547108	212	5,746 SH	X			
TIFFANY & CO NEW	COM	886547108	1	24 SH			X	
TIME WARNER INC	COM	887317105	22,173	1,261,244 SH	X			
TIME WARNER INC	COM	887317105	779	44,289 SH			X	

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

TORCHMARK CORP	COM	891027104	402	7,468	SH	X		0
TORCHMARK CORP	COM	891027104	12	225	SH		X	0
TRAMMELL CROW CO	COM	89288R106	2,094	148,500	SH	X		0
TRANSTEXAS GAS CORP COM		893895102	3	10,000	SH	X		0
TRI CITY BANKSHARES CORP	CMT-COM	895364107	218	8,880	SH	X		0
TRI CITY BANKSHARES CORP	CMT-COM	895364107	988	40,335	SH		X	0
TRIAD HOSPITALS INC	COM	89579K109	5,288	142,031	SH	X		0
TRIBUNE CO NEW	COM	896047107	278	6,108	SH	X		0
TRIBUNE CO NEW	COM	896047107	360	7,907	SH		X	0
TUESDAY MORNING CORP	COM NEW	899035505	1,488	51,310	SH	X		0
TUPPERWARE CORP	COM	899896104	318	16,380	SH	X		0
TUPPERWARE CORP	COM	899896104	643	33,073	SH		X	0
TYCO INTL LTD NEW	COM	902124106	6,211	187,416	SH	X		0
TYCO INTL LTD NEW	COM	902124106	680	20,508	SH		X	0
UST INC	COM	902911106	2,171	60,300	SH	X		0
UST INC	COM	902911106	79	2,201	SH		X	0
US BANCORP DEL	COM NEW	902973304	16,478	597,903	SH	X		0
US BANCORP DEL	COM NEW	902973304	2,523	91,537	SH		X	0
ULTRA PETROLEUM CORP	COM	903914109	3,009	80,610	SH	X		0
ULTRA PETROLEUM CORP	COM	903914109	15	400	SH		X	0
UNION PAC CORP	COM	907818108	674	11,345	SH	X		0
UNION PAC CORP	COM	907818108	173	2,916	SH		X	0
UNION PLANTERS CORP COM		908068109	1,428	47,890	SH	X		0
UNION PLANTERS CORP COM		908068109	2	80	SH		X	0
UNIONFED FINL CORP	COM NEW	909062200	0	3,000	SH	X		0
UNIONFED FINL CORP	COM NEW	909062200	0	9,000	SH		X	0
UNITED PARCEL SERVICE INC	CL B	911312106	10,016	133,248	SH	X		0
UNITED PARCEL SERVICE INC	CL B	911312106	246	3,272	SH		X	0
UNITED TECHNOLOGIES CORP	COM	913017109	4,068	44,473	SH	X		0
UNITED TECHNOLOGIES CORP	COM	913017109	1,200	13,119	SH		X	0
UNITEDHEALTH GROUP INC	COM	91324P102	1,224	19,660	SH	X		0
UNITEDHEALTH GROUP INC	COM	91324P102	23	374	SH		X	0
UNIVERSAL TECHNICAL INST INC	COM	913915104	400	10,000	SH	X		0
UNIVISION COMMUNICATIONS INC	CL A	914906102	261	8,169	SH	X		0
UNIVISION COMMUNICATIONS INC	CL A	914906102	5	161	SH		X	0
V F CORP	COM	918204108	997	20,469	SH	X		0
V F CORP	COM	918204108	1	24	SH		X	0
VAL VISTA L.P.		91884A909	0	14,666	SH	X		0
VARIAN SEMICONDUCTOR EQUIPMN	COM	922207105	1,189	30,835	SH	X		0
VAXGEN INC	COM NEW	922390208	799	56,410	SH	X		0
VERIZON COMMUNICATIONS	COM	92343V104	45,528	1,258,039	SH	X		0
VERIZON COMMUNICATIONS	COM	92343V104	2,801	77,402	SH		X	0
VIAD CORP	COM	92552R109	18,396	681,075	SH	X		0
VIACOM INC	CL B	925524308	3,906	109,360	SH	X		0
VIACOM INC	CL B	925524308	256	7,155	SH		X	0
VODAFONE GROUP PLC NEW	SPONSORED ADR	92857W100	481	21,755	SH	X		0
VODAFONE GROUP PLC NEW	SPONSORED ADR	92857W100	89	4,025	SH		X	0
WPS RESOURCES CORP	COM	92931B106	1,636	35,288	SH	X		0
WPS RESOURCES CORP	COM	92931B106	372	8,030	SH		X	0
WACHOVIA CORP 2ND NEW	COM	929903102	18,972	426,326	SH	X		0
WACHOVIA CORP 2ND NEW	COM	929903102	173	3,881	SH		X	0
WAL MART STORES INC	COM	931142103	23,643	448,124	SH	X		0
WAL MART STORES INC	COM	931142103	3,805	72,122	SH		X	0
WALGREEN CO	COM	931422109	16,674	460,493	SH	X		0
WALGREEN CO	COM	931422109	5,401	149,153	SH		X	0
WASHINGTON MUT INC	COM	939322103	12,204	315,843	SH	X		0
WASHINGTON MUT INC	COM	939322103	53	1,374	SH		X	0
WATERS CORP	COM	941848103	267	5,582	SH	X		0
WATERS CORP	COM	941848103	10	206	SH		X	0
WATSON WYATT & CO HLDGS	CL A	942712100	8,692	326,149	SH	X		0
WAUSAU-MOSINEE PAPER CORP	COM	943315101	3,226	186,483	SH	X		0
WAUSAU-MOSINEE PAPER CORP	COM	943315101	5,153	297,846	SH		X	0

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

WELLPOINT HEALTH NETWORK NEW	COM	94973H108	437	3,902	SH	X			
WELLPOINT HEALTH NETWORK NEW	COM	94973H108	14	121	SH			X	
WELLS FARGO & CO NEW	COM	949746101	39,474	689,746	SH	X			
WELLS FARGO & CO NEW	COM	949746101	2,887	50,448	SH			X	
WENDYS INTL INC	COM	950590109	2,990	85,829	SH	X			
WENDYS INTL INC	COM	950590109	6	164	SH			X	
WESCO INTL INC	COM	95082P105	1,227	66,670	SH	X			
WEST SUBN BANCORP INC COM		956152409	504	793	SH	X			
WEYERHAEUSER CO	COM	962166104	10,598	167,904	SH	X			
WEYERHAEUSER CO	COM	962166104	1,872	29,662	SH			X	
WHIRLPOOL CORP	COM	963320106	328	4,783	SH	X			
WHIRLPOOL CORP	COM	963320106	650	9,476	SH			X	

REPORT PTR289 98 MARSHALL & ILSLEY TRUST CO N.A. SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	INVESTMENT DISCRETION			OT
					SOLE (A)	SHR (B)	OTHER (C)	
WHITEHALL JEWELLERS INC	COM	965063100	150	20,000	SH	X		
WILLIAMS COS INC DEL	COM	969457100	195	16,393	SH	X		
WILLIAMS COS INC DEL	COM	969457100	71	5,927	SH			X
WILLIAMS SONOMA INC	COM	969904101	3,846	116,683	SH	X		
WISCONSIN ENERGY CORP	COM	976657106	3,745	114,854	SH	X		
WISCONSIN ENERGY CORP	COM	976657106	1,214	37,243	SH			X
WORLDCOM INC WORLDCOM GROUP	COM	98157D106	0	12,404	SH	X		
WORLDCOM INC WORLDCOM GROUP	COM	98157D106	0	1,500	SH			X
WORTHINGTON INDS INC	COM	981811102	1,250	60,909	SH	X		
WORTHINGTON INDS INC	COM	981811102	3	127	SH			X
WRIGHT MED GROUP INC	COM	98235T107	2,190	61,520	SH	X		
WRIGLEY WM JR CO	COM	982526105	441	6,990	SH	X		
WRIGLEY WM JR CO	COM	982526105	1,768	28,044	SH			X
WYETH	COM	983024100	6,289	173,916	SH	X		
WYETH	COM	983024100	2,073	57,319	SH			X
XTO ENERGY INC	COM	98385X106	45	1,495	SH	X		
XTO ENERGY INC	COM	98385X106	413	13,852	SH			X
XCEL ENERGY INC	COM	98389B100	9,051	541,628	SH	X		
XCEL ENERGY INC	COM	98389B100	104	6,235	SH			X
XEROX CORP	COM	984121103	7,013	483,644	SH	X		
XEROX CORP	COM	984121103	29	2,027	SH			X
YAHOO INC	COM	984332106	1,238	34,007	SH	X		
YAHOO INC	COM	984332106	60	1,647	SH			X
YUM BRANDS INC	COM	988498101	258	6,936	SH	X		
YUM BRANDS INC	COM	988498101	86	2,317	SH			X
ZEBRA TECHNOLOGIES CORP	CL A	989207105	47	545	SH	X		
ZEBRA TECHNOLOGIES CORP	CL A	989207105	157	1,800	SH			X
ZIEGLER INC	COM	989506100	18	1,000	SH	X		
ZIEGLER INC	COM	989506100	3,017	167,605	SH			X
ZIMMER HLDGS INC	COM	98956P102	8,914	101,063	SH	X		
ZIMMER HLDGS INC	COM	98956P102	1,050	11,903	SH			X
ACCELERATED HIGH YIELD INSTI		9960059T3	65	65,000	SH	X		

FINAL TOTALS

3,651,667
=====

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

REPORT PTR289 9W M&I INVESTMENT MANAGEMENT CORP SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	INVESTMENT DISCRETION SOLE SHR OTHER OT (A) (B) (C) MG
ALTRIA GROUP INC	COM	02209S103	332	6,637 SH	X
AMERICAN EXPRESS CO	COM	025816109	200	3,900 SH	X
AMERICAN INTL GROUP INC	COM	026874107	214	3,000 SH	X
BANK OF AMERICA CORPORATION	COM	060505104	235	2,781 SH	X
BOEING CO	COM	097023105	230	4,500 SH	X
CHEVRONTEXACO CORP	COM	166764100	347	3,685 SH	X
CITIGROUP INC	COM	172967101	256	5,500 SH	X
COUNTRYWIDE FINANCIAL CORP	COM	222372104	339	4,829 SH	X
EXXON MOBIL CORP	COM	30231G102	320	7,200 SH	X
FEDERAL HOME LN MTG CORP	COM	313400301	228	3,600 SH	X
GENERAL ELEC CO	COM	369604103	421	13,000 SH	X
GILLETTE CO	COM	375766102	254	6,000 SH	X
HARLEY DAVIDSON INC	COM	412822108	235	3,800 SH	X
INTEL CORP	COM	458140100	276	10,000 SH	X
JOHNSON & JOHNSON	COM	478160104	223	4,000 SH	X
KOHL'S CORP	COM	500255104	203	4,800 SH	X
LEXMARK INTL NEW	CL A	529771107	212	2,200 SH	X
MANPOWER INC	COM	56418H100	210	4,140 SH	X
MERCK & CO INC	COM	589331107	415	8,739 SH	X
MICROSOFT CORP	COM	594918104	411	14,400 SH	X
ORACLE CORP	COM	68389X105	143	12,000 SH	X
PARKER HANNIFIN CORP	COM	701094104	206	3,460 SH	X
PFIZER INC	COM	717081103	314	9,160 SH	X
QUICKSILVER RESOURCES INC	COM	74837R104	731	10,900 SH	X
SBC COMMUNICATIONS INC	COM	78387G103	303	12,495 SH	X
3M CO	COM	88579Y101	207	2,300 SH	X
VERIZON COMMUNICATIONS	COM	92343V104	298	8,241 SH	X
WELLS FARGO & CO NEW	COM	949746101	317	5,534 SH	X
FINAL TOTALS			8,080		

REPORT PTR289 7R M&I NATIONAL TRUST SECURITIES AND EXCHANGE COMMISSION FORM 13F
AS OF 06/30/04

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHS OR PRN AMT	INVESTMENT DISCRETION SOLE SHR OTHER OT (A) (B) (C) MG
NO REPORT RECORDS EXIST FOR THIS REQUEST					