

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 INVESTMENT 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 DISCRETION (A)	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 DISCRETION (A)	OTHER (B)	OTHER (C)	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 SOLUTIONS	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

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

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					
KENNAMETAL INC	COM	489170100	5,264	114,932 SH	X					
KENNAMETAL INC	COM	489170100	302	6,585 SH				X		
KERR MCGEE CORP	COM	492386107	4,366	81,203 SH	X					
KERR MCGEE CORP	COM	492386107	61	1,134 SH				X		
KEYCORP NEW	COM	493267108	4,579	153,179 SH	X					
KEYCORP NEW	COM	493267108	22	733 SH				X		
KEYSPAN CORP	COM	49337W100	2,492	67,904 SH	X					
KEYSPAN CORP	COM	49337W100	41	1,129 SH				X		
KIMBERLY CLARK CORP	COM	494368103	32,898	499,367 SH	X					
KIMBERLY CLARK CORP	COM	494368103	6,332	96,117 SH				X		
KINDER MORGAN MANAGEMENT LLC	SHS	49455U100	4,851	131,930 SH	X					
KINDER MORGAN ENERGY PARTNER	UT LTD PARTNER	494550106	328	8,056 SH	X					
KINDER MORGAN ENERGY PARTNER	UT LTD PARTNER	494550106	386	9,480 SH				X		
KINETIC CONCEPTS INC	COM NEW	49460W208	3,770	75,560 SH	X					
KOHL'S CORP	COM	500255104	19,101	451,770 SH	X					
KOHL'S CORP	COM	500255104	2,565	60,674 SH				X		
KROGER CO	COM	501044101	4,652	255,626 SH	X					
KROGER CO	COM	501044101	2	91 SH				X		
KRONOS INC	COM	501052104	2,559	62,100 SH	X					
LANDRYS RESTAURANTS INC	COM	51508L103	2,008	67,172 SH	X					
LAUDER ESTEE COS INC	CL A	518439104	9,007	184,652 SH	X					
LAUDER ESTEE COS INC	CL A	518439104	573	11,743 SH				X		
LECG CORP	COM	523234102	1,333	77,000 SH	X					
LEHMAN BROS HLDGS INC	COM	524908100	412	5,477 SH	X					
LEHMAN BROS HLDGS INC	COM	524908100	12	158 SH				X		
LEXMARK INTL NEW	CL A	529771107	4,561	47,249 SH	X					
LEXMARK INTL NEW	CL A	529771107	253	2,623 SH				X		
LILLY ELI & CO	COM	532457108	9,558	136,722 SH	X					
LILLY ELI & CO	COM	532457108	2,405	34,397 SH				X		
LINCOLN NATL CORP IND	COM	534187109	5,329	112,791 SH	X					
LINCOLN NATL CORP IND	COM	534187109	506	10,712 SH				X		
LINEAR TECHNOLOGY CORP	COM	535678106	302	7,645 SH	X					
LINEAR TECHNOLOGY CORP	COM	535678106	12	306 SH				X		
LIZ CLAIBORNE INC	COM	539320101	2,432	67,587 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	SOLE (A)	SHR (B)	OTHER (C)	OT (D)	MG
LIZ CLAIBORNE INC	COM	539320101	4	116 SH					X	
LIZZADRO FARMS INC COM		53933A900	71	13,901 SH	X					
LOCATEPLUS HOLDINGS CORP	CL B	539570200	11	30,000 SH	X					
LOCKHEED MARTIN CORP	COM	539830109	547	10,510 SH	X					
LOCKHEED MARTIN CORP	COM	539830109	127	2,431 SH				X		
LONGVIEW FIBRE CO	COM	543213102	577	39,138 SH	X					
LOWES COS INC	COM	548661107	5,766	109,715 SH	X					
LOWES COS INC	COM	548661107	465	8,852 SH				X		
LUCENT TECHNOLOGIES INC	COM	549463107	76	20,084 SH	X					
LUCENT TECHNOLOGIES INC	COM	549463107	49	13,064 SH				X		
MBIA INC	COM	55262C100	192	3,357 SH	X					
MBIA INC	COM	55262C100	292	5,119 SH				X		
MBNA CORP	COM	55262L100	626	24,283 SH	X					
MBNA CORP	COM	55262L100	385	14,944 SH				X		

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

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

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	OTHER	MG
					(A)	(B)	(C)	
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

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 (A) (B) (C)	MG
ALTRIA GROUP INC	COM	02209S103	332	6,637 SH	X	0
AMERICAN EXPRESS CO	COM	025816109	200	3,900 SH	X	0
AMERICAN INTL GROUP INC	COM	026874107	214	3,000 SH	X	0
BANK OF AMERICA CORPORATION	COM	060505104	235	2,781 SH	X	0
BOEING CO	COM	097023105	230	4,500 SH	X	0
CHEVRONTEXACO CORP	COM	166764100	347	3,685 SH	X	0
CITIGROUP INC	COM	172967101	256	5,500 SH	X	0
COUNTRYWIDE FINANCIAL CORP	COM	222372104	339	4,829 SH	X	0
EXXON MOBIL CORP	COM	30231G102	320	7,200 SH	X	0
FEDERAL HOME LN MTG CORP	COM	313400301	228	3,600 SH	X	0
GENERAL ELEC CO	COM	369604103	421	13,000 SH	X	0
GILLETTE CO	COM	375766102	254	6,000 SH	X	0
HARLEY DAVIDSON INC	COM	412822108	235	3,800 SH	X	0
INTEL CORP	COM	458140100	276	10,000 SH	X	0
JOHNSON & JOHNSON	COM	478160104	223	4,000 SH	X	0
KOHL'S CORP	COM	500255104	203	4,800 SH	X	0
LEXMARK INTL NEW	CL A	529771107	212	2,200 SH	X	0
MANPOWER INC	COM	56418H100	210	4,140 SH	X	0
MERCK & CO INC	COM	589331107	415	8,739 SH	X	0
MICROSOFT CORP	COM	594918104	411	14,400 SH	X	0
ORACLE CORP	COM	68389X105	143	12,000 SH	X	0
PARKER HANNIFIN CORP	COM	701094104	206	3,460 SH	X	0
PFIZER INC	COM	717081103	314	9,160 SH	X	0
QUICKSILVER RESOURCES INC	COM	74837R104	731	10,900 SH	X	0
SBC COMMUNICATIONS INC	COM	78387G103	303	12,495 SH	X	0
3M CO	COM	88579Y101	207	2,300 SH	X	0
VERIZON COMMUNICATIONS	COM	92343V104	298	8,241 SH	X	0
WELLS FARGO & CO NEW	COM	949746101	317	5,534 SH	X	0
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 (A) (B) (C)	MG
NO REPORT RECORDS EXIST FOR THIS REQUEST						