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MARSHALL & ILSLEY CORP/WI/
Form 13F-HR/A
February 10, 2006

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

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 12/31/2005

Check here if Amendment [X]; Amendment Number: 1

This Amendment (Check only one.): [X] 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 02/08/2006
[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:

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Number of Other Included Managers: 3
 Form 13F Information Table Entry Total: 1,421
 Form 13F Information Table Value Total: \$ 4,096,143
 (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

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MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2005

--- COLUMN 1 --- COLUMN 2 --- COLUMN 3 --- COLUMN 4 --- COLUMN 5 --- COLUMN 6 --- COLUMN 7 ---

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION			
						SHR (B)	OTHR (C)	OTHR (D)	MGRS (E)
ACE LTD	ORD	G0070K103	11,960	223,804	SH	X			1
ACE LTD	ORD	G0070K103	17	312	SH			X	1
ASSURED GUARANTY LTD	COM	G0585R106	4,183	164,746	SH	X			1
COOPER INDS LTD	CL A	G24182100	1,126	15,429	SH	X			1
COOPER INDS LTD	CL A	G24182100	10	137	SH			X	1
GLOBALSANTAFE CORP	SHS	G3930E101	8,248	171,294	SH	X			1
GLOBALSANTAFE CORP	SHS	G3930E101	1,082	22,470	SH			X	1
INGERSOLL-RAND COMPANY	CL A	G4776G101	494	12,241	SH	X			1
INGERSOLL-RAND COMPANY	CL A	G4776G101	69	1,704	SH			X	1
NABORS INDUSTRIES LTD	SHS	G6359F103	2,225	29,372	SH	X			1
NABORS INDUSTRIES LTD	SHS	G6359F103	18	232	SH			X	1
NOBLE CORPORATION	SHS	G65422100	13,004	184,352	SH	X			1

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NOBLE CORPORATION	SHS	G65422100	3	41	SH		X	1
ORIENT-EXPRESS HOTELS	CL A	G67743107	400	12,700	SH	X		1
PARTNERRE LTD	COM	G6852T105	15,158	230,824	SH	X		1
PARTNERRE LTD	COM	G6852T105	44	665	SH		X	1
RENAISSANCERE HOLDINGS	COM	G7496G103	8,456	191,711	SH	X		1
RENAISSANCERE HOLDINGS	COM	G7496G103	424	9,613	SH		X	1
TRANSOCEAN INC	ORD	G90078109	486	6,971	SH	X		1
TRANSOCEAN INC	ORD	G90078109	245	3,514	SH		X	1
VISTAPRINT LIMITED	SHS	G93762204	1,540	67,701	SH	X		1
WEATHERFORD INTERNATNL	COM	G95089101	204	5,633	SH	X		1
WEATHERFORD INTERNATNL	COM	G95089101	98	2,700	SH		X	1
WILLIS GROUP HOLDINGS	SHS	G96655108	1,314	35,576	SH	X		1
XL CAP LTD	CL A	G98255105	18,210	270,257	SH	X		1
XL CAP LTD	CL A	G98255105	724	10,739	SH		X	1
UBS AG	NAMEN AKT	H8920M855	657	6,904	SH	X		1
UBS AG	NAMEN AKT	H8920M855	342	3,591	SH		X	1
CHECK POINT SOFTWARE	ORD	M22465104	88	4,400	SH	X		1
CHECK POINT SOFTWARE	ORD	M22465104	269	13,430	SH		X	1
M SYS FLASH DISK PIONRS	ORD	M7061C100	1,035	31,246	SH	X		1
SYNERON MEDICAL LTD	ORD SHS	M87245102	1,421	44,763	SH	X		1
AAR CORP	COM	000361105	2,984	124,610	SH	X		1
AFLAC INC	COM	001055102	643	13,857	SH	X		1
AFLAC INC	COM	001055102	120	2,595	SH		X	1
AES CORP	COM	00130H105	563	35,572	SH	X		1
AES CORP	COM	00130H105	23	1,463	SH		X	1
AT&T INC	COM	00206R102	24,443	998,063	SH	X		1
AT&T INC	COM	00206R102	3,205	130,854	SH		X	1
ABBOTT LABS	COM	002824100	23,525	596,618	SH	X		1
ABBOTT LABS	COM	002824100	2,569	65,150	SH		X	1
ABERCROMBIE & FITCH CO	CL A	002896207	1,708	26,203	SH	X		1
ABERDEEN ASIA PACIFIC	COM	003009107	92	15,017	SH	X		1
ACACIA RESH CORP	ACACIA TCH COM	003881307	2,551	369,724	SH	X		1
ACTIVISION INC NEW	COM NEW	004930202	1,967	143,168	SH	X		1
ADESA INC	COM	00686U104	238	9,751	SH	X		1
ADESA INC	COM	00686U104	11	460	SH		X	1
ADEZA BIOMEDICAL CORP	COM	006864102	1,338	63,562	SH	X		1
ADOBE SYS INC	COM	00724F101	852	23,056	SH	X		1
ADOBE SYS INC	COM	00724F101	96	2,596	SH		X	1
ADVANCE AUTO PARTS INC	COM	00751Y106	2,421	55,700	SH	X		1
ADVANTAGE ENERGY INC FD	TR UNIT	00762L101	440	24,010	SH	X		1
ADVANCED MICRO DEVICES	INCCOM	007903107	608	19,859	SH	X		1
ADVANCED MICRO DEVICES	INCCOM	007903107	7	233	SH		X	1
AEGON N V	ORD AMER REG	007924103	45	2,769	SH	X		1
AEGON N V	ORD AMER REG	007924103	266	16,280	SH		X	1
AETNA INC NEW	COM	00817Y108	3,839	40,703	SH	X		1
AETNA INC NEW	COM	00817Y108	647	6,864	SH		X	1
AFFILIATED CMPTR SRVCS	CL A	008190100	334	5,651	SH	X		1
AFFILIATED CMPTR SRVCS	CL A	008190100	7	115	SH		X	1
AFFILIATED MGRS GROUP	COM	008252108	5,982	74,548	SH	X		1
AFFILIATED MGRS GROUP	COM	008252108	7	81	SH		X	1
AGILENT TECHNOLOGIES	COM	00846U101	2,200	66,099	SH	X		1
AGILENT TECHNOLOGIES	COM	00846U101	16	467	SH		X	1
AIR PRODS & CHEMS INC	COM	009158106	668	11,291	SH	X		1
AIR PRODS & CHEMS INC	COM	009158106	1,086	18,353	SH		X	1
AIRGAS INC	COM	009363102	274	8,324	SH	X		1
AKAMAI TECHNOLOGIES INC	COM	00971T101	4,409	221,248	SH	X		1
ALBERTO CULVER CO	COM	013068101	415	9,066	SH	X		1
ALBERTO CULVER CO	COM	013068101	2	34	SH		X	1
ALBERTSONS INC	COM	013104104	379	17,741	SH	X		1
ALBERTSONS INC	COM	013104104	57	2,688	SH		X	1
ALCOA INC	COM	013817101	10,607	358,705	SH	X		1
ALCOA INC	COM	013817101	1,646	55,664	SH		X	1

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ALLEGHENY ENERGY INC	COM	017361106	645	20,393	SH	X			1
ALLEGHENY ENERGY INC	COM	017361106	9	290	SH			X	1
ALLEGHENY TECHNOLOGIES	COM	01741R102	214	5,920	SH	X			1
ALLEGHENY TECHNOLOGIES	COM	01741R102	15	403	SH			X	1
ALLERGAN INC	COM	018490102	3,624	33,565	SH	X			1
ALLERGAN INC	COM	018490102	4	40	SH			X	1
ALLIANCE CAP MGMT HLDG	UNIT LTD PARTN	01855A101	119	2,100	SH	X			1
ALLIANCE CAP MGMT HLDG	UNIT LTD PARTN	01855A101	209	3,700	SH			X	1
ALLIANCE DATA SYSTEMS	COM	018581108	1,108	31,129	SH	X			1
ALLIANT ENERGY CORP	COM	018802108	2,202	78,521	SH	X			1
ALLIANT ENERGY CORP	COM	018802108	223	7,970	SH			X	1
ALLSTATE CORP	COM	020002101	3,149	58,237	SH	X			1
ALLSTATE CORP	COM	020002101	626	11,577	SH			X	1
ALLTEL CORP	COM	020039103	13,889	220,108	SH	X			1
ALLTEL CORP	COM	020039103	64	1,019	SH			X	1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

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

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION			OTHER MGRS
						SHR (B)	OTHR (C)	OTHR	
ALTERA CORP	COM	021441100	284	15,352	SH	X			1
ALTERA CORP	COM	021441100	4	193	SH			X	1
ALTRIA GROUP INC	COM	02209S103	43,679	584,568	SH	X			1
ALTRIA GROUP INC	COM	02209S103	13,894	185,946	SH			X	1
ALUMINA LTD	SPONSORED ADR	022205108	290	13,286	SH			X	1
AMBAC FINL GROUP INC	COM	023139108	12,790	165,978	SH	X			1
AMBAC FINL GROUP INC	COM	023139108	8	102	SH			X	1
AMERADA HESS CORP	COM	023551104	1,252	9,874	SH	X			1
AMERADA HESS CORP	COM	023551104	10	75	SH			X	1
AMEREN CORP	COM	023608102	1,830	35,709	SH	X			1
AMEREN CORP	COM	023608102	44	865	SH			X	1
AMCORE FINL INC	COM	023912108	22	709	SH	X			1
AMCORE FINL INC	COM	023912108	465	15,297	SH			X	1
AMERICAN EAGLE OUTFTRS	COM	02553E106	1,588	69,110	SH	X			1
AMERICAN EAGLE OUTFTRS	COM	02553E106	14	610	SH			X	1
AMERICAN ELEC PWR INC	COM	025537101	6,703	180,710	SH	X			1
AMERICAN ELEC PWR INC	COM	025537101	121	3,264	SH			X	1
AMERICAN EXPRESS CO	COM	025816109	5,634	109,480	SH	X			1
AMERICAN EXPRESS CO	COM	025816109	1,102	21,410	SH			X	1
AMERICAN INTL GROUP INC	COM	026874107	21,153	310,018	SH	X			1
AMERICAN INTL GROUP INC	COM	026874107	2,934	43,005	SH			X	1
AMERICAN RETIREMNT CORP	COM	028913101	392	15,600	SH	X			1
AMERICAN RETIREMNT CORP	COM	028913101	9	353	SH			X	1
AMERICAN PWR CONVERSION	COM	029066107	287	13,040	SH	X			1
AMERICAN PWR CONVERSION	COM	029066107	8	385	SH			X	1
AMERICAN REPROGRAPHICS	COM	029263100	2,382	93,744	SH	X			1
AMERICAN STD COS INC	COM	029712106	402	10,054	SH	X			1
AMERICAN STD COS INC	COM	029712106	17	438	SH			X	1

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AMERICAN TOWER CORP	CL A	029912201	2,094	77,267	SH	X		1
AMERICAN TOWER CORP	CL A	029912201	91	3,372	SH		X	1
AMERICAN TECHNOLOGY CORP	COM NEW	030145205	33	10,000	SH		X	1
AMERISAFE INC	CL A	03071H100	944	93,780	SH	X		1
AMERISOURCEBERGEN CORP	COM	03073E105	23,915	577,659	SH	X		1
AMERISOURCEBERGEN CORP	COM	03073E105	182	4,408	SH		X	1
AMERIPRISE FINL INC	COM	03076C106	609	14,863	SH	X		1
AMERIPRISE FINL INC	COM	03076C106	143	3,483	SH		X	1
AMES NATL CORP	COM	031001100	1,417	55,129	SH	X		1
AMETEK INC NEW	COM	031100100	726	17,056	SH	X		1
AMETEK INC NEW	COM	031100100	17	400	SH		X	1
AMGEN INC	COM	031162100	23,893	302,983	SH	X		1
AMGEN INC	COM	031162100	3,461	43,886	SH		X	1
AMPHENOL CORP NEW	CL A	032095101	1,045	23,615	SH	X		1
AMPHENOL CORP NEW	CL A	032095101	12	260	SH		X	1
AMSOUTH BANCORPORATION	COM	032165102	5,471	208,734	SH	X		1
AMSOUTH BANCORPORATION	COM	032165102	33	1,250	SH		X	1
ANADARKO PETE CORP	COM	032511107	8,788	92,747	SH	X		1
ANADARKO PETE CORP	COM	032511107	1,152	12,155	SH		X	1
ANALOG DEVICES INC	COM	032654105	8,362	233,113	SH	X		1
ANALOG DEVICES INC	COM	032654105	505	14,080	SH		X	1
ANCHOR BANCORP WIS INC	COM	032839102	3,030	99,863	SH	X		1
ANCHOR BANCORP WIS INC	COM	032839102	831	27,380	SH		X	1
ANGLO AMERN PLC	ADR	03485P102	235	6,750	SH	X		1
ANGLO AMERN PLC	ADR	03485P102	299	8,597	SH		X	1
ANGLOGOLD ASHANTI LTD	SPONSORED ADR	035128206	68	1,378	SH	X		1
ANGLOGOLD ASHANTI LTD	SPONSORED ADR	035128206	306	6,207	SH		X	1
ANHEUSER BUSCH COS INC	COM	035229103	3,346	77,891	SH	X		1
ANHEUSER BUSCH COS INC	COM	035229103	1,576	36,681	SH		X	1
ANN TAYLOR STORES CORP	COM	036115103	967	28,006	SH	X		1
AON CORP	COM	037389103	352	9,786	SH	X		1
AON CORP	COM	037389103	73	2,038	SH		X	1
APACHE CORP	COM	037411105	3,723	54,328	SH	X		1
APACHE CORP	COM	037411105	117	1,701	SH		X	1
APARTMENT INVT & MGMT	CL A	03748R101	1,299	34,296	SH	X		1
APARTMENT INVT & MGMT	CL A	03748R101	30	787	SH		X	1
APOLLO GROUP INC	CL A	037604105	483	7,991	SH	X		1
APOLLO GROUP INC	CL A	037604105	7	115	SH		X	1
APPLE COMPUTER INC	COM	037833100	3,452	48,024	SH	X		1
APPLE COMPUTER INC	COM	037833100	190	2,645	SH		X	1
APRIA HEALTHCARE GROUP	COM	037933108	9,852	408,608	SH	X		1
APPLIED MATLS INC	COM	038222105	6,740	375,702	SH	X		1
APPLIED MATLS INC	COM	038222105	692	38,568	SH		X	1
ARAMARK CORP	CL B	038521100	11,648	419,282	SH	X		1
ARCHER DANIELS MIDLAND	COM	039483102	7,294	295,779	SH	X		1
ARCHER DANIELS MIDLAND	COM	039483102	12	492	SH		X	1
ARM HLDGS PLC	SPONSORED ADR	042068106	125	20,200	SH	X		1
ARVINMERITOR INC	COM	043353101	411	28,547	SH	X		1
ARVINMERITOR INC	COM	043353101	1	49	SH		X	1
ASHLAND INC NEW	COM	044209104	1,273	21,988	SH	X		1
ASHLAND INC NEW	COM	044209104	50	865	SH		X	1
ASPEN TECHNOLOGY INC	COM	045327103	1,105	140,715	SH	X		1
ASSOCIATED BANC CORP	COM	045487105	8,408	258,314	SH	X		1
ASSOCIATED BANC CORP	COM	045487105	2,643	81,190	SH		X	1
ASTEC INDS INC	COM	046224101	1,198	36,690	SH	X		1
ATRICURE INC	COM	04963C209	766	71,916	SH	X		1
AUTODESK INC	COM	052769106	708	16,488	SH	X		1
AUTODESK INC	COM	052769106	212	4,927	SH		X	1
AUTOMATIC DATA PRCSNG	COM	053015103	927	20,205	SH	X		1
AUTOMATIC DATA PRCSNG	COM	053015103	509	11,084	SH		X	1
AUTOZONE INC	COM	053332102	358	3,898	SH	X		1

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MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2005

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	INVESTMENT DISCRETION				
					SH/PUT/SOLE PRN CALL(A)	SHR (B)	OTHR (C)	OTHR MGRS	OTHR
AUTOZONE INC	COM	053332102	15	161	SH			X	1
AVAYA INC	COM	053499109	407	38,131	SH	X			1
AVAYA INC	COM	053499109	8	717	SH			X	1
AVERY DENNISON CORP	COM	053611109	189	3,414	SH	X			1
AVERY DENNISON CORP	COM	053611109	115	2,075	SH			X	1
AVON PRODS INC	COM	054303102	2,001	70,087	SH	X			1
AVON PRODS INC	COM	054303102	13	446	SH			X	1
BB&T CORP	COM	054937107	8,574	204,587	SH	X			1
BB&T CORP	COM	054937107	80	1,916	SH			X	1
BJ SVCS CO	COM	055482103	2,140	58,348	SH	X			1
BJ SVCS CO	COM	055482103	8	210	SH			X	1
BP PLC	SPONSORED ADR	055622104	10,659	165,983	SH	X			1
BP PLC	SPONSORED ADR	055622104	4,672	72,743	SH			X	1
BADGER METER INC	COM	056525108	22,334	569,167	SH	X			1
BADGER METER INC	COM	056525108	479	12,200	SH			X	1
BAKER HUGHES INC	COM	057224107	283	4,656	SH	X			1
BAKER HUGHES INC	COM	057224107	14	225	SH			X	1
BALL CORP	COM	058498106	1,337	33,652	SH	X			1
BALL CORP	COM	058498106	18	463	SH			X	1
BANCO SANTANDER CENT H	ADR	05964H105	152	11,550	SH	X			1
BANK OF AMERICA CORP	COM	060505104	33,942	735,477	SH	X			1
BANK OF AMERICA CORP	COM	060505104	3,248	70,375	SH			X	1
BANK MUTUAL CORP NEW	COM	063750103	269	25,418	SH	X			1
BANK MUTUAL CORP NEW	COM	063750103	184	17,390	SH			X	1
BANK NEW YORK INC	COM	064057102	5,172	162,376	SH	X			1
BANK NEW YORK INC	COM	064057102	465	14,590	SH			X	1
BANTA CORP	COM	066821109	263	5,286	SH	X			1
BANTA CORP	COM	066821109	50	1,000	SH			X	1
BARD C R INC	COM	067383109	669	10,144	SH	X			1
BARD C R INC	COM	067383109	1,450	22,000	SH			X	1
BARRICK GOLD CORP	COM	067901108	6	200	SH	X			1
BARRICK GOLD CORP	COM	067901108	736	26,404	SH			X	1
BAUSCH & LOMB INC	COM	071707103	1,596	23,506	SH	X			1
BAUSCH & LOMB INC	COM	071707103	7	97	SH			X	1
BAXTER INTL INC	COM	071813109	7,964	211,520	SH	X			1
BAXTER INTL INC	COM	071813109	375	9,950	SH			X	1
BE AEROSPACE INC	COM	073302101	2,818	128,113	SH	X			1
BEAR STEARNS COS INC	COM	073902108	10,221	88,469	SH	X			1
BEAR STEARNS COS INC	COM	073902108	20	175	SH			X	1
BECTON DICKINSON & CO	COM	075887109	499	8,304	SH	X			1
BECTON DICKINSON & CO	COM	075887109	4	68	SH			X	1
BED BATH & BEYOND INC	COM	075896100	505	13,975	SH	X			1
BED BATH & BEYOND INC	COM	075896100	173	4,799	SH			X	1
BELLSOUTH CORP	COM	079860102	13,257	489,178	SH	X			1

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BELLSOUTH CORP	COM	079860102	1,500	55,340	SH		X	1
BEMIS INC	COM	081437105	236	8,478	SH	X		1
BEMIS INC	COM	081437105	6	200	SH		X	1
BERKLEY W R CORP	COM	084423102	5,683	119,347	SH	X		1
BERKLEY W R CORP	COM	084423102	24	500	SH		X	1
BERKSHIRE HATHAWAY INC	CL A	084670108	1,152	13	SH	X		1
BERKSHIRE HATHAWAY INC	CL A	084670108	1,241	14	SH		X	1
BERKSHIRE HATHAWAY INC	CL B	084670207	1,799	613	SH	X		1
BERKSHIRE HATHAWAY INC	CL B	084670207	1,171	399	SH		X	1
BEST BUY INC	COM	086516101	11,575	266,214	SH	X		1
BEST BUY INC	COM	086516101	1,391	32,003	SH		X	1
BHP BILLITON LTD	SPONSORED ADR	088606108	70	2,099	SH	X		1
BHP BILLITON LTD	SPONSORED ADR	088606108	348	10,400	SH		X	1
BIG LOTS INC	COM	089302103	348	29,000	SH	X		1
BIOMET INC	COM	090613100	963	26,330	SH	X		1
BIOMET INC	COM	090613100	90	2,466	SH		X	1
BIRCH MTN RES LTD	COM	09066X109	747	104,209	SH	X		1
BLACK & DECKER CORP	COM	091797100	523	6,011	SH	X		1
BLACK & DECKER CORP	COM	091797100	11	123	SH		X	1
BLACKROCK FLA INSD MUN	COM	09247H106	183	11,954	SH	X		1
BLOCK H & R INC	COM	093671105	2,190	89,215	SH	X		1
BLOCK H & R INC	COM	093671105	71	2,900	SH		X	1
BOEING CO	COM	097023105	18,970	270,081	SH	X		1
BOEING CO	COM	097023105	968	13,788	SH		X	1
BORG WARNER INC	COM	099724106	588	9,703	SH	X		1
BORG WARNER INC	COM	099724106	12	190	SH		X	1
BOSTON SCIENTIFIC CORP	COM	101137107	1,269	51,825	SH	X		1
BOSTON SCIENTIFIC CORP	COM	101137107	53	2,151	SH		X	1
BRADY CORP	CL A	104674106	134	3,717	SH	X		1
BRADY CORP	CL A	104674106	1,842	50,900	SH		X	1
BRIGGS & STRATTON CORP	COM	109043109	185	4,762	SH	X		1
BRIGGS & STRATTON CORP	COM	109043109	217	5,600	SH		X	1
BRIGHT HORIZON FAMILY	COM	109195107	1,737	46,886	SH	X		1
BRIGHT HORIZON FAMILY	COM	109195107	7	200	SH		X	1
BRISTOL MYERS SQUIBB	COM	110122108	13,542	589,300	SH	X		1
BRISTOL MYERS SQUIBB	COM	110122108	1,415	61,555	SH		X	1
BROADCOM CORP	CL A	111320107	3,540	75,080	SH	X		1
BROADCOM CORP	CL A	111320107	17	364	SH		X	1
BROWN FORMAN CORP	CL B	115637209	5,402	77,930	SH	X		1
BROWN FORMAN CORP	CL B	115637209	4	61	SH		X	1
BRUNSWICK CORP	COM	117043109	10,078	247,863	SH	X		1
BRUNSWICK CORP	COM	117043109	13	309	SH		X	1
BURLINGTN NRTN SNTA FE	COM	12189T104	2,638	37,251	SH	X		1
BURLINGTN NRTN SNTA FE	COM	12189T104	741	10,459	SH		X	1
BURLINGTON RES INC	COM	122014103	3,163	36,698	SH	X		1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

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

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION		
						SHR (B)	OTHR (C)	OTHR MGRS

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BURLINGTON RES INC	COM	122014103	888	10,298	SH			X	1
CBIZ INC	COM	124805102	1,318	218,926	SH	X			1
CB RICHARD ELLIS GROUP	CL A	12497T101	3,275	55,648	SH	X			1
CB RICHARD ELLIS GROUP	CL A	12497T101	12	200	SH			X	1
CE FRANKLIN LTD	COM	125151100	1,640	118,044	SH	X			1
C H ROBINSON WORLDWIDE	COM NEW	12541W209	1,532	41,359	SH	X			1
CIGNA CORP	COM	125509109	890	7,967	SH	X			1
CIGNA CORP	COM	125509109	87	778	SH			X	1
CIT GROUP INC	COM	125581108	4,962	95,836	SH	X			1
CIT GROUP INC	COM	125581108	6	115	SH			X	1
CMS ENERGY CORP	COM	125896100	4,020	277,084	SH	X			1
CSX CORP	COM	126408103	9,340	183,963	SH	X			1
CSX CORP	COM	126408103	32	621	SH			X	1
CVS CORP	COM	126650100	2,411	91,239	SH	X			1
CVS CORP	COM	126650100	184	6,956	SH			X	1
CV THERAPEUTICS INC	COM	126667104	1,288	52,068	SH	X			1
CADENCE DESIGN SYSTEM	COM	127387108	8,910	526,621	SH	X			1
CALAMOS CONV OPP & INC	SH BEN INT	128117108	528	26,357	SH	X			1
CALAMOS STRATGC TL RTRN	COM SH BEN INT	128125101	202	14,400	SH	X			1
CAMECO CORP	COM	13321L108	361	5,700	SH	X			1
CAMECO CORP	COM	13321L108	52	825	SH			X	1
CAMPBELL SOUP CO	COM	134429109	539	18,114	SH	X			1
CAMPBELL SOUP CO	COM	134429109	13	453	SH			X	1
CAPITAL ONE FINL CORP	COM	14040H105	586	6,788	SH	X			1
CAPITAL ONE FINL CORP	COM	14040H105	21	246	SH			X	1
CARDINAL HEALTH INC	COM	14149Y108	9,981	145,183	SH	X			1
CARDINAL HEALTH INC	COM	14149Y108	277	4,029	SH			X	1
CAREER EDUCATION CORP	COM	141665109	2,556	75,790	SH	X			1
CAREMARK RX INC	COM	141705103	2,546	49,167	SH	X			1
CAREMARK RX INC	COM	141705103	68	1,322	SH			X	1
CARIBOU COFFEE INC	COM	142042209	1,987	197,874	SH	X			1
CARNIVAL CORP	PAIRED CTF	143658300	770	14,395	SH	X			1
CARNIVAL CORP	PAIRED CTF	143658300	421	7,868	SH			X	1
CARRIZO OIL & CO INC	COM	144577103	1,287	52,086	SH	X			1
CATERPILLAR INC DEL	COM	149123101	14,944	258,683	SH	X			1
CATERPILLAR INC DEL	COM	149123101	3,224	55,813	SH			X	1
CELGENE CORP	COM	151020104	1,161	17,921	SH	X			1
CELGENE CORP	COM	151020104	21	325	SH			X	1
CEMEX S A	SPON ADR 5 ORD	151290889	196	3,300	SH	X			1
CEMEX S A	SPON ADR 5 ORD	151290889	97	1,630	SH			X	1
CENDANT CORP	COM	151313103	1,031	59,755	SH	X			1
CENDANT CORP	COM	151313103	12	675	SH			X	1
CENTERPOINT ENERGY INC	COM	15189T107	342	26,579	SH	X			1
CENTERPOINT ENERGY INC	COM	15189T107	8	619	SH			X	1
CENTEX CORP	COM	152312104	421	5,886	SH	X			1
CENTEX CORP	COM	152312104	12	171	SH			X	1
CENTRAL EUROPEAN DIST	COM	153435102	1,672	41,659	SH	X			1
CENTRAL EUROPE & RUSSIA	COM	153436100	276	5,900	SH	X			1
CEPHALON INC	COM	156708109	1,255	19,390	SH	X			1
CEPHALON INC	COM	156708109	9	140	SH			X	1
CERIDIAN CORP NEW	COM	156779100	1,168	47,008	SH	X			1
CHARLES RIV LABS INTL	COM	159864107	22	508	SH	X			1
CHARLES RIV LABS INTL	COM	159864107	225	5,315	SH			X	1
CHARMING SHOPPES INC	COM	161133103	1,537	116,867	SH	X			1
CHECKPOINT SYS INC	COM	162825103	400	16,243	SH	X			1
CHESAPEAKE ENERGY CORP	COM	165167107	3,246	102,299	SH	X			1
CHESAPEAKE ENERGY CORP	COM	165167107	108	3,400	SH			X	1
CHEVRON CORP NEW	COM	166764100	45,701	805,018	SH	X			1
CHEVRON CORP NEW	COM	166764100	3,960	69,758	SH			X	1
CHICAGO MERCANTILE HLDG	CL A	167760107	1,139	3,099	SH	X			1

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CHICAGO MERCANTILE HLDG	CL A	167760107	95	258	SH			X	1
CHICOS FAS INC	COM	168615102	2,776	63,184	SH	X			1
CHICOS FAS INC	COM	168615102	9	200	SH			X	1
CHUBB CORP	COM	171232101	15,717	160,953	SH	X			1
CHUBB CORP	COM	171232101	538	5,511	SH			X	1
CHUNGHWA TELECOM CO LTD	SPONSORED ADR	17133Q205	526	28,667	SH			X	1
CINCINNATI FINL CORP	COM	172062101	6,546	146,504	SH	X			1
CINCINNATI FINL CORP	COM	172062101	45	1,003	SH			X	1
CINERGY CORP	COM	172474108	1,784	42,016	SH	X			1
CINERGY CORP	COM	172474108	49	1,149	SH			X	1
CISCO SYS INC	COM	17275R102	19,204	1,121,741	SH	X			1
CISCO SYS INC	COM	17275R102	1,661	97,040	SH			X	1
CIRRUS LOGIC INC	COM	172755100	1,217	182,235	SH	X			1
CINTAS CORP	COM	172908105	440	10,691	SH	X			1
CINTAS CORP	COM	172908105	34	832	SH			X	1
CITIGROUP INC	COM	172967101	56,527	1,164,784	SH	X			1
CITIGROUP INC	COM	172967101	5,013	103,291	SH			X	1
CITIZENS COMMUNICATIONS	COM	17453B101	9,958	814,253	SH	X			1
CITIZENS COMMUNICATIONS	COM	17453B101	21	1,701	SH			X	1
CITRIX SYS INC	COM	177376100	673	23,429	SH	X			1
CITRIX SYS INC	COM	177376100	11	366	SH			X	1
CLARCOR INC	COM	179895107	23	790	SH	X			1
CLARCOR INC	COM	179895107	416	14,000	SH			X	1
CLEAR CHANNEL CMMNCTNS	COM	184502102	14,361	456,615	SH	X			1
CLEAR CHANNEL CMMNCTNS	COM	184502102	9	273	SH			X	1
CLOROX CO DEL	COM	189054109	3,405	59,857	SH	X			1
CLOROX CO DEL	COM	189054109	83	1,460	SH			X	1
COACH INC	COM	189754104	6,651	199,481	SH	X			1
COACH INC	COM	189754104	154	4,607	SH			X	1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION			
						SHR (B)	OTHR (C)	OTHR (D)	MGRS (E)
COCA COLA CO	COM	191216100	15,205	377,198	SH	X			1
COCA COLA CO	COM	191216100	3,486	86,490	SH			X	1
COCA COLA ENTERPRISES	COM	191219104	9,916	517,242	SH	X			1
COCA COLA ENTERPRISES	COM	191219104	1	57	SH			X	1
COGNIZANT TCHNLGY SOL	CL A	192446102	1,586	31,541	SH	X			1
COLDWATER CREEK INC	COM	193068103	2,705	88,600	SH	X			1
COLGATE PALMOLIVE CO	COM	194162103	14,224	259,332	SH	X			1
COLGATE PALMOLIVE CO	COM	194162103	2,039	37,171	SH			X	1
COLOR KINETICS INC	COM	19624P100	1,012	70,345	SH	X			1
COMCAST CORP NEW	CL A	20030N101	3,661	141,224	SH	X			1
COMCAST CORP NEW	CL A	20030N101	208	8,039	SH			X	1
COMCAST CORP NEW	CL A SPL	20030N200	51	1,999	SH	X			1
COMCAST CORP NEW	CL A SPL	20030N200	402	15,635	SH			X	1
COMERICA INC	COM	200340107	2,864	50,456	SH	X			1

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COMERICA INC	COM	200340107	123	2,166	SH			X	1
COMMERCE BANCSHARES INC	COM	200525103	328	6,300	SH	X			1
COMMERCE BANCSHARES INC	COM	200525103	29	558	SH			X	1
COMMERCE GROUP INC MASS	COM	200641108	204	3,555	SH			X	1
COMMUNITY HEALTH SYS	COM	203668108	12,778	333,282	SH	X			1
COMMUNITY HEALTH SYS	COM	203668108	14	375	SH			X	1
COMPASS BANCSHARES INC	COM	20449H109	1,588	32,910	SH	X			1
COMPASS BANCSHARES INC	COM	20449H109	31	646	SH			X	1
COMPUTER ASSOC INTL INC	COM	204912109	227	8,050	SH	X			1
COMPUTER ASSOC INTL INC	COM	204912109	133	4,715	SH			X	1
COMPUTER SCIENCES CORP	COM	205363104	6,742	133,138	SH	X			1
COMPUTER SCIENCES CORP	COM	205363104	14	280	SH			X	1
COMPUWARE CORP	COM	205638109	1,080	120,424	SH	X			1
COMVERSE TECHNOLOGY INC	COM PAR \$0.10	205862402	2,142	80,574	SH	X			1
COMVERSE TECHNOLOGY INC	COM PAR \$0.10	205862402	120	4,505	SH			X	1
CONAGRA FOODS INC	COM	205887102	1,637	80,740	SH	X			1
CONAGRA FOODS INC	COM	205887102	53	2,624	SH			X	1
CONOCOPHILLIPS	COM	20825C104	15,830	272,093	SH	X			1
CONOCOPHILLIPS	COM	20825C104	353	6,070	SH			X	1
CONSECO INC	COM NEW	208464883	589	25,415	SH	X			1
CONSOLIDATED EDISON INC	COM	209115104	2,025	43,708	SH	X			1
CONSOLIDATED EDISON INC	COM	209115104	133	2,879	SH			X	1
CONSTELLATION BRANDS	CL A	21036P108	986	37,603	SH	X			1
CONSTELLATION BRANDS	CL A	21036P108	2	80	SH			X	1
CONSTELLATION ENERGY	COM	210371100	16,141	280,223	SH	X			1
CONSTELLATION ENERGY	COM	210371100	15	256	SH			X	1
CONTANGO OIL & GAS CO	COM NEW	21075N204	2,145	187,467	SH	X			1
CONVERGYS CORP	COM	212485106	9,381	591,882	SH	X			1
CORNING INC	COM	219350105	2,052	104,355	SH	X			1
CORNING INC	COM	219350105	102	5,210	SH			X	1
COSTCO WHSL CORP NEW	COM	22160K105	935	18,895	SH	X			1
COSTCO WHSL CORP NEW	COM	22160K105	234	4,734	SH			X	1
COSTAR GROUP INC	COM	22160N109	899	20,830	SH	X			1
COUNTRYWIDE FINANCIAL	COM	222372104	1,490	43,584	SH	X			1
COUNTRYWIDE FINANCIAL	COM	222372104	146	4,265	SH			X	1
COVANCE INC	COM	222816100	1,400	28,837	SH	X			1
COVANCE INC	COM	222816100	10	205	SH			X	1
COVENTRY HEALTH CARE	COM	222862104	1,306	22,933	SH	X			1
COVENTRY HEALTH CARE	COM	222862104	15	268	SH			X	1
CROWN HOLDINGS INC	COM	228368106	2,918	149,391	SH	X			1
CUBIST PHARMACEUTICALS	COM	229678107	2,164	101,863	SH	X			1
CUMMINS INC	COM	231021106	407	4,538	SH	X			1
CUMMINS INC	COM	231021106	12	139	SH			X	1
CYTYC CORP	COM	232946103	2,044	72,412	SH	X			1
DNP SELECT INCOME FD	COM	23325P104	794	73,899	SH	X			1
DNP SELECT INCOME FD	COM	23325P104	32	3,000	SH		X		1
DANAHER CORP DEL	COM	235851102	489	8,768	SH	X			1
DANAHER CORP DEL	COM	235851102	13	226	SH			X	1
DARDEN RESTAURANTS INC	COM	237194105	263	6,754	SH	X			1
DARDEN RESTAURANTS INC	COM	237194105	23	580	SH			X	1
DAVITA INC	COM	23918K108	1,803	35,598	SH	X			1
DAVITA INC	COM	23918K108	10	190	SH			X	1
DEAN FOODS CO NEW	COM	242370104	253	6,717	SH	X			1
DEERE & CO	COM	244199105	337	4,955	SH	X			1
DEERE & CO	COM	244199105	235	3,447	SH			X	1
DEL MONTE FOODS CO	COM	24522P103	11,909	1,141,800	SH	X			1
DELL INC	COM	24702R101	17,173	573,384	SH	X			1
DELL INC	COM	24702R101	1,227	40,969	SH			X	1
DENBURY RES INC	COM NEW	247916208	3,563	156,389	SH	X			1
DENTSPLY INTL INC NEW	COM	249030107	172	3,212	SH	X			1
DENTSPLY INTL INC NEW	COM	249030107	43	800	SH			X	1
DESARROLLADORA HOMEX	SPONSORED ADR	25030W100	1,757	57,276	SH	X			1

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DEVON ENERGY CORP NEW	COM	25179M103	1,868	29,875	SH	X			1
DEVON ENERGY CORP NEW	COM	25179M103	110	1,763	SH			X	1
DISNEY WALT CO	COM DISNEY	254687106	9,141	381,336	SH	X			1
DISNEY WALT CO	COM DISNEY	254687106	1,216	50,748	SH			X	1
DITECH COMMUNICATIONS	COM	25500M103	870	104,247	SH	X			1
DOLLAR GEN CORP	COM	256669102	3,049	159,882	SH	X			1
DOLLAR GEN CORP	COM	256669102	20	1,066	SH			X	1
DOMINION RES INC VA NEW	COM	25746U109	5,053	65,456	SH	X			1
DOMINION RES INC VA NEW	COM	25746U109	155	2,002	SH			X	1
DONNELLEY R R & SONS CO	COM	257867101	16,069	469,712	SH	X			1
DONNELLEY R R & SONS CO	COM	257867101	58	1,708	SH			X	1
DOVER CORP	COM	260003108	134	3,302	SH	X			1
DOVER CORP	COM	260003108	308	7,605	SH			X	1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION			OTHER MGRS
						SHR (B)	OTHR (C)	OTHR	
DOW CHEM CO	COM	260543103	12,099	276,109	SH	X			1
DOW CHEM CO	COM	260543103	816	18,612	SH			X	1
DOW JONES & CO INC	COM	260561105	371	10,455	SH	X			1
DOW JONES & CO INC	COM	260561105	15	436	SH			X	1
DU PONT E I DE NEMOURS	COM	263534109	9,821	231,089	SH	X			1
DU PONT E I DE NEMOURS	COM	263534109	1,174	27,633	SH			X	1
DUKE ENERGY CORP	COM	264399106	4,804	174,994	SH	X			1
DUKE ENERGY CORP	COM	264399106	190	6,905	SH			X	1
DUN & BRADSTREET CORP	COM	26483E100	1,004	14,995	SH	X			1
EDP ENERGIAS DE PORTGL	SPONSORED ADR	268353109	427	13,824	SH			X	1
EGL INC	COM	268484102	277	7,364	SH	X			1
E M C CORP MASS	COM	268648102	5,931	435,452	SH	X			1
E M C CORP MASS	COM	268648102	29	2,160	SH			X	1
ENSCO INTL INC	COM	26874Q100	11,023	248,553	SH	X			1
ENSCO INTL INC	COM	26874Q100	1,084	24,439	SH			X	1
ENI S P A	SPONSORED ADR	26874R108	23	165	SH	X			1
ENI S P A	SPONSORED ADR	26874R108	376	2,698	SH			X	1
EOG RES INC	COM	26875P101	2,722	37,095	SH	X			1
EOG RES INC	COM	26875P101	88	1,200	SH			X	1
E TRADE FINANCIAL CORP	COM	269246104	326	15,606	SH	X			1
EASTMAN CHEM CO	COM	277432100	2,304	44,656	SH	X			1
EASTMAN CHEM CO	COM	277432100	39	758	SH			X	1
EATON CORP	COM	278058102	403	6,001	SH	X			1
EATON CORP	COM	278058102	418	6,235	SH			X	1
EATON VANCE LTD DRTN	COM	27828H105	267	15,520	SH	X			1
EBAY INC	COM	278642103	1,730	40,036	SH	X			1
EBAY INC	COM	278642103	284	6,564	SH			X	1
ECOLAB INC	COM	278865100	1,232	33,956	SH	X			1
ECOLAB INC	COM	278865100	379	10,463	SH			X	1
EDISON INTL	COM	281020107	3,088	70,806	SH	X			1

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EDISON INTL	COM	281020107	122	2,806	SH		X	1
EDWARDS LIFESCIENCES	COM	28176E108	788	18,937	SH	X		1
EDWARDS LIFESCIENCES	COM	28176E108	32	765	SH		X	1
EDWARDS AG INC	COM	281760108	1,286	27,453	SH	X		1
ELECTRONIC ARTS INC	COM	285512109	5,734	109,611	SH	X		1
ELECTRONIC ARTS INC	COM	285512109	421	8,044	SH		X	1
ELECTRONICS FOR IMAGING	COM	286082102	12,582	472,834	SH	X		1
ELECTRONICS FOR IMAGING	COM	286082102	4	150	SH		X	1
EMAGEON INC	COM	29076V109	1,918	120,641	SH	X		1
EMERSON ELEC CO	COM	291011104	6,100	81,659	SH	X		1
EMERSON ELEC CO	COM	291011104	3,206	42,922	SH		X	1
ENCANA CORP	COM	292505104	36	800	SH	X		1
ENCANA CORP	COM	292505104	180	3,996	SH		X	1
ENERGY EAST CORP	COM	29266M109	1,375	60,325	SH	X		1
ENERGY EAST CORP	COM	29266M109	64	2,823	SH		X	1
ENERGY PARTNERS LTD	COM	29270U105	1,317	60,426	SH	X		1
ENGINEERED SUPPORT SYS	COM	292866100	155	3,718	SH	X		1
ENGINEERED SUPPORT SYS	COM	292866100	47	1,125	SH		X	1
ENTRUST INC	COM	293848107	908	187,653	SH	X		1
EQUIFAX INC	COM	294429105	1,270	33,407	SH	X		1
EQUIFAX INC	COM	294429105	15	390	SH		X	1
EQUITY INV FD	UT 1 EX SR-ATT	294700703	215	2,729	SH	X		1
EQUITY OFFICE PRPRTS	COM	294741103	1,931	63,657	SH	X		1
EQUITY OFFICE PRPRTS	COM	294741103	72	2,384	SH		X	1
EQUITY RESIDENTIAL	SH BEN INT	29476L107	2,022	51,677	SH	X		1
EQUITY RESIDENTIAL	SH BEN INT	29476L107	43	1,110	SH		X	1
ERICSSON L M TEL CO	ADR B SEK 10	294821608	6,287	182,749	SH	X		1
ERICSSON L M TEL CO	ADR B SEK 10	294821608	508	14,767	SH		X	1
EXELON CORP	COM	30161N101	6,443	121,239	SH	X		1
EXELON CORP	COM	30161N101	171	3,209	SH		X	1
EXPLORATION CO	COM NEW	302133202	2,389	369,861	SH	X		1
EXPRESS SCRIPTS INC	COM	302182100	3,200	38,185	SH	X		1
EXPRESS SCRIPTS INC	COM	302182100	69	820	SH		X	1
EXXON MOBIL CORP	COM	30231G102	76,106	1,354,926	SH	X		1
EXXON MOBIL CORP	COM	30231G102	17,641	314,059	SH		X	1
FPL GROUP INC	COM	302571104	4,184	100,678	SH	X		1
FPL GROUP INC	COM	302571104	639	15,364	SH		X	1
FAIR ISAAC CORP	COM	303250104	1,384	31,337	SH	X		1
FASTENAL CO	COM	311900104	1,188	30,371	SH	X		1
FASTENAL CO	COM	311900104	39	1,000	SH		X	1
FEDERAL HOME LN MTG	COM	313400301	9,948	152,233	SH	X		1
FEDERAL HOME LN MTG	COM	313400301	1,100	16,828	SH		X	1
FEDERAL NATL MTG ASSN	COM	313586109	2,485	50,904	SH	X		1
FEDERAL NATL MTG ASSN	COM	313586109	766	15,684	SH		X	1
FEDERATED DEPT STORES	COM	31410H101	1,294	19,516	SH	X		1
FEDERATED DEPT STORES	COM	31410H101	297	4,477	SH		X	1
FEDERATED INVS INC PA	CL B	314211103	209	5,642	SH	X		1
FEDERATED INVS INC PA	CL B	314211103	4	100	SH		X	1
FEDEX CORP	COM	31428X106	4,142	40,062	SH	X		1
FEDEX CORP	COM	31428X106	688	6,654	SH		X	1
FIFTH THIRD BANCORP	COM	316773100	4,017	106,500	SH	X		1
FIFTH THIRD BANCORP	COM	316773100	423	11,213	SH		X	1
FIRST DATA CORP	COM	319963104	993	23,099	SH	X		1
FIRST DATA CORP	COM	319963104	451	10,486	SH		X	1
FIRST HORIZON NATL CORP	COM	320517105	5,898	153,422	SH	X		1
FIRST HORIZON NATL CORP	COM	320517105	30	793	SH		X	1
1ST SOURCE CORP	COM	336901103	1,236	49,140	SH		X	1
FISERV INC	COM	337738108	5,132	118,595	SH	X		1
FISERV INC	COM	337738108	498	11,504	SH		X	1

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MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2005

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	INVESTMENT DISCRETION			OTHER MGRS
					SH/PUT/SOLE PRN CALL (A)	SHR (B)	OTHR (C)	
FIRSTENERGY CORP	COM	337932107	2,789	56,936	SH	X		1
FIRSTENERGY CORP	COM	337932107	58	1,194	SH		X	1
FISHER SCIENTIFIC INTL	COM NEW	338032204	10,166	164,342	SH	X		1
FISHER SCIENTIFIC INTL	COM NEW	338032204	8	123	SH		X	1
FLUOR CORP NEW	COM	343412102	1,290	16,702	SH	X		1
FLUOR CORP NEW	COM	343412102	6	80	SH		X	1
FORD MTR CO DEL	COM PAR \$0.01	345370860	789	102,215	SH	X		1
FORD MTR CO DEL	COM PAR \$0.01	345370860	244	31,616	SH		X	1
FOREST LABS INC	COM	345838106	392	9,627	SH	X		1
FOREST LABS INC	COM	345838106	437	10,740	SH		X	1
FOREST OIL CORP	COM PAR \$0.01	346091705	1,009	22,141	SH	X		1
FORTUNE BRANDS INC	COM	349631101	1,622	20,784	SH	X		1
FORTUNE BRANDS INC	COM	349631101	461	5,914	SH		X	1
FORWARD AIR CORP	COM	349853101	1,735	47,349	SH	X		1
FRANKLIN RES INC	COM	354613101	432	4,591	SH	X		1
FRANKLIN RES INC	COM	354613101	189	2,008	SH		X	1
FRANKLIN TEMPLETON LTD	COM	35472T101	129	10,000	SH	X		1
FREEMPORT-MCMORAN COPPER	CL B	35671D857	3,721	69,156	SH	X		1
FREEMPORT-MCMORAN COPPER	CL B	35671D857	29	543	SH		X	1
FREESCALE SEMICONDUCTOR	CL B	35687M206	7,580	301,147	SH	X		1
FREESCALE SEMICONDUCTOR	CL B	35687M206	36	1,436	SH		X	1
FREIGHTCAR AMER INC	COM	357023100	1,252	26,050	SH	X		1
FUJI PHOTO FILM LTD	ADR	359586302	451	13,588	SH		X	1
FURNITURE BRANDS INTL	COM	360921100	14,338	642,111	SH	X		1
GALLAHER GROUP PLC	SPONSORED ADR	363595109	314	5,220	SH	X		1
GALLAHER GROUP PLC	SPONSORED ADR	363595109	48	800	SH		X	1
GAMESTOP CORP NEW	CL A	36467W109	970	30,483	SH	X		1
GAMESTOP CORP NEW	CL A	36467W109	10	313	SH		X	1
GANNETT INC	COM	364730101	3,993	65,925	SH	X		1
GANNETT INC	COM	364730101	333	5,494	SH		X	1
GAP INC DEL	COM	364760108	3,618	205,114	SH	X		1
GAP INC DEL	COM	364760108	534	30,297	SH		X	1
GASCO ENERGY INC	COM	367220100	3,058	468,268	SH	X		1
GEHL CO	COM	368483103	630	24,000	SH		X	1
GENENTECH INC	COM NEW	368710406	3,227	34,890	SH	X		1
GENENTECH INC	COM NEW	368710406	923	9,973	SH		X	1
GENERAL COMMUNICATION	CL A	369385109	230	22,284	SH	X		1
GENERAL DYNAMICS CORP	COM	369550108	4,486	39,332	SH	X		1
GENERAL DYNAMICS CORP	COM	369550108	16	144	SH		X	1
GENERAL ELECTRIC CO	COM	369604103	71,585	2,042,370	SH	X		1
GENERAL ELECTRIC CO	COM	369604103	15,811	451,098	SH		X	1
GENERAL MLS INC	COM	370334104	2,953	59,865	SH	X		1
GENERAL MLS INC	COM	370334104	848	17,198	SH		X	1
GENERAL MTRS CORP	COM	370442105	408	20,991	SH	X		1
GENERAL MTRS CORP	COM	370442105	55	2,831	SH		X	1
GENUINE PARTS CO	COM	372460105	351	7,984	SH	X		1

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GENUINE PARTS CO	COM	372460105	116	2,633	SH			X	1
GENZYME CORP	COM	372917104	1,248	17,631	SH	X			1
GENZYME CORP	COM	372917104	14	191	SH			X	1
GEORGIA PAC CORP	COM	373298108	343	7,142	SH	X			1
GEORGIA PAC CORP	COM	373298108	41	855	SH			X	1
GILEAD SCIENCES INC	COM	375558103	4,818	91,654	SH	X			1
GILEAD SCIENCES INC	COM	375558103	46	866	SH			X	1
GLAXOSMITHKLINE PLC	SPONSORED ADR	37733W105	1,023	20,261	SH	X			1
GLAXOSMITHKLINE PLC	SPONSORED ADR	37733W105	877	17,373	SH			X	1
GOLDEN WEST FINL CORP	COM	381317106	586	8,873	SH	X			1
GOLDEN WEST FINL CORP	COM	381317106	66	994	SH			X	1
GOLDMAN SACHS GROUP INC	COM	38141G104	21,626	169,337	SH	X			1
GOLDMAN SACHS GROUP INC	COM	38141G104	1,589	12,444	SH			X	1
GOODYEAR TIRE & RUBR CO	COM	382550101	2,442	140,524	SH	X			1
GOOGLE INC	CL A	38259P508	207	498	SH	X			1
GOOGLE INC	CL A	38259P508	294	708	SH			X	1
GRAINGER W W INC	COM	384802104	11,432	160,782	SH	X			1
GRAINGER W W INC	COM	384802104	87	1,222	SH			X	1
GREATER BAY BANCORP	COM	391648102	5	203	SH	X			1
GREATER BAY BANCORP	COM	391648102	256	10,000	SH			X	1
GREENHILL & CO INC	COM	395259104	1,024	18,240	SH	X			1
GTECH HLDGS CORP	COM	400518106	3,021	95,180	SH	X			1
GTECH HLDGS CORP	COM	400518106	204	6,428	SH			X	1
GUIDANT CORP	COM	401698105	877	13,543	SH	X			1
GUIDANT CORP	COM	401698105	165	2,545	SH			X	1
HCA INC	COM	404119109	9,077	179,737	SH	X			1
HCA INC	COM	404119109	336	6,648	SH			X	1
HSBC HLDGS PLC	SPON ADR NEW	404280406	501	6,221	SH	X			1
HSBC HLDGS PLC	SPON ADR NEW	404280406	618	7,676	SH			X	1
HAEMONETICS CORP	COM	405024100	1,754	35,900	SH	X			1
HALLIBURTON CO	COM	406216101	1,204	19,435	SH	X			1
HALLIBURTON CO	COM	406216101	259	4,178	SH			X	1
HARLEY DAVIDSON INC	COM	412822108	11,860	230,343	SH	X			1
HARLEY DAVIDSON INC	COM	412822108	2,259	43,868	SH			X	1
HARMAN INTL INDS INC	COM	413086109	1,053	10,758	SH	X			1
HARRAHS ENTMT INC	COM	413619107	359	5,035	SH	X			1
HARRAHS ENTMT INC	COM	413619107	23	321	SH			X	1
HARSCO CORP	COM	415864107	1,203	17,826	SH	X			1
HARTFORD FINL SVCS	COM	416515104	2,664	31,022	SH	X			1
HARTFORD FINL SVCS	COM	416515104	299	3,479	SH			X	1
HAWAIIAN ELEC INDUSTRS	COM	419870100	232	8,945	SH	X			1
HEALTH MGMT ASSOC INC	CL A	421933102	135	6,170	SH	X			1
HEALTH MGMT ASSOC INC	CL A	421933102	245	11,149	SH			X	1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION		
						SHR (B)	OTHR (C)	OTHR MGRS

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HEALTHEXTRAS INC	COM	422211102	316	12,600	SH	X		1
HEALTH NET INC	COM	42222G108	1,264	24,512	SH	X		1
HEALTH NET INC	COM	42222G108	12	235	SH		X	1
HEARTLAND FINL USA INC	COM	42234Q102	260	11,979	SH	X		1
HEARTLAND PMT SYS INC	COM	42235N108	1,286	59,367	SH	X		1
HEINZ H J CO	COM	423074103	3,444	102,132	SH	X		1
HEINZ H J CO	COM	423074103	241	7,138	SH		X	1
HERSHEY CO	COM	427866108	816	14,770	SH	X		1
HERSHEY CO	COM	427866108	154	2,781	SH		X	1
HEWLETT PACKARD CO	COM	428236103	6,438	224,865	SH	X		1
HEWLETT PACKARD CO	COM	428236103	872	30,446	SH		X	1
HILB ROGAL & HOBBS CO	COM	431294107	253	6,582	SH	X		1
HILTON HOTELS CORP	COM	432848109	1,846	76,562	SH	X		1
HILTON HOTELS CORP	COM	432848109	65	2,679	SH		X	1
HOLOGIC INC	COM	436440101	980	25,846	SH	X		1
HOME DEPOT INC	COM	437076102	7,570	186,996	SH	X		1
HOME DEPOT INC	COM	437076102	1,041	25,727	SH		X	1
HOME SOLUTIONS AMER INC	COM	437355100	1,400	312,462	SH	X		1
HOMESTORE INC	COM	437852106	2,124	416,511	SH	X		1
HONEYWELL INTL INC	COM	438516106	1,359	36,471	SH	X		1
HONEYWELL INTL INC	COM	438516106	438	11,757	SH		X	1
HOSPIRA INC	COM	441060100	853	19,934	SH	X		1
HOSPIRA INC	COM	441060100	41	955	SH		X	1
HOUSTON EXPL CO	COM	442120101	373	7,070	SH	X		1
HOUSTON EXPL CO	COM	442120101	19	358	SH		X	1
HUDSON HIGHLAND GROUP	COM	443792106	1,086	62,531	SH	X		1
HUDSON UNITED BANCORP	COM	444165104	314	7,537	SH	X		1
HUMANA INC	COM	444859102	3,619	66,620	SH	X		1
HUMANA INC	COM	444859102	24	436	SH		X	1
HUNT J B TRANS SVCS INC	COM	445658107	11,987	529,464	SH	X		1
HUNT J B TRANS SVCS INC	COM	445658107	2	100	SH		X	1
HUNTINGTON BANCSHARES	COM	446150104	1,611	67,811	SH	X		1
HUNTINGTON BANCSHARES	COM	446150104	37	1,543	SH		X	1
HURCO COMPANIES INC	COM	447324104	237	7,700	SH	X		1
I-FLOW CORP	COM NEW	449520303	1,256	85,922	SH	X		1
IMS HEALTH INC	COM	449934108	478	19,179	SH	X		1
IMS HEALTH INC	COM	449934108	86	3,448	SH		X	1
ITT EDUCATIONAL SERVICES	COM	45068B109	317	5,371	SH	X		1
ITT INDS INC IND	COM	450911102	2,733	26,578	SH	X		1
ITT INDS INC IND	COM	450911102	54	526	SH		X	1
ILLINOIS TOOL WKS INC	COM	452308109	11,272	128,111	SH	X		1
ILLINOIS TOOL WKS INC	COM	452308109	2,183	24,812	SH		X	1
IMATION CORP	COM	45245A107	7,315	158,786	SH	X		1
IMAX CORP	COM	45245E109	1,141	161,570	SH	X		1
INDUS INTL INC	COM	45578L100	251	80,000	SH	X		1
ING GROEP N V	SPONSORED ADR	456837103	183	5,265	SH	X		1
ING GROEP N V	SPONSORED ADR	456837103	484	13,911	SH		X	1
INTEGRA LIFESCIENCES	COM NEW	457985208	1,091	30,779	SH	X		1
INTEL CORP	COM	458140100	29,721	1,190,758	SH	X		1
INTEL CORP	COM	458140100	5,160	206,735	SH		X	1
INTRNTNL BUSINESS MACH	COM	459200101	22,375	272,203	SH	X		1
INTRNTNL BUSINESS MACH	COM	459200101	4,089	49,739	SH		X	1
INTRNTNL GAME TECH	COM	459902102	745	24,193	SH	X		1
INTRNTNL GAME TECH	COM	459902102	10	321	SH		X	1
INTL PAPER CO	COM	460146103	2,827	84,101	SH	X		1
INTL PAPER CO	COM	460146103	234	6,967	SH		X	1
INTERSIL CORP	CL A	46069S109	1,841	73,979	SH	X		1
INTERPUBLIC GROUP COS	COM	460690100	8,836	915,604	SH	X		1
INVESTTOOLS INC	COM	46145P103	985	182,383	SH	X		1
ISHARES INC	MSCI JAPAN	464286848	1,351	99,946	SH	X		1
ISHARES TR	DJ SEL DIV INX	464287168	2,794	45,608	SH	X		1
ISHARES TR	DJ SEL DIV INX	464287168	334	5,450	SH		X	1

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ISHARES TR	US TIPS BD FD	464287176	263	2,560	SH	X			1
ISHARES TR	S&P 500 INDEX	464287200	17,846	143,142	SH	X			1
ISHARES TR	S&P 500 INDEX	464287200	691	5,543	SH			X	1
ISHARES TR	MSCI EMERG MKT	464287234	453	5,131	SH	X			1
ISHARES TR	S&P500 GRW	464287309	3,678	62,049	SH	X			1
ISHARES TR	S&P500 GRW	464287309	58	970	SH			X	1
ISHARES TR	S&P 500 VALUE	464287408	2,169	33,342	SH	X			1
ISHARES TR	S&P 500 VALUE	464287408	86	1,326	SH			X	1
ISHARES TR	MSCI EAFE IDX	464287465	20,675	347,892	SH	X			1
ISHARES TR	MSCI EAFE IDX	464287465	2,457	41,349	SH			X	1
ISHARES TR	RUSSELL MCP GR	464287481	270	2,870	SH	X			1
ISHARES TR	RUSSELL MIDCAP	464287499	396	4,500	SH	X			1
ISHARES TR	S&P MIDCAP 400	464287507	11,945	161,863	SH	X			1
ISHARES TR	S&P MIDCAP 400	464287507	804	10,897	SH			X	1
ISHARES TR	CONS SRVC IDX	464287580	235	3,947	SH	X			1
ISHARES TR	RUSSELL1000VAL	464287598	3,090	44,727	SH	X			1
ISHARES TR	S&P MC 400 GRW	464287606	744	9,840	SH	X			1
ISHARES TR	RUSSELL1000GRW	464287614	3,434	67,274	SH	X			1
ISHARES TR	RUSSELL 1000	464287622	449	6,629	SH	X			1
ISHARES TR	RUSL 2000 VALU	464287630	649	9,850	SH	X			1
ISHARES TR	RUSL 2000 VALU	464287630	13	204	SH			X	1
ISHARES TR	RUSL 2000 GROW	464287648	712	10,215	SH	X			1
ISHARES TR	RUSSELL 2000	464287655	9,820	147,183	SH	X			1
ISHARES TR	RUSSELL 2000	464287655	1,155	17,304	SH			X	1
ISHARES TR	DJ US UTILS	464287697	486	6,360	SH	X			1
ISHARES TR	S&P MIDCP VALU	464287705	4,373	62,042	SH	X			1
ISHARES TR	S&P MIDCP VALU	464287705	467	6,624	SH			X	1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	INVESTMENT DISCRETION				
					SH/PUT/SOLE PRN CALL (A)	SHR (B)	OTHR (C)	OTHR MGRS	
ISHARES TR	DJ US TELECOMM	464287713	1,288	56,335	SH	X			1
ISHARES TR	DJ US TELECOMM	464287713	0	20	SH			X	1
ISHARES TR	DJ US TECH SEC	464287721	1,386	27,877	SH	X			1
ISHARES TR	DJ US TECH SEC	464287721	76	1,535	SH			X	1
ISHARES TR	DJ US REAL EST	464287739	74	1,160	SH	X			1
ISHARES TR	DJ US REAL EST	464287739	257	4,000	SH			X	1
ISHARES TR	DJ US INDUSTRIAL	464287754	391	6,720	SH	X			1
ISHARES TR	DJ US HEALTHCR	464287762	5,979	94,851	SH	X			1
ISHARES TR	DJ US HEALTHCR	464287762	128	2,025	SH			X	1
ISHARES TR	DJ US FINL SVC	464287770	839	7,330	SH	X			1
ISHARES TR	DJ US FINL SEC	464287788	277	2,736	SH	X			1
ISHARES TR	DJ US ENERGY	464287796	2,207	25,739	SH	X			1
ISHARES TR	S&P SMLCAP 600	464287804	2,619	45,315	SH	X			1
ISHARES TR	S&P SMLCAP 600	464287804	168	2,905	SH			X	1
ISHARES TR	CONS GOODS IDX	464287812	760	14,265	SH	X			1
ISHARES TR	DJ US BAS MATL	464287838	446	8,657	SH	X			1

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ISHARES TR	S&P EURO PLUS	464287861	359	4,444	SH	X		1
ISHARES TR	S&P SMLCP VALU	464287879	452	7,080	SH	X		1
JLG INDS INC	COM	466210101	959	21,004	SH	X		1
JP MORGAN CHASE & CO	COM	46625H100	38,798	977,532	SH	X		1
JP MORGAN CHASE & CO	COM	46625H100	4,319	108,826	SH		X	1
JABIL CIRCUIT INC	COM	466313103	2,553	68,836	SH	X		1
JABIL CIRCUIT INC	COM	466313103	6	153	SH		X	1
JACOBS ENGR GROUP INC	COM	469814107	1,477	21,762	SH	X		1
JEFFERSON PILOT CORP	COM	475070108	1,944	34,144	SH	X		1
JEFFERSON PILOT CORP	COM	475070108	108	1,897	SH		X	1
JOHNSON & JOHNSON	COM	478160104	27,866	463,660	SH	X		1
JOHNSON & JOHNSON	COM	478160104	6,669	110,957	SH		X	1
JOHNSON CTLS INC	COM	478366107	18,848	258,516	SH	X		1
JOHNSON CTLS INC	COM	478366107	1,565	21,464	SH		X	1
JOY GLOBAL INC	COM	481165108	4,087	102,164	SH	X		1
JOY GLOBAL INC	COM	481165108	22	539	SH		X	1
KLA-TENCOR CORP	COM	482480100	273	5,533	SH	X		1
KLA-TENCOR CORP	COM	482480100	4	84	SH		X	1
KT CORP	SPONSORED ADR	48268K101	498	23,090	SH		X	1
K2 INC	COM	482732104	360	35,583	SH	X		1
KAYNE ANDERSON MLP	COM	486606106	4,477	183,948	SH	X		1
KB HOME	COM	48666K109	515	7,081	SH	X		1
KB HOME	COM	48666K109	14	197	SH		X	1
KELLOGG CO	COM	487836108	2,016	46,653	SH	X		1
KELLOGG CO	COM	487836108	5,214	120,642	SH		X	1
KENEXA CORP	COM	488879107	2,307	109,356	SH	X		1
KENNAMETAL INC	COM	489170100	870	17,037	SH	X		1
KENNAMETAL INC	COM	489170100	89	1,738	SH		X	1
KERR MCGEE CORP	COM	492386107	4,361	47,993	SH	X		1
KERR MCGEE CORP	COM	492386107	219	2,406	SH		X	1
KEYCORP NEW	COM	493267108	7,019	213,163	SH	X		1
KEYCORP NEW	COM	493267108	61	1,866	SH		X	1
KEYSPAN CORP	COM	49337W100	4,761	133,396	SH	X		1
KEYSPAN CORP	COM	49337W100	57	1,597	SH		X	1
KEYSTONE AUTOMOTIVE	COM	49338N109	1,476	46,895	SH	X		1
KIMBERLY CLARK CORP	COM	494368103	16,975	284,580	SH	X		1
KIMBERLY CLARK CORP	COM	494368103	4,618	77,423	SH		X	1
KINDER MORGAN INC KANS	COM	49455P101	3,169	34,468	SH	X		1
KINDER MORGAN INC KANS	COM	49455P101	47	508	SH		X	1
KINDER MORGAN MNGMNT	SHS	49455U100	2,680	58,953	SH	X		1
KINDR MRGN ENRGY PRNTR	UT LTD PARTNER	494550106	740	15,472	SH	X		1
KINDR MRGN ENRGY PRNTR	UT LTD PARTNER	494550106	225	4,700	SH		X	1
KING PHARMACEUTICALS	COM	495582108	1,304	77,064	SH	X		1
KIRIN BREWERY LTD	SPONSORED ADR	497350306	444	38,238	SH		X	1
KNOT INC	COM	499184109	1,192	104,155	SH	X		1
KOHL'S CORP	COM	500255104	15,037	309,397	SH	X		1
KOHL'S CORP	COM	500255104	2,159	44,430	SH		X	1
KOMAG INC	COM NEW	500453204	908	26,189	SH	X		1
KOREA ELECTRIC PWR	SPONSORED ADR	500631106	282	14,486	SH		X	1
KROGER CO	COM	501044101	10,578	560,264	SH	X		1
KROGER CO	COM	501044101	2	80	SH		X	1
LSI LOGIC CORP	COM	502161102	932	116,500	SH	X		1
LSI LOGIC CORP	COM	502161102	7	875	SH		X	1
L-3 COMMUNICATNS HLDGS	COM	502424104	4,190	56,355	SH	X		1
L-3 COMMUNICATNS HLDGS	COM	502424104	19	260	SH		X	1
LAM RESEARCH CORP	COM	512807108	3,754	105,225	SH	X		1
LAM RESEARCH CORP	COM	512807108	11	310	SH		X	1
LAUDER ESTEE COS INC	CL A	518439104	6,322	188,843	SH	X		1
LAUDER ESTEE COS INC	CL A	518439104	627	18,738	SH		X	1
LAUREATE EDUCATION INC	COM	518613104	1,645	31,336	SH	X		1
LEE ENTERPRISES INC	COM	523768109	2,041	55,293	SH	X		1
LEGG MASON INC	COM	524901105	1,025	8,567	SH	X		1

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LEGG MASON INC	COM	524901105	152	1,267	SH			X	1
LEHMAN BROS HLDGS INC	COM	524908100	11,721	91,448	SH	X			1
LEHMAN BROS HLDGS INC	COM	524908100	114	890	SH			X	1
LENNAR CORP	CL A	526057104	216	3,544	SH	X			1
LEXMARK INTL NEW	CL A	529771107	425	9,474	SH	X			1
LEXMARK INTL NEW	CL A	529771107	96	2,151	SH			X	1
LIBERTY MEDIA CORP NEW	COM SER A	530718105	45	5,743	SH	X			1
LIBERTY MEDIA CORP NEW	COM SER A	530718105	359	45,626	SH			X	1
LIFE TIME FITNESS INC	COM	53217R207	4,813	126,360	SH	X			1
LIFETIME BRANDS INC	COM	53222Q103	1,034	50,000	SH	X			1
LILLY ELI & CO	COM	532457108	9,805	173,268	SH	X			1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	INVESTMENT DISCRETION				
					SH/PUT/SOLE PRN CALL (A)	SHR OTHER (B)	OTHER (C)	OTHER MGRS	
LILLY ELI & CO	COM	532457108	1,609	28,439	SH			X	1
LIMITED BRANDS INC	COM	532716107	1,749	78,249	SH	X			1
LIMITED BRANDS INC	COM	532716107	39	1,766	SH			X	1
LINCOLN NATL CORP IND	COM	534187109	2,266	42,731	SH	X			1
LINCOLN NATL CORP IND	COM	534187109	574	10,824	SH			X	1
LINEAR TECHNOLOGY CORP	COM	535678106	349	9,681	SH	X			1
LINEAR TECHNOLOGY CORP	COM	535678106	11	308	SH			X	1
LIZ CLAIBORNE INC	COM	539320101	12,770	356,515	SH	X			1
LIZ CLAIBORNE INC	COM	539320101	177	4,947	SH			X	1
LOCKHEED MARTIN CORP	COM	539830109	7,352	115,540	SH	X			1
LOCKHEED MARTIN CORP	COM	539830109	494	7,762	SH			X	1
LOEWS CORP	COM	540424108	298	3,143	SH	X			1
LOEWS CORP	COM	540424108	42	443	SH			X	1
LONGVIEW FIBRE CO	COM	543213102	550	26,434	SH	X			1
LONGVIEW FIBRE CO	COM	543213102	4	178	SH			X	1
LOUISIANA PAC CORP	COM	546347105	318	11,578	SH	X			1
LOUISIANA PAC CORP	COM	546347105	10	357	SH			X	1
LOWES COS INC	COM	548661107	11,421	171,325	SH	X			1
LOWES COS INC	COM	548661107	1,357	20,359	SH			X	1
LUCENT TECHNOLOGIES INC	COM	549463107	41	15,329	SH	X			1
LUCENT TECHNOLOGIES INC	COM	549463107	33	12,236	SH			X	1
LYONDELL CHEMICAL CO	COM	552078107	3,864	162,217	SH	X			1
LYONDELL CHEMICAL CO	COM	552078107	5	215	SH			X	1
MBIA INC	COM	55262C100	298	4,947	SH	X			1
MBIA INC	COM	55262C100	304	5,053	SH			X	1
MBNA CORP	COM	55262L100	940	34,605	SH	X			1
MBNA CORP	COM	55262L100	420	15,472	SH			X	1
MDU RES GROUP INC	COM	552690109	3,549	108,413	SH	X			1
MDU RES GROUP INC	COM	552690109	251	7,665	SH			X	1
MEMC ELECTR MATLS INC	COM	552715104	840	37,897	SH	X			1
MEMC ELECTR MATLS INC	COM	552715104	15	655	SH			X	1
MGE ENERGY INC	COM	55277P104	2,156	63,592	SH	X			1

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MGE ENERGY INC	COM	55277P104	120	3,550	SH			X	1
MGIC INVT CORP WIS	COM	552848103	12,383	188,132	SH	X			1
MGIC INVT CORP WIS	COM	552848103	439	6,666	SH			X	1
MADISON / CLAYMORE CVRD	COM	556582104	190	13,000	SH	X			1
MANITOWOC INC	COM	563571108	1,350	26,881	SH	X			1
MANPOWER INC	COM	56418H100	17,181	369,482	SH	X			1
MANPOWER INC	COM	56418H100	302	6,487	SH			X	1
MARATHON OIL CORP	COM	565849106	4,993	81,889	SH	X			1
MARATHON OIL CORP	COM	565849106	139	2,280	SH			X	1
MARCHEX INC	CL B	56624R108	2,110	93,801	SH	X			1
MARCUS CORP	COM	566330106	14	586	SH	X			1
MARCUS CORP	COM	566330106	478	20,350	SH			X	1
MARSH & MCLENNAN COS	COM	571748102	3,906	122,973	SH	X			1
MARSH & MCLENNAN COS	COM	571748102	155	4,870	SH			X	1
MARSHALL & ILSLEY CORP	COM	571834100	189,844	4,410,879	SH	X			1
MARSHALL & ILSLEY CORP	COM	571834100	67,116	1,559,387	SH			X	1
MASCO CORP	COM	574599106	965	31,964	SH	X			1
MASCO CORP	COM	574599106	3	104	SH			X	1
MATRIA HEALTHCARE INC	COM NEW	576817209	1,737	44,804	SH	X			1
MATSUSHITA ELEC INDL	ADR	576879209	0	23	SH	X			1
MATSUSHITA ELEC INDL	ADR	576879209	229	11,829	SH			X	1
MATTEL INC	COM	577081102	10,343	653,777	SH	X			1
MATTEL INC	COM	577081102	6	350	SH			X	1
MCCORMICK & CO INC	COM NON VTG	579780206	225	7,289	SH	X			1
MCCORMICK & CO INC	COM NON VTG	579780206	9	292	SH			X	1
MCDONALDS CORP	COM	580135101	3,080	91,336	SH	X			1
MCDONALDS CORP	COM	580135101	1,716	50,898	SH			X	1
MCGRAW HILL COS INC	COM	580645109	6,818	132,058	SH	X			1
MCGRAW HILL COS INC	COM	580645109	399	7,736	SH			X	1
MCKESSON CORP	COM	58155Q103	1,440	27,918	SH	X			1
MCKESSON CORP	COM	58155Q103	85	1,650	SH			X	1
MEADWESTVACO CORP	COM	583334107	357	12,722	SH	X			1
MEADWESTVACO CORP	COM	583334107	408	14,538	SH			X	1
MEDCO HEALTH SOLUTIONS	COM	58405U102	2,848	51,031	SH	X			1
MEDCO HEALTH SOLUTIONS	COM	58405U102	218	3,903	SH			X	1
MEDIMMUNE INC	COM	584699102	5,659	161,606	SH	X			1
MEDIMMUNE INC	COM	584699102	692	19,763	SH			X	1
MEDTRONIC INC	COM	585055106	11,962	207,788	SH	X			1
MEDTRONIC INC	COM	585055106	1,743	30,268	SH			X	1
MELLON FINL CORP	COM	58551A108	392	11,444	SH	X			1
MELLON FINL CORP	COM	58551A108	25	737	SH			X	1
MERCANTILE BANKSHARES	COM	587405101	41	728	SH	X			1
MERCANTILE BANKSHARES	COM	587405101	452	8,000	SH			X	1
MERCK & CO INC	COM	589331107	19,468	612,012	SH	X			1
MERCK & CO INC	COM	589331107	2,888	90,786	SH			X	1
MEREDITH CORP	COM	589433101	618	11,806	SH	X			1
MEREDITH CORP	COM	589433101	22	427	SH			X	1
MERRILL LYNCH & CO INC	COM	590188108	21,629	319,348	SH	X			1
MERRILL LYNCH & CO INC	COM	590188108	112	1,649	SH			X	1
METLIFE INC	COM	59156R108	3,002	61,270	SH	X			1
METLIFE INC	COM	59156R108	99	2,026	SH			X	1
MICHAELS STORES INC	COM	594087108	1,216	34,368	SH	X			1
MICHAELS STORES INC	COM	594087108	11	300	SH			X	1
MICROSOFT CORP	COM	594918104	40,288	1,540,644	SH	X			1
MICROSOFT CORP	COM	594918104	6,465	247,215	SH			X	1
MICROCHIP TECHNOLOGY	COM	595017104	1,045	32,508	SH	X			1
MICRON TECHNOLOGY INC	COM	595112103	510	38,332	SH	X			1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

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

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	INVESTMENT DISCRETION			OTHER MGRS
					SH/PUT/SOLE PRN CALL (A)	SHR (B)	OTHR (C)	
MICROSEMI CORP	COM	595137100	3,685	133,207	SH	X		1
MIDCAP SPDR TR	UNIT SER 1	595635103	8,130	60,359	SH	X		1
MIDCAP SPDR TR	UNIT SER 1	595635103	940	6,977	SH		X	1
MILLER HERMAN INC	COM	600544100	947	33,600	SH	X		1
MILLIPORE CORP	COM	601073109	268	4,064	SH	X		1
MILLIPORE CORP	COM	601073109	3	47	SH		X	1
MODINE MFG CO	COM	607828100	23,766	729,250	SH	X		1
MODINE MFG CO	COM	607828100	598	18,350	SH		X	1
MOHAWK INDS INC	COM	608190104	47	538	SH	X		1
MOHAWK INDS INC	COM	608190104	193	2,215	SH		X	1
MOLSON COORS BREWING CO	CL B	60871R209	18,643	278,293	SH	X		1
MOLSON COORS BREWING CO	CL B	60871R209	761	11,353	SH		X	1
MONSANTO CO NEW	COM	61166W101	1,853	23,905	SH	X		1
MONSANTO CO NEW	COM	61166W101	10	130	SH		X	1
MOODYS CORP	COM	615369105	2,748	44,740	SH	X		1
MOODYS CORP	COM	615369105	256	4,163	SH		X	1
MORGAN STANLEY	COM NEW	617446448	18,405	324,378	SH	X		1
MORGAN STANLEY	COM NEW	617446448	1,848	32,563	SH		X	1
MOTOROLA INC	COM	620076109	2,646	117,118	SH	X		1
MOTOROLA INC	COM	620076109	548	24,266	SH		X	1
MURPHY OIL CORP	COM	626717102	6,583	121,939	SH	X		1
MURPHY OIL CORP	COM	626717102	90	1,676	SH		X	1
NII HLDGS INC	CL B NEW	62913F201	2,221	50,837	SH	X		1
NII HLDGS INC	CL B NEW	62913F201	20	460	SH		X	1
NASDAQ 100 TR	UNIT SER 1	631100104	1,168	28,911	SH	X		1
NASDAQ 100 TR	UNIT SER 1	631100104	134	3,309	SH		X	1
NATIONAL CITY CORP	COM	635405103	8,195	244,131	SH	X		1
NATIONAL CITY CORP	COM	635405103	91	2,717	SH		X	1
NATIONAL FINL PARTNERS	COM	63607P208	2,567	48,846	SH	X		1
NATIONAL OILWELL VARCO	COM	637071101	1,452	23,160	SH	X		1
NATIONAL OILWELL VARCO	COM	637071101	88	1,396	SH		X	1
NATIONAL SEMICONDUCTOR	COM	637640103	8,317	320,147	SH	X		1
NATIONAL SEMICONDUCTOR	COM	637640103	578	22,245	SH		X	1
NATUS MEDICAL INC DEL	COM	639050103	2,101	130,196	SH	X		1
NEOWARE SYS INC	COM	64065P102	2,062	88,515	SH	X		1
NETWORK APPLIANCE INC	COM	64120L104	1,756	65,052	SH	X		1
NETWORK APPLIANCE INC	COM	64120L104	9	324	SH		X	1
NEWELL RUBBERMAID INC	COM	651229106	1,543	64,877	SH	X		1
NEWELL RUBBERMAID INC	COM	651229106	28	1,165	SH		X	1
NEWFIELD EXPL CO	COM	651290108	1,105	22,076	SH	X		1
NEWFIELD EXPL CO	COM	651290108	3	50	SH		X	1
NEWMONT MINING CORP	COM	651639106	579	10,843	SH	X		1
NEWMONT MINING CORP	COM	651639106	142	2,655	SH		X	1
NEWS CORP	CL A	65248E104	740	47,614	SH	X		1
NEWS CORP	CL A	65248E104	20	1,285	SH		X	1
NICHOLAS-APPLEGATE CONV	COM	65370F101	302	20,000	SH	X		1
NICOR INC	COM	654086107	1,368	34,794	SH	X		1
NICOR INC	COM	654086107	64	1,631	SH		X	1

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NIKE INC	CL B	654106103	5,648	65,076	SH	X			1
NIKE INC	CL B	654106103	169	1,944	SH			X	1
NIPPON TELEG & TEL CORP	SPONSORED ADR	654624105	376	16,502	SH			X	1
NISOURCE INC	COM	65473P105	2,910	139,484	SH	X			1
NISOURCE INC	COM	65473P105	53	2,532	SH			X	1
NOKIA CORP	SPONSORED ADR	654902204	675	36,899	SH	X			1
NOKIA CORP	SPONSORED ADR	654902204	460	25,134	SH			X	1
NOBLE ENERGY INC	COM	655044105	10,715	265,872	SH	X			1
NOBLE ENERGY INC	COM	655044105	116	2,878	SH			X	1
NORDSTROM INC	COM	655664100	3,439	91,963	SH	X			1
NORDSTROM INC	COM	655664100	36	972	SH			X	1
NORFOLK SOUTHERN CORP	COM	655844108	2,488	55,488	SH	X			1
NORFOLK SOUTHERN CORP	COM	655844108	32	706	SH			X	1
NORTH FORK BANCORP	COM	659424105	2,212	80,848	SH	X			1
NORTH FORK BANCORP	COM	659424105	538	19,646	SH			X	1
NORTHERN TR CORP	COM	665859104	8,109	156,476	SH	X			1
NORTHERN TR CORP	COM	665859104	768	14,829	SH			X	1
NORTHROP GRUMMAN CORP	COM	666807102	21,455	356,933	SH	X			1
NORTHROP GRUMMAN CORP	COM	666807102	446	7,418	SH			X	1
NOVARTIS A G	SPONSORED ADR	66987V109	6	105	SH	X			1
NOVARTIS A G	SPONSORED ADR	66987V109	357	6,805	SH			X	1
NOVELL INC	COM	670006105	172	19,447	SH	X			1
NUANCE COMMUNICATIONS	COM	67020Y100	1,193	156,358	SH	X			1
NUCOR CORP	COM	670346105	11,244	168,518	SH	X			1
NUCOR CORP	COM	670346105	13	195	SH			X	1
NUVEEN INSD QUALITY MUN	COM	67062N103	193	12,828	SH	X			1
NVIDIA CORP	COM	67066G104	2,773	75,844	SH	X			1
NVIDIA CORP	COM	67066G104	27	735	SH			X	1
NUVASIVE INC	COM	670704105	895	49,463	SH	X			1
NUVEEN INVTS INC	CL A	67090F106	4,709	110,497	SH	X			1
NUVEEN FLA INVT QLTY	COM	670970102	197	13,870	SH	X			1
NUVEEN INSURED FL PRM	COM	67101V108	352	22,850	SH		X		1
OCCIDENTAL PETE CORP	COM	674599105	2,795	34,987	SH	X			1
OCCIDENTAL PETE CORP	COM	674599105	436	5,463	SH			X	1
OLD REP INTL CORP	COM	680223104	102	3,876	SH	X			1
OLD REP INTL CORP	COM	680223104	7,917	301,492	SH			X	1
OMNICARE INC	COM	681904108	20,004	349,590	SH	X			1
OMNICOM GROUP INC	COM	681919106	2,199	25,828	SH	X			1
OMNICOM GROUP INC	COM	681919106	10	112	SH			X	1
ON ASSIGNMENT INC	COM	682159108	3,125	286,391	SH	X			1
ONLINE RES CORP	COM	68273G101	1,266	114,559	SH	X			1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

----- COLUMN 1 ----- COLUMN 2 ----- COLUMN 3 ----- COLUMN 4 ----- COLUMN 5 ----- COLUMN 6 ----- COLUMN 7 -----

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	INVESTMENT DISCRETION				
					SH/PUT/SOLE PRN CALL (A)	SHR OTHER (B)	OTHER (C)	OTHER MGRS	
ORACLE CORP	COM	68389X105	8,335	682,643	SH	X			1
ORACLE CORP	COM	68389X105	224	18,341	SH			X	1

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OPTIONSPRESS HLDGS INC	COM	684010101	1,279	52,108	SH	X		1
O REILLY AUTOMOTIVE INC	COM	686091109	1,511	47,189	SH	X		1
OSHKOSH TRUCK CORP	COM	688239201	431	9,676	SH	X		1
OSHKOSH TRUCK CORP	COM	688239201	2,193	49,190	SH		X	1
PG&E CORP	COM	69331C108	2,362	63,621	SH	X		1
PG&E CORP	COM	69331C108	113	3,046	SH		X	1
PICO HLDGS INC	COM NEW	693366205	1,680	52,074	SH	X		1
PMI GROUP INC	COM	69344M101	1,251	30,468	SH	X		1
PNC FINL SVCS GROUP INC	COM	693475105	7,851	126,970	SH	X		1
PNC FINL SVCS GROUP INC	COM	693475105	62	1,005	SH		X	1
PPG INDS INC	COM	693506107	2,335	40,321	SH	X		1
PPG INDS INC	COM	693506107	268	4,634	SH		X	1
PPL CORP	COM	69351T106	11,701	397,987	SH	X		1
PPL CORP	COM	69351T106	83	2,834	SH		X	1
PACCAR INC	COM	693718108	242	3,491	SH	X		1
PACCAR INC	COM	693718108	4	61	SH		X	1
PACKAGING CORP AMER	COM	695156109	13,006	566,717	SH	X		1
PAR TECHNOLOGY CORP	COM	698884103	1,535	55,303	SH	X		1
PARAMETRIC TECHNOLOGY	COM	699173100	71	11,608	SH	X		1
PARAMETRIC TECHNOLOGY	COM	699173100	2	360	SH		X	1
PARKER HANNIFIN CORP	COM	701094104	25,592	388,000	SH	X		1
PARKER HANNIFIN CORP	COM	701094104	651	9,875	SH		X	1
PATTERSON COMPANIES INC	COM	703395103	313	9,357	SH	X		1
PATTERSON UTI ENERGY	COM	703481101	10,919	331,370	SH	X		1
PATTERSON UTI ENERGY	COM	703481101	3	100	SH		X	1
PAYCHEX INC	COM	704326107	5,565	145,981	SH	X		1
PAYCHEX INC	COM	704326107	5	143	SH		X	1
PEABODY ENERGY CORP	COM	704549104	339	4,111	SH	X		1
PEABODY ENERGY CORP	COM	704549104	11	130	SH		X	1
PENNEY J C INC	COM	708160106	16,843	302,927	SH	X		1
PENNEY J C INC	COM	708160106	737	13,263	SH		X	1
PEOPLES CMNTY BANCORP	COM	71086E107	416	20,650	SH	X		1
PEOPLES ENERGY CORP	COM	711030106	1,089	31,060	SH	X		1
PEOPLES ENERGY CORP	COM	711030106	25	705	SH		X	1
PEPSICO INC	COM	713448108	17,363	293,886	SH	X		1
PEPSICO INC	COM	713448108	3,311	56,042	SH		X	1
PERKINELMER INC	COM	714046109	400	16,980	SH	X		1
PERKINELMER INC	COM	714046109	14	586	SH		X	1
PEROT SYS CORP	CL A	714265105	212	15,000	SH	X		1
PFIZER INC	COM	717081103	30,048	1,288,490	SH	X		1
PFIZER INC	COM	717081103	3,513	150,630	SH		X	1
PHASE FORWARD INC	COM	71721R406	914	93,706	SH	X		1
PHELPS DODGE CORP	COM	717265102	4,032	28,023	SH	X		1
PHELPS DODGE CORP	COM	717265102	22	153	SH		X	1
PIER 1 IMPORTS INC	COM	720279108	7,017	803,795	SH	X		1
PINNACLE WEST CAP CORP	COM	723484101	703	16,994	SH	X		1
PIONEER DRILLING CO	COM	723655106	1,214	67,695	SH	X		1
PIONEER NAT RES CO	COM	723787107	10,329	201,454	SH	X		1
PITNEY BOWES INC	COM	724479100	1,601	37,882	SH	X		1
PITNEY BOWES INC	COM	724479100	100	2,374	SH		X	1
PLACER DOME INC	COM	725906101	371	16,184	SH		X	1
PLAINS EXPL& PRODTN CO	COM	726505100	5,120	128,859	SH	X		1
PLUM CREEK TIMBER CO	COM	729251108	1,981	54,939	SH	X		1
PLUM CREEK TIMBER CO	COM	729251108	725	20,122	SH		X	1
POWELL INDS INC	COM	739128106	501	27,900	SH		X	1
POWERWAVE TECHNOLOGIES	COM	739363109	4,205	334,493	SH	X		1
PRAXAIR INC	COM	74005P104	879	16,590	SH	X		1
PRAXAIR INC	COM	74005P104	151	2,845	SH		X	1
PRECISION CASTPARTS	COM	740189105	2,475	47,771	SH	X		1
PRECISION CASTPARTS	COM	740189105	17	325	SH		X	1
PRICE T ROWE GROUP INC	COM	74144T108	305	4,229	SH	X		1
PRICE T ROWE GROUP INC	COM	74144T108	11	154	SH		X	1

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PRINCIPAL FINANCIAL GRP	COM	74251V102	669	14,103	SH	X			1
PRINCIPAL FINANCIAL GRP	COM	74251V102	95	1,995	SH			X	1
PROCTER & GAMBLE CO	COM	742718109	38,521	665,530	SH	X			1
PROCTER & GAMBLE CO	COM	742718109	5,494	94,918	SH			X	1
PROGRESS ENERGY INC	COM	743263105	5,284	120,304	SH	X			1
PROGRESS ENERGY INC	COM	743263105	86	1,957	SH			X	1
PROGRESSIVE CORP OHIO	COM	743315103	992	8,494	SH	X			1
PROGRESSIVE CORP OHIO	COM	743315103	93	795	SH			X	1
PROLIANCE INTL INC	COM	74340R104	759	143,443	SH	X			1
PROLIANCE INTL INC	COM	74340R104	4	770	SH			X	1
PROLOGIS	SH BEN INT	743410102	239	5,111	SH	X			1
PROLOGIS	SH BEN INT	743410102	2	44	SH			X	1
PROQUEST COMPANY	COM	74346P102	11,823	423,597	SH	X			1
PROTECTIVE LIFE CORP	COM	743674103	11,435	261,253	SH	X			1
PROTECTIVE LIFE CORP	COM	743674103	23	530	SH			X	1
PROTEIN DESIGN LABS INC	COM	74369L103	2,271	79,906	SH	X			1
PRUDENTIAL FINL INC	COM	744320102	4,094	55,933	SH	X			1
PRUDENTIAL FINL INC	COM	744320102	149	2,036	SH			X	1
PSYCHIATRIC SOLUTIONS	COM	74439H108	3,776	64,278	SH	X			1
PUBLIC SVC ENTRPRS GRP	COM	744573106	2,740	42,166	SH	X			1
PUBLIC SVC ENTRPRS GRP	COM	744573106	72	1,113	SH			X	1
PULTE HOMES INC	COM	745867101	8,046	204,432	SH	X			1
PULTE HOMES INC	COM	745867101	13	328	SH			X	1
QSOUND LABS INC	COM NEW	74728C307	644	155,240	SH	X			1
QUALCOMM INC	COM	747525103	2,217	51,471	SH	X			1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION			
						SHR (B)	OTHR (C)	OTHR MGRS	
QUALCOMM INC	COM	747525103	596	13,831	SH			X	1
QUEST DIAGNOSTICS INC	COM	74834L100	240	4,665	SH	X			1
QUEST DIAGNOSTICS INC	COM	74834L100	31	604	SH			X	1
QUESTAR CORP	COM	748356102	196	2,592	SH	X			1
QUESTAR CORP	COM	748356102	61	800	SH			X	1
RACKABLE SYS INC	COM	750077109	2,167	76,073	SH	X			1
RADIAN GROUP INC	COM	750236101	1,834	31,310	SH	X			1
RADIAN GROUP INC	COM	750236101	62	1,054	SH			X	1
RANGE RES CORP	COM	75281A109	1,999	75,880	SH	X			1
RAYONIER INC	COM	754907103	63	1,579	SH	X			1
RAYONIER INC	COM	754907103	291	7,300	SH			X	1
RAYTHEON CO	COM NEW	755111507	386	9,605	SH	X			1
RAYTHEON CO	COM NEW	755111507	98	2,437	SH			X	1
REEBOK INTL LTD	COM	758110100	913	15,675	SH	X			1
REEBOK INTL LTD	COM	758110100	6	98	SH			X	1
REGAL BELOIT CORP	COM	758750103	20,756	586,323	SH	X			1
REGAL BELOIT CORP	COM	758750103	342	9,671	SH			X	1
REGIONS FINANCIAL CORP	COM	7591EP100	2,771	81,121	SH	X			1

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REGIONS FINANCIAL CORP	COM	7591EP100	72	2,111	SH		X	1
REPUBLIC SVCS INC	COM	760759100	11,002	292,998	SH	X		1
REPUBLIC SVCS INC	COM	760759100	107	2,860	SH		X	1
RESMED INC	COM	761152107	3,182	83,063	SH	X		1
RESMED INC	COM	761152107	7	178	SH		X	1
RESPIRONICS INC	COM	761230101	2,716	73,276	SH	X		1
RESPIRONICS INC	COM	761230101	4	100	SH		X	1
REYNOLDS AMERICAN INC	COM	761713106	3,129	32,824	SH	X		1
REYNOLDS AMERICAN INC	COM	761713106	23	246	SH		X	1
RIGHTNOW TECHNOLOGIES	COM	76657R106	1,732	93,818	SH	X		1
RIO TINTO PLC	SPONSORED ADR	767204100	219	1,200	SH	X		1
RIO TINTO PLC	SPONSORED ADR	767204100	79	433	SH		X	1
ROBERT HALF INTL INC	COM	770323103	287	7,585	SH	X		1
ROBERT HALF INTL INC	COM	770323103	3	71	SH		X	1
ROCKWELL AUTOMATION INC	COM	773903109	4,574	77,321	SH	X		1
ROCKWELL AUTOMATION INC	COM	773903109	279	4,714	SH		X	1
ROCKWELL COLLINS INC	COM	774341101	1,381	29,722	SH	X		1
ROCKWELL COLLINS INC	COM	774341101	118	2,540	SH		X	1
ROGERS CORP	COM	775133101	243	6,209	SH	X		1
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	96	1,486	SH	X		1
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	363	5,632	SH		X	1
ROYAL DUTCH SHELL PLC	SPONS ADR A	780259206	5,608	91,204	SH	X		1
ROYAL DUTCH SHELL PLC	SPONS ADR A	780259206	954	15,521	SH		X	1
RYLAND GROUP INC	COM	783764103	1,212	16,806	SH	X		1
SCP POOL CORP	COM	784028102	3,268	87,814	SH	X		1
SLM CORP	COM	78442P106	619	11,236	SH	X		1
SLM CORP	COM	78442P106	16	294	SH		X	1
SPDR TR	UNIT SER 1	78462F103	11,208	90,016	SH	X		1
SPDR TR	UNIT SER 1	78462F103	2,892	23,228	SH		X	1
SVB FINL GROUP	COM	78486Q101	1,707	36,443	SH	X		1
SABRE HLDGS CORP	CL A	785905100	11,689	484,839	SH	X		1
SAFECO CORP	COM	786429100	7,753	137,220	SH	X		1
SAFECO CORP	COM	786429100	6	99	SH		X	1
ST JOE CO	COM	790148100	403	6,000	SH	X		1
ST JUDE MED INC	COM	790849103	2,909	57,941	SH	X		1
ST JUDE MED INC	COM	790849103	603	12,015	SH		X	1
ST PAUL TRAVELERS INC	COM	792860108	5,826	130,416	SH	X		1
ST PAUL TRAVELERS INC	COM	792860108	26	578	SH		X	1
SAKS INC	COM	79377W108	219	13,000	SH	X		1
SALESFORCE COM INC	COM	79466L302	890	27,774	SH	X		1
SALESFORCE COM INC	COM	79466L302	23	725	SH		X	1
SALOMON BROS GLBL HGH	COM	79550G102	256	20,000	SH	X		1
SANDISK CORP	COM	80004C101	1,460	23,234	SH	X		1
SANDISK CORP	COM	80004C101	97	1,550	SH		X	1
SANOFI AVENTIS	SPONSORED ADR	80105N105	211	4,808	SH	X		1
SAP AKTIENGESELLSCHAFT	SPONSORED ADR	803054204	157	3,480	SH	X		1
SAP AKTIENGESELLSCHAFT	SPONSORED ADR	803054204	61	1,345	SH		X	1
SARA LEE CORP	COM	803111103	4,467	236,352	SH	X		1
SARA LEE CORP	COM	803111103	554	29,298	SH		X	1
SCHERING PLOUGH CORP	COM	806605101	966	46,329	SH	X		1
SCHERING PLOUGH CORP	COM	806605101	348	16,669	SH		X	1
SCHLUMBERGER LTD	COM	806857108	5,323	54,792	SH	X		1
SCHLUMBERGER LTD	COM	806857108	766	7,881	SH		X	1
SCHOLASTIC CORP	COM	807066105	6,940	243,415	SH	X		1
SCHWAB CHARLES CORP	COM	808513105	245	16,697	SH	X		1
SCIENTIFIC ATLANTA INC	COM	808655104	387	8,994	SH	X		1
SCIENTIFIC ATLANTA INC	COM	808655104	9	215	SH		X	1
SCIENTIFIC GAMES CORP	CL A	80874P109	2,219	81,331	SH	X		1
SCIENTIFIC GAMES CORP	CL A	80874P109	4	135	SH		X	1
SEALED AIR CORP NEW	COM	81211K100	7,859	139,915	SH	X		1
SEALED AIR CORP NEW	COM	81211K100	44	790	SH		X	1
SEARS HLDGS CORP	COM	812350106	414	3,587	SH	X		1

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SEARS HLDGS CORP	COM	812350106	24	206	SH		X	1
SELECT SECTOR SPDR TR	SBI CONS DISCR	81369Y407	202	6,184	SH	X		1
SELECT SECTOR SPDR TR	SBI CONS DISCR	81369Y407	119	3,646	SH		X	1
SELECT SECTOR SPDR TR	SBI INT-TECH	81369Y803	505	24,170	SH	X		1
SELECT SECTOR SPDR TR	SBI INT-UTILS	81369Y886	154	4,918	SH	X		1
SELECT SECTOR SPDR TR	SBI INT-UTILS	81369Y886	46	1,461	SH		X	1
SEMPRA ENERGY	COM	816851109	285	6,345	SH	X		1
SEMPRA ENERGY	COM	816851109	54	1,209	SH		X	1
SEPRACOR INC	COM	817315104	961	18,633	SH	X		1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

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

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL(A)	INVESTMENT DISCRETION			
						SHR (B)	OTHR (C)	OTHR (C)	MGRS
SHERWIN WILLIAMS CO	COM	824348106	12,705	279,731	SH	X			1
SHERWIN WILLIAMS CO	COM	824348106	18	388	SH			X	1
SIEMENS A G	SPONSORED ADR	826197501	167	1,947	SH	X			1
SIEMENS A G	SPONSORED ADR	826197501	425	4,970	SH			X	1
SIGMA ALDRICH CORP	COM	826552101	1,158	18,291	SH	X			1
SIGMA ALDRICH CORP	COM	826552101	34	542	SH			X	1
SIMON PPTY GROUP INC	COM	828806109	3,029	39,527	SH	X			1
SIMON PPTY GROUP INC	COM	828806109	65	854	SH			X	1
SIRIUS SATELLITE RADIO	COM	82966U103	67	10,000	SH	X			1
SIRIUS SATELLITE RADIO	COM	82966U103	7	1,000	SH			X	1
SIRF TECHNOLOGY HLDGS	COM	82967H101	2,910	97,651	SH	X			1
SKYWORKS SOLUTIONS INC	COM	83088M102	67	13,200	SH	X			1
SMITH A O	COM	831865209	26	733	SH	X			1
SMITH A O	COM	831865209	281	8,000	SH			X	1
SMITH INTL INC	COM	832110100	259	6,979	SH	X			1
SMITH INTL INC	COM	832110100	3	76	SH			X	1
SMITH MICRO SOFTWARE	COM	832154108	762	130,175	SH	X			1
SMUCKER J M CO	COM NEW	832696405	30	689	SH	X			1
SMUCKER J M CO	COM NEW	832696405	293	6,670	SH			X	1
SNAP ON INC	COM	833034101	18,255	486,024	SH	X			1
SNAP ON INC	COM	833034101	343	9,140	SH			X	1
SONOSITE INC	COM	83568G104	917	26,183	SH	X			1
SOUTHERN CO	COM	842587107	5,094	147,524	SH	X			1
SOUTHERN CO	COM	842587107	525	15,202	SH			X	1
SOUTHWESTERN ENERGY CO	COM	845467109	520	14,480	SH	X			1
SOVEREIGN BANCORP INC	COM	845905108	659	30,481	SH	X			1
SPRINT NEXTEL CORP	COM FON	852061100	6,454	276,304	SH	X			1
SPRINT NEXTEL CORP	COM FON	852061100	237	10,165	SH			X	1
STAMPS COM INC	COM NEW	852857200	1,317	57,364	SH	X			1
STAPLES INC	COM	855030102	4,097	180,424	SH	X			1
STAPLES INC	COM	855030102	30	1,302	SH			X	1
STARBUCKS CORP	COM	855244109	834	27,799	SH	X			1
STARBUCKS CORP	COM	855244109	103	3,440	SH			X	1
STARWOOD HTLS & RSRTS	PAIRED CTF	85590A203	2,282	35,727	SH	X			1

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STARWOOD HTLS & RSRTS	PAIRED CTF	85590A203	75	1,170	SH		X	1
STATE STR CORP	COM	857477103	10,275	185,344	SH	X		1
STATE STR CORP	COM	857477103	18	332	SH		X	1
STORA ENSO CORP	SPON ADR REP R	86210M106	998	73,820	SH	X		1
STORA ENSO CORP	SPON ADR REP R	86210M106	401	29,632	SH		X	1
STRYKER CORP	COM	863667101	508	11,432	SH	X		1
STRYKER CORP	COM	863667101	495	11,130	SH		X	1
SUN MICROSYSTEMS INC	COM	866810104	27	6,376	SH	X		1
SUN MICROSYSTEMS INC	COM	866810104	36	8,560	SH		X	1
SUNCOR ENERGY INC	COM	867229106	6	100	SH	X		1
SUNCOR ENERGY INC	COM	867229106	291	4,613	SH		X	1
SUNOCO INC	COM	86764P109	5,544	70,729	SH	X		1
SUNOCO INC	COM	86764P109	42	539	SH		X	1
SUNTRUST BKS INC	COM	867914103	4,400	60,477	SH	X		1
SUNTRUST BKS INC	COM	867914103	100	1,374	SH		X	1
SUPERVALU INC	COM	868536103	260	7,999	SH	X		1
SUPERVALU INC	COM	868536103	18	545	SH		X	1
SURMODICS INC	COM	868873100	247	6,665	SH	X		1
SWISSCOM AG	SPONSORED ADR	871013108	361	11,465	SH		X	1
SYMANTEC CORP	COM	871503108	3,182	181,855	SH	X		1
SYMANTEC CORP	COM	871503108	198	11,324	SH		X	1
SYMBOL TECHNOLOGIES INC	COM	871508107	1,446	112,824	SH	X		1
SYMBOL TECHNOLOGIES INC	COM	871508107	4	344	SH		X	1
SYMMETRY MED INC	COM	871546206	909	46,905	SH	X		1
SYNOPSYS INC	COM	871607107	11,106	553,626	SH	X		1
SYNOVUS FINL CORP	COM	87161C105	1,172	43,404	SH	X		1
SYNOVUS FINL CORP	COM	87161C105	6	211	SH		X	1
SYSCO CORP	COM	871829107	4,570	147,171	SH	X		1
SYSCO CORP	COM	871829107	405	13,029	SH		X	1
TCF FINL CORP	COM	872275102	456	16,802	SH	X		1
TCF FINL CORP	COM	872275102	48	1,760	SH		X	1
TECO ENERGY INC	COM	872375100	3,949	229,870	SH	X		1
TECO ENERGY INC	COM	872375100	14	800	SH		X	1
TJX COS INC NEW	COM	872540109	1,903	81,938	SH	X		1
TJX COS INC NEW	COM	872540109	27	1,155	SH		X	1
TNT N V	SPONSORED ADR	87260W101	478	15,277	SH		X	1
TXU CORP	COM	873168108	804	16,012	SH	X		1
TXU CORP	COM	873168108	37	745	SH		X	1
TARGET CORP	COM	87612E106	4,206	76,514	SH	X		1
TARGET CORP	COM	87612E106	1,979	36,000	SH		X	1
TEGAL CORP	COM	879008100	11	18,600	SH	X		1
TELECOM ITALIA S P A	SPON ADR SVGS	87927Y201	547	22,278	SH		X	1
TEMPLE INLAND INC	COM	879868107	298	6,652	SH	X		1
TEMPLE INLAND INC	COM	879868107	4	80	SH		X	1
TEVA PHARMACEUTICAL	ADR	881624209	248	5,765	SH	X		1
TEVA PHARMACEUTICAL	ADR	881624209	10	230	SH		X	1
TEXAS INSTRS INC	COM	882508104	7,108	221,632	SH	X		1
TEXAS INSTRS INC	COM	882508104	763	23,786	SH		X	1
TEXTRON INC	COM	883203101	1,984	25,771	SH	X		1
TEXTRON INC	COM	883203101	14	184	SH		X	1
THERMO ELECTRON CORP	COM	883556102	391	12,984	SH	X		1
THERMO ELECTRON CORP	COM	883556102	10	326	SH		X	1
THIRD WAVE TECHNOLOGIES	COM	88428W108	7	2,500	SH	X		1
THIRD WAVE TECHNOLOGIES	COM	88428W108	113	38,000	SH		X	1
3M CO	COM	88579Y101	25,865	333,742	SH	X		1

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MARSHALL & ILSLEY TRUST CO N.A.
 SECURITIES AND EXCHANGE COMMISSION FORM 13F
 ASSETS AS OF 12/31/2005

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

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	INVESTMENT DISCRETION				
					SH/PUT/SOLE PRN CALL (A)	SHR (B)	OTHR (C)	OTHR MGRS	
3M CO	COM	88579Y101	4,736	61,106	SH			X	1
TIFFANY & CO NEW	COM	886547108	574	14,983	SH	X			1
TIFFANY & CO NEW	COM	886547108	8	198	SH			X	1
TIME WARNER INC	COM	887317105	8,862	508,127	SH	X			1
TIME WARNER INC	COM	887317105	950	54,494	SH			X	1
TITANIUM METALS CORP	COM NEW	888339207	329	5,200	SH	X			1
TOMKINS PLC	SPONSORED ADR	890030208	260	12,610	SH			X	1
TORCHMARK CORP	COM	891027104	390	7,007	SH	X			1
TORCHMARK CORP	COM	891027104	12	221	SH			X	1
TOWER GROUP INC	COM	891777104	2,289	104,149	SH	X			1
TOWER GROUP INC	COM	891777104	6	290	SH			X	1
TRAMMELL CROW CO	COM	89288R106	1,604	62,525	SH	X			1
TRANSACTN SYS ARCHITCTS	COM	893416107	4,597	159,686	SH	X			1
TRIBUNE CO NEW	COM	896047107	8,669	286,487	SH	X			1
TRIBUNE CO NEW	COM	896047107	0	15	SH			X	1
TRUE RELIGION APPAREL	COM	89784N104	1,602	104,055	SH	X			1
TUPPERWARE BRANDS CORP	COM	899896104	184	8,204	SH	X			1
TUPPERWARE BRANDS CORP	COM	899896104	604	26,951	SH			X	1
24/7 REAL MEDIA INC	COM NEW	901314203	1,949	265,486	SH	X			1
TYCO INTL LTD NEW	COM	902124106	2,318	80,325	SH	X			1
TYCO INTL LTD NEW	COM	902124106	535	18,554	SH			X	1
UST INC	COM	902911106	2,475	60,629	SH	X			1
UST INC	COM	902911106	104	2,541	SH			X	1
US BANCORP DEL	COM NEW	902973304	17,847	597,085	SH	X			1
US BANCORP DEL	COM NEW	902973304	3,093	103,488	SH			X	1
USI HLDGS CORP	COM	90333H101	287	20,838	SH	X			1
UNION PAC CORP	COM	907818108	810	10,059	SH	X			1
UNION PAC CORP	COM	907818108	204	2,529	SH			X	1
UNITED PARCEL SERVICE	CL B	911312106	11,831	157,434	SH	X			1
UNITED PARCEL SERVICE	CL B	911312106	566	7,531	SH			X	1
UNITED TECHNOLOGIES	COM	913017109	5,004	89,505	SH	X			1
UNITED TECHNOLOGIES	COM	913017109	1,004	17,951	SH			X	1
UNITED UTILS PLC	SPONSORED ADR	91311Q105	404	17,290	SH			X	1
UNITEDHEALTH GROUP INC	COM	91324P102	7,356	118,372	SH	X			1
UNITEDHEALTH GROUP INC	COM	91324P102	213	3,422	SH			X	1
UNITRIN INC	COM	913275103	1,034	22,956	SH	X			1
UNIVISION COMMUNICATNS	CL A	914906102	535	18,190	SH	X			1
UNIVISION COMMUNICATNS	CL A	914906102	7	250	SH			X	1
V F CORP	COM	918204108	1,109	20,037	SH	X			1
V F CORP	COM	918204108	2	39	SH			X	1
VALERO ENERGY CORP NEW	COM	91913Y100	7,377	142,959	SH	X			1
VALERO ENERGY CORP NEW	COM	91913Y100	233	4,514	SH			X	1
VAN KAMPEN TR INVT GRD	COM	920929106	301	20,385	SH	X			1
VAN KAMPEN TR INVT GRD	COM	920929106	487	33,000	SH			X	1
VAN KAMPEN MUN OPPRTY	COM	920935103	320	21,895	SH	X			1
VAN KAMPEN MUN OPPRTY	COM	920935103	482	33,000	SH			X	1
VAN KAMPEN MUN OPPRTY	COM	920944105	189	13,678	SH	X			1
VASCO DATA SEC INTL INC	COM	92230Y104	1,540	156,213	SH	X			1
VECTREN CORP	COM	92240G101	195	7,169	SH	X			1
VECTREN CORP	COM	92240G101	5	200	SH			X	1

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VANGUARD INDEX TR	STK MRK VIPERS	922908769	677	5,491	SH	X			1
VERIZON COMMUNICATIONS	COM	92343V104	28,467	945,105	SH	X			1
VERIZON COMMUNICATIONS	COM	92343V104	2,213	73,482	SH			X	1
VIACOM INC	CL B	925524308	1,273	39,037	SH	X			1
VIACOM INC	CL B	925524308	539	16,538	SH			X	1
VODAFONE GROUP PLC NEW	SPONSORED ADR	92857W100	277	12,902	SH	X			1
VODAFONE GROUP PLC NEW	SPONSORED ADR	92857W100	36	1,695	SH			X	1
VORNADO RLTY TR	SH BEN INT	929042109	142	1,705	SH	X			1
VORNADO RLTY TR	SH BEN INT	929042109	149	1,780	SH			X	1
WPS RESOURCES CORP	COM	92931B106	1,818	32,871	SH	X			1
WPS RESOURCES CORP	COM	92931B106	337	6,100	SH			X	1
WACHOVIA CORP 2ND NEW	COM	929903102	15,912	301,031	SH	X			1
WACHOVIA CORP 2ND NEW	COM	929903102	554	10,479	SH			X	1
WACOAL HOLDINGS CORP	ADR	930004205	233	3,443	SH			X	1
WAL MART STORES INC	COM	931142103	15,741	336,354	SH	X			1
WAL MART STORES INC	COM	931142103	2,795	59,728	SH			X	1
WALGREEN CO	COM	931422109	19,372	437,686	SH	X			1
WALGREEN CO	COM	931422109	6,454	145,822	SH			X	1
WASHINGTON MUT INC	COM	939322103	7,914	181,937	SH	X			1
WASHINGTON MUT INC	COM	939322103	148	3,410	SH			X	1
WASTE MGMT INC DEL	COM	94106L109	245	8,068	SH	X			1
WASTE MGMT INC DEL	COM	94106L109	245	8,082	SH			X	1
WATERS CORP	COM	941848103	260	6,877	SH	X			1
WATERS CORP	COM	941848103	8	202	SH			X	1
WATSON WYATT WORLDWIDE	CL A	942712100	12,067	432,517	SH	X			1
WATSON WYATT WORLDWIDE	CL A	942712100	10	372	SH			X	1
WAUSAU PAPER CORP	COM	943315101	2,519	212,582	SH	X			1
WAUSAU PAPER CORP	COM	943315101	3,132	264,303	SH			X	1
WAUWATOSA HLDGS INC	COM	94348P108	8,729	763,015	SH	X			1
WEBSIDESTORY INC	COM	947685103	849	46,849	SH	X			1
WEINGARTEN RLTY INVS	SH BEN INT	948741103	17	459	SH	X			1
WEINGARTEN RLTY INVS	SH BEN INT	948741103	586	15,499	SH			X	1
WELLCARE HEALTH PLANS	COM	94946T106	1,320	32,303	SH	X			1
WELLPOINT INC	COM	94973V107	14,220	178,215	SH	X			1
WELLPOINT INC	COM	94973V107	50	632	SH			X	1
WELLS FARGO & CO NEW	COM	949746101	48,961	779,268	SH	X			1
WELLS FARGO & CO NEW	COM	949746101	3,606	57,390	SH			X	1
WESCO INTL INC	COM	95082P105	1,779	41,640	SH	X			1
WESCO INTL INC	COM	95082P105	12	274	SH			X	1

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MARSHALL & ILSLEY TRUST CO N.A.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL (A)	INVESTMENT DISCRETION			
						SHR (B)	OTHR (C)	OTHR (D)	MGRS (E)
WEYERHAEUSER CO	COM	962166104	16,723	252,080	SH	X			1
WEYERHAEUSER CO	COM	962166104	1,546	23,310	SH			X	1
WHIRLPOOL CORP	COM	963320106	509	6,072	SH	X			1
WHIRLPOOL CORP	COM	963320106	208	2,481	SH			X	1

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WHITING PETE CORP NEW	COM	966387102	1,666	41,651	SH	X			1
WHITING PETE CORP NEW	COM	966387102	10	260	SH			X	1
WHOLE FOODS MKT INC	COM	966837106	1,414	18,266	SH	X			1
WHOLE FOODS MKT INC	COM	966837106	202	2,610	SH			X	1
WILLIAMS COS INC DEL	COM	969457100	454	19,584	SH	X			1
WILLIAMS COS INC DEL	COM	969457100	114	4,899	SH			X	1
WILSONS LEATHER EXPRTS	COM	972463103	945	260,413	SH	X			1
WISCONSIN ENERGY CORP	COM	976657106	4,249	108,788	SH	X			1
WISCONSIN ENERGY CORP	COM	976657106	1,387	35,521	SH			X	1
WRIGLEY WM JR CO	COM	982526105	2,812	42,293	SH	X			1
WRIGLEY WM JR CO	COM	982526105	1,110	16,688	SH			X	1
WYETH	COM	983024100	9,316	202,210	SH	X			1
WYETH	COM	983024100	2,291	49,736	SH			X	1
XM SATELLITE RADIO HLDG	CL A	983759101	557	20,429	SH	X			1
XM SATELLITE RADIO HLDG	CL A	983759101	10	360	SH			X	1
XTO ENERGY INC	COM	98385X106	2,329	53,009	SH	X			1
XTO ENERGY INC	COM	98385X106	356	8,112	SH			X	1
XCEL ENERGY INC	COM	98389B100	10,387	562,692	SH	X			1
XCEL ENERGY INC	COM	98389B100	129	7,008	SH			X	1
XEROX CORP	COM	984121103	13,060	891,476	SH	X			1
XEROX CORP	COM	984121103	1	41	SH			X	1
YAHOO INC	COM	984332106	1,783	45,500	SH	X			1
YAHOO INC	COM	984332106	110	2,795	SH			X	1
YUBET COM INC	COM	987413101	1,132	239,359	SH	X			1
YUM BRANDS INC	COM	988498101	2,875	61,325	SH	X			1
YUM BRANDS INC	COM	988498101	112	2,390	SH			X	1
ZIMMER HLDGS INC	COM	98956P102	2,628	38,964	SH	X			1
ZIMMER HLDGS INC	COM	98956P102	427	6,332	SH			X	1
ZIONS BANCORPORATION	COM	989701107	361	4,782	SH	X			1
ZIONS BANCORPORATION	COM	989701107	3	40	SH			X	1
ZOLTEK COS INC	COM	98975W104	304	34,600	SH			X	1
FINAL TOTALS			4,067,846						

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M&I INVESTMENT MANAGEMENT CORP.
SECURITIES AND EXCHANGE COMMISSION FORM 13F
ASSETS AS OF 12/31/2005

----- COLUMN 1 ----- COLUMN 2 ----- COLUMN 3 ----- COLUMN 4 ----- COLUMN 5 ----- COLUMN 6 ----- COLUMN 7 -----

NAME OF ISSUER	TITLE OF CLASS	CUSIP	MARKET VALUE (X\$1000)	SHRS OR PRN AMT	SH/PUT/SOLE PRN CALL	INVESTMENT DISCRETION			
						(A)	(B)	(C)	
COOPER INDS LTD	CL A	G24182100	239	3,270	SH	X			5
XL CAP LTD	CL A	G98255105	418	6,200	SH	X			5
ALTRIA GROUP INC	COM	02209S103	347	4,640	SH	X			5
ASSOCIATED BANC CORP	COM	045487105	312	9,600	SH	X			5
BB&T CORP	COM	054937107	377	8,994	SH	X			5
BANK OF AMERICA CORP	COM	060505104	847	18,362	SH	X			5
BELLSOUTH CORP	COM	079860102	505	18,645	SH	X			5
BRISTOL MYERS SQUIBB CO	COM	110122108	434	18,870	SH	X			5
CHEVRON CORP NEW	COM	166764100	798	14,057	SH	X			5
CITIGROUP INC	COM	172967101	836	17,228	SH	X			5

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DEL MONTE FOODS CO	COM	24522P103	112	10,750	SH	X	5
DEVELOPERS DIVERSIFIED	COM	251591103	419	8,905	SH	X	5
DOMINION RES INC VA NEW	COM	25746U109	395	5,120	SH	X	5
DOW CHEM CO	COM	260543103	448	10,225	SH	X	5
DU PONT E I DE NEMOURS &	CCOM	263534109	421	9,904	SH	X	5
DUKE ENERGY CORP	COM	264399106	272	9,895	SH	X	5
EASTMAN CHEM CO	COM	277432100	388	7,524	SH	X	5
EXELON CORP	COM	30161N101	284	5,341	SH	X	5
EXXON MOBIL CORP	COM	30231G102	254	4,530	SH	X	5
GENERAL ELECTRIC CO	COM	369604103	755	21,540	SH	X	5
GENERAL GROWTH PPTYS	COM	370021107	535	11,390	SH	X	5
INLAND REAL ESTATE CORP	COM NEW	457461200	281	19,000	SH	X	5
ISHARES TR	RUSSELL MCP GR	464287481	3,535	37,620	SH	X	5
ISHARES TR	RUSL 2000 GROW	464287648	4,152	59,600	SH	X	5
JP MORGAN CHASE & CO	COM	46625H100	771	19,413	SH	X	5
KERR MCGEE CORP	COM	492386107	614	6,755	SH	X	5
KIMBERLY CLARK CORP	COM	494368103	272	4,565	SH	X	5
KINDER MORGAN INC KANS	COM	49455P101	210	2,289	SH	X	5
MANPOWER INC	COM	56418H100	215	4,630	SH	X	5
MERCK & CO INC	COM	589331107	750	23,580	SH	X	5
MICROSOFT CORP	COM	594918104	264	10,101	SH	X	5
MOLSON COORS BREWING CO	CL B	60871R209	236	3,525	SH	X	5
PPG INDS INC	COM	693506107	273	4,720	SH	X	5
PPL CORP	COM	69351T106	482	16,392	SH	X	5
PARKER HANNIFIN CORP	COM	701094104	227	3,440	SH	X	5
PITNEY BOWES INC	COM	724479100	293	6,930	SH	X	5
PUBLIC SVC ENTERPRISE	COM	744573106	235	3,613	SH	X	5
RPM INTL INC	COM	749685103	288	16,600	SH	X	5
SBC COMMUNICATIONS INC	COM	78387G103	511	20,280	SH	X	5
ST PAUL TRAVELERS INC	COM	792860108	317	7,100	SH	X	5
SIMON PPTY GROUP INC	COM	828806109	430	5,608	SH	X	5
SNAP ON INC	COM	833034101	242	6,445	SH	X	5
SOUTHERN CO	COM	842587107	247	7,164	SH	X	5
STANLEY WKS	COM	854616109	355	7,400	SH	X	5
US BANCORP DEL	COM NEW	902973304	476	15,937	SH	X	5
VERIZON COMMUNICATIONS	COM	92343V104	665	22,063	SH	X	5
VORNADO RLTY TR	SH BEN INT	929042109	473	5,670	SH	X	5
WACHOVIA CORP 2ND NEW	COM	929903102	606	11,468	SH	X	5
WASHINGTON MUT INC	COM	939322103	389	8,933	SH	X	5
WELLS FARGO & CO NEW	COM	949746101	794	12,644	SH	X	5
WEYERHAEUSER CO	COM	962166104	298	4,490	SH	X	5

FINAL TOTALS

28,297
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