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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 - 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	
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.  
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- - - 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 OTHR (B)	OTHR (C)	OTHR MGRS	
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 - COLUM

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.  
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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	
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 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)	
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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----- 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 - 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	
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  
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- - - - 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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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 & C	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

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28,297  
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