

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

Form 13F

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: March 31, 2010

Check here if Amendment []; Amendment Number:
This Amendment (Check only one.): [] is a restatement.
[] adds new holdings entries

Institutional Investment Manager Filing this Report:

Name: Macatawa Bank Corporation
Address: 10753 Macatawa Drive
Holland, MI 49424

Form 13F File Number: 28-13033

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 the Reporting Manager:

Name: Nadine Terpstra
Title: Vice President-Trust Operations Manager
Phone: 616-233-3311

Signature, Place, and Date of Signing:

/s/ Nadine Terpstra Holland, MI May 7, 2010
[Signature] [City, State] [Date]
Nadine Terpstra

Report Type (Check only one.):

- 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).)

CELGENE CORP 2483	COM	151020104	464	7484	SH	DEFINED	1	5001	0
CHURCH & DWIGHT CO INC 2319	COM	171340102	452	6756	SH	DEFINED	1	4437	0
COCA COLA COMPANY 1187	COM	191216100	250	4551	SH	DEFINED	1	3364	0
COGNIZANT TECH SOLUTIONS CORP CL A 8860	COM	192446102	923	18095	SH	DEFINED	1	9235	0
DOLLAR TREE INC 1826	COM	256746108	325	5488	SH	DEFINED	1	3662	0
DOVER CORPORATION 2989	COM	260003108	407	8706	SH	DEFINED	1	5717	0
FLIR SYSTEMS INC 5399	COM	302445101	439	15555	SH	DEFINED	1	10156	0
FIRST SOLAR INC 666	COM	336433107	243	1982	SH	DEFINED	1	1316	0
FISERV INC 3880	COM	337738108	313	6173	SH	DEFINED	1	2293	0
FLUOR CORPORATION NEW 1921	COM	343412102	279	6000	SH	DEFINED	1	4079	0
GENERAL ELECTRIC CO 0	COM	369604103	287	15760	SH	DEFINED	1	15760	0
GILEAD SCIENCES INC 2745	COM	375558103	381	8379	SH	DEFINED	1	5634	0
HANSEN NATURAL CORP 3943	COM	411310105	499	11508	SH	DEFINED	1	7565	0
HUNTINGTON BANCSHARES INC 1962	COM	446150104	304	56369	SH	DEFINED	1	54407	0
INTEL CORP 2879	COM	458140100	232	10421	SH	DEFINED	1	7542	0
JOHNSON & JOHNSON 4375	COM	478160104	597	9162	SH	DEFINED	1	4787	0
LILLY ELI & COMPANY 2648	COM	532457108	307	8466	SH	DEFINED	1	5818	0
MACATAWA BANK CORP 256130	COM	554225102	586	334971	SH	DEFINED	1	78841	0
MC DONALDS CORP 1020	COM	580135101	249	3736	SH	DEFINED	1	2716	0
MICROSOFT CORP 2156	COM	594918104	210	7182	SH	DEFINED	1	5026	0
MURPHY OIL CORP HLDG 2211	COM	626717102	371	6592	SH	DEFINED	1	4381	0
NORTHERN TRUST CORP 2970	COM	665859104	430	7781	SH	DEFINED	1	4811	0
PEPSICO INCORPORATED 1870	COM	713448108	224	3374	SH	DEFINED	1	1504	0
PERRIGO CO 2230	COM	714290103	374	6380	SH	DEFINED	1	4150	0
PFIZER INC 0	COM	717081103	8279	482714	SH	DEFINED	1	482714	0
PHILIP MORRIS INTERNATIONAL INC 0	COM	718172109	322	6180	SH	DEFINED	1	6180	0
PRICELINE.COM INC NEW 663	COM	741503403	495	1941	SH	DEFINED	1	1278	0
PROCTER & GAMBLE CO 1210	COM	742718109	254	4006	SH	DEFINED	1	2796	0
SCHLUMBERGER LTD F 6602	COM	806857108	877	13818	SH	DEFINED	1	7216	0
SCHWAB CHARLES CORP 158	COM	808513105	222	11899	SH	DEFINED	1	11741	0
STRYKER CORP 5981	COM	863667101	7286	127340	SH	DEFINED	1	121359	0
TEVA PHARM INDS LTD ADRF SPONS 2040	COM	881624209	239	3790	SH	DEFINED	1	1750	0
URBAN OUTFITTERS INC 109	COM	917047102	274	7185	SH	DEFINED	1	7076	0
VANGUARD MID-CAP VIPERS 0		922908629	416	6382	SH	DEFINED	1	6382	0
A T & T INC NEW 3260	COM	00206R102	319	12341	SH	DEFINED	1	9081	0
ACTIVISION BLIZZARD INC 6455	COM	00507V109	240	19839	SH	DEFINED	1	13384	0
ADOBE SYSTEMS INC 7206	COM	00724F101	565	15982	SH	DEFINED	1	8776	0
C H ROBINSON WORLDWD NEW 1934	COM	12541W209	326	5842	SH	DEFINED	1	3908	0
CAMERON INTL CORP 3808	COM	13342B105	496	11581	SH	DEFINED	1	7773	0
CISCO SYSTEMS INC 10100	COM	17275R102	412	15820	SH	DEFINED	1	5720	0
DIAMOND OFFSHR DRILLING 1357	COM	25271C102	364	4094	SH	DEFINED	1	2737	0
EXXON MOBIL CORPORATION	COM	30231G102	536	8002	SH	DEFINED	1	5256	0

2746									
FRONTIER COMMUNICATIONS	COM	35906A108	96	12941	SH	DEFINED	1	8308	0
4633									
GLOBAL PAYMENTS INC	COM	37940X102	285	6267	SH	DEFINED	1	4170	0
2097									
GOLDMAN SACHS GROUP INC	COM	38141G104	284	1665	SH	DEFINED	1	1101	0
564									
GOOGLE INC CLASS A	COM	38259P508	625	1101	SH	DEFINED	1	612	0
489									
ITT EDUCATIONAL SERVICES COM	COM	45068B109	285	2534	SH	DEFINED	1	1667	0
867									
INTUITIVE SURGICAL NEW	COM	46120E602	756	2173	SH	DEFINED	1	1420	0
753									
MASTERCARD INC	COM	57636Q104	348	1371	SH	DEFINED	1	923	0
448									
MONSANTO CO NEW COM	COM	61166W101	6147	86067	SH	DEFINED	1	86067	0
0									
N I I HOLDINGS INC NEW	COM	62913F201	464	11124	SH	DEFINED	1	7422	0
3702									
WASTE MANAGEMENT INC	COM	94106L109	342	9939	SH	DEFINED	1	9939	0
0									

Grand Total			42576	1499229				1102482	0
396747									
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