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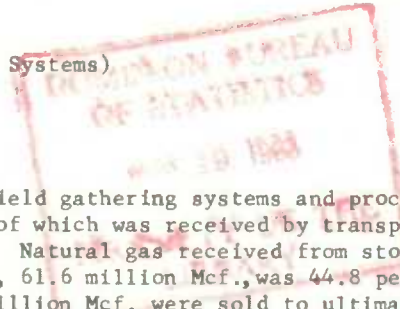
Published by Authority of the Minister of Trade and Commerce

Vol. 4, No. 9

Price: \$2.00 per year

## Gas Utilities (Transport and Distribution Systems)

SEPTEMBER 1962



During September 1962 gas utilities received from field gathering systems and processing plants 60.4 million Mcf. of natural gas, 45.1 million Mcf. of which was received by transport systems and 15.3 million Mcf. received by the distribution systems. Natural gas received from storage amounted to 299,578 Mcf. The total supply of gas utilities, 61.6 million Mcf., was 44.8 per cent higher than in September 1961. Of the total supply, 25.7 million Mcf. were sold to ultimate customers in Canada, an increase of 12.0 per cent, while exports amounted to 30.7 million Mcf., an increase of 155.0 per cent. The difference between gas supply and deliveries was accounted for by losses including cyclical billing adjustments, B.T.U. adjustments, line pack changes and small deliveries to storage. Transport systems delivered 16.1 million Mcf. to distribution systems, an increase of 11.2 per cent over last year.

For the twelve-month period ended September 1962 exports totalled 312 million Mcf., and net deliveries 729 million Mcf.

Line pack changes included changes in the transport systems as well as certain changes in the transmission lines of the distribution systems. The changes in line pack of the transport systems are given separately in Table 3.

The transport systems which represent virtually all of the major "inter-city" movements of natural gas had traffic amounting to 40.5 billion commodity (Mcf.) miles during September compared with 31.8 billion for the same period last year. Ton miles totalled 922 million for September 1962. The daily average deliveries of gas utilities amounted to 2.0 million Mcf./day.

Revenue for the natural gas utilities for the month was \$21,560,133 and for manufactured and liquefied petroleum gases systems was \$174,640 giving a combined utilities total of \$21,734,773.

For the nine-month period January to September 1962, net receipts totalled 572 million Mcf. compared with 402 million Mcf. last year; total net deliveries amounted to 571 million Mcf. compared with 393 million Mcf. for the same nine months in 1961.

Volumes in this report are given in thousands of standard cubic feet (Mcf.) at 14.73 pounds per square inch absolute, and 60°F; sales volumes are given in thousands of standard cubic feet containing 1,000 B.T.U. per cubic foot.

Prepared in the public Utilities Section  
Public Finance and Transportation Division

March 1963  
8506-503

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1962

No.		New Brunswick	Quebec	Ontario	
			Mcf.		
	<u>Receipts</u>				
	Receipts from fields or processing plants:				
1	By transport systems .....	-	-	-	
2	By distribution systems .....	7,929	-	795,875	
3	Totals .....	7,929	-	795,875	
4	Imports .....	-	-	859,154	
5	Other receipts .....	-	-	-	
6	Total net receipts .....	7,929	-	1,655,029	
7	Received from storage .....	-	-	177,429	
8	Total supply of gas utilities .....	7,929	-	1,832,458	
	Transfers:				
9	Interprovincial .....	-	2,115,280	12,702,075	
10	Other .....	-	2,134,925	15,508,181	
11	Total gross receipts .....	7,929	4,250,205	30,042,714	
	<u>Disposition</u>				
	Sales:				
12	Residential .....	4,648	302,596	1,401,098	
13	Industrial .....	-	1,581,616	6,201,996	
14	Commercial .....	909	94,374	1,113,257	
15	Total sales .....	5,557	1,978,586	8,716,351	
16	Exports .....	-	-	4,023	
17	Other deliveries .....	-	-	-	
18	Total net deliveries .....	5,557	1,978,586	8,720,374	
19	Delivered to storage .....	-	-	2,162,773	
	Transfers:				
20	Interprovincial .....	-	-	2,115,280	
21	Transport to distribution .....	-	2,115,280	9,729,434	
22	Other .....	-	-	5,800,503	
23	Total gross deliveries .....	5,557	4,093,866	28,528,364	
24	Line pack fluctuation .....	-	450	93,795	
25	Gas used in system(1) .....	-	42,615	452,768	
26	Adjustments (B.T.U.) .....	-	-	-	
27	Line losses and unaccounted for .....	2,372	113,274	967,787	
28	Total disposition .....	7,929	4,250,205	30,042,714	

(1) Includes estimated figures.

TABLE 1. Receipts and Disposition of Natural Gas Utilities by Province

September 1962

Manitoba	Saskatchewan	Alberta	British Columbia	Canada	September 1961		No.
						Canada	
Mcf.							
-	-	36,229,370	8,828,511	45,057,881	29,083,517		1
-	1,880,391	12,628,604	18,897	15,331,696	11,986,889		2
-	1,880,391	48,857,974	8,847,408	60,389,577	41,070,406		3
-	-	3,249	-	862,403	798,627		4
-	-	-	-	-	-		5
-	1,880,391	48,861,223	8,847,408	61,251,980	41,869,033		6
-	-	122,149	-	299,578	647,975		7
-	1,880,391	48,983,372	8,847,408	61,551,558	42,517,008		8
18,560,708	19,278,629	-	17,475,698	-	-		9
1,038,642	1,578,104	3,590,464	2,077,345	25,927,661	23,830,422		10
19,599,350	22,737,124	52,573,836	28,400,451	87,479,219	66,347,430		11
217,804	326,930	1,475,815	480,446	4,209,337	3,559,576		12
572,955	1,431,792	7,535,639	1,360,738	18,684,736	16,832,836		13
124,499	139,605	1,144,144	179,587	2,796,375	2,544,786		14
915,258	1,898,327	10,155,598	2,020,771	25,690,448	22,937,198		15
4,619,991	-	2,267,713	23,791,623	30,683,350	12,030,665		16
-	-	18,695	-	18,695	4,630		17
5,535,249	1,898,327	12,442,006	25,812,394	56,392,493	34,972,493		18
-	148,153	183,902	-	2,494,828	3,549,188		19
12,702,075	18,560,708	36,754,327	-	-	-		20
1,038,642	1,059,445	90,657	2,078,997	16,112,455	14,487,124		21
-	550,943	3,488,550	238	9,840,234	9,376,459		22
19,275,966	22,217,576	52,959,442	27,891,629	84,840,010	62,385,264		23
-	30,033	3,575	- 26,896	100,957	25,991		24
200,000	226,252	44,999	277,055	1,243,689	908,583		25
-	-	- 1,133,832	-	- 1,133,832	3,027,592		( 26
123,384	263,263	699,652	258,663	2,428,395			( 27
19,599,350	22,737,124	52,573,836	28,400,451	87,479,219	66,347,430		28

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month  
September 1962

No.		January	February	March	April	May
		Mcf.				
	<u>Receipts</u>					
	Receipts from fields or processing plants:					
1	By transport systems .....	51,192,931	48,073,283	50,556,681	43,786,955	44,676,443
2	By distribution systems .....	23,621,890	21,140,018	22,301,593	16,915,252	15,419,502
3	Totals .....	74,814,821	69,213,301	72,858,274	60,702,207	60,095,945
4	Imports .....	12,132	10,122	10,411	909,453	835,660
5	Other receipts .....	28,333	4,105	4,078	330	-
6	Total net receipts .....	74,855,286	69,227,528	72,872,763	61,611,990	60,931,605
7	Received from storage .....	6,144,169	4,957,597	2,943,692	360,268	11,517
8	Total supply of gas utilities .....	80,999,455	74,185,125	75,816,455	61,972,258	60,943,122
	Transfers:					
9	Interprovincial .....	-	-	-	-	-
10	Other .....	39,683,200	34,351,159	34,231,521	29,324,575	27,054,208
11	Total gross receipts .....	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330
	<u>Disposition</u>					
	Sales:					
12	Residential .....	22,950,587	21,549,239	19,783,830	13,642,351	8,364,740
13	Industrial .....	17,363,882	15,777,701	17,709,805	18,102,553	18,107,927
14	Commercial .....	10,179,220	9,568,923	8,943,492	6,291,451	3,993,004
15	Total sales .....	50,493,689	46,895,863	46,437,127	38,036,355	30,465,671
16	Exports .....	29,461,219	28,720,262	30,471,213	27,041,272	28,665,413
17	Other deliveries .....	132,836	34,229	71,358	12,919	11,334
18	Total net deliveries .....	80,087,744	75,650,354	76,979,698	65,090,546	59,142,418
19	Delivered to storage .....	101,962	540,946	1,053,840	1,690,300	4,303,465
	Transfers:					
20	Interprovincial .....	-	-	-	-	-
21	Transport to distribution .....	26,603,866	23,585,802	23,451,192	19,112,539	16,328,127
22	Other .....	13,124,233	10,765,050	10,744,410	10,269,520	10,868,262
23	Total gross deliveries .....	119,917,805	110,542,152	112,229,140	96,162,905	90,642,272
24	Line pack fluctuation .....	57,804	- 176,656	247,349	- 288,027	48,760
25	Gas used in system(1) .....	1,634,577	1,547,695	1,665,743	1,292,061	1,296,603
26	Adjustments (B.T.U.) .....	- 1,399,928	- 1,014,598	- 1,066,971	- 873,639	- 1,068,869
27	Line losses and unaccounted for .....	472,397	- 2,362,309	- 3,027,285	- 4,996,467	- 2,921,416
28	Total disposition .....	120,682,655	108,536,284	110,047,976	91,296,833	87,997,330

(1) Includes estimated figures.

TABLE 2. Receipts and Disposition of Natural Gas Utilities by Month  
September 1962

June	July	August	September	October	November	December	Year to date		No.
							1962	1961 <sup>†</sup>	
Mcf.									
41,725,735	43,442,380	43,919,995	45,057,881				412,432,284	276,013,411	1
13,008,796	12,374,146	13,701,142	15,331,696				153,814,035	120,931,538	2
54,734,531	55,816,526	57,621,137	60,389,577				566,246,319	396,944,949	3
822,340	943,979	943,749	862,403				5,350,249	4,926,906	4
-	-	-	-				36,846	61,599	5
55,556,871	56,760,505	58,564,886	61,251,980				571,633,414	401,933,454	6
47,752	77,750	221,473	299,578				15,063,796	18,658,028	7
55,604,623	56,838,255	58,786,359	61,551,558				586,697,210	420,591,482	8
-	-	-	-				-	-	9
25,793,587	25,544,417	24,900,660	25,927,661				266,810,988	222,267,957	10
81,398,210	82,382,672	83,687,019	87,479,219				853,508,198	642,859,439	11
4,783,564	3,229,854	3,003,622	4,209,337				101,517,124	86,058,075	12
17,694,617	17,192,307	18,253,922	18,684,736				158,887,450	143,228,732	13
2,513,828	1,759,892	1,843,619	2,796,375				47,889,804	40,064,621	14
24,992,009	22,182,053	23,101,163	25,690,448				308,294,378	269,351,428	15
27,794,501	28,989,702	30,204,416	30,683,350				262,031,348	123,797,214	16
40,517	64,754	45,592	18,695				432,234	90,830	17
52,827,027	51,236,509	53,351,171	56,392,493				570,757,960	393,239,472	18
4,498,049	5,418,722	4,348,018	2,494,828				24,450,130	26,493,814	19
-	-	-	-				-	-	20
14,662,683	14,297,209	14,679,854	16,112,455				168,833,727	158,693,010	21
11,066,873	11,215,243	10,255,744	9,840,234				98,149,569	63,715,962	22
83,054,632	82,167,683	82,634,787	84,840,010				862,191,386	642,142,258	23
- 383,192	- 14,908	270,349	100,957				- 137,564	- 10,048	24
1,147,296	1,244,547	1,200,530	1,243,689				12,272,741	8,657,960	25
- 1,017,641	- 1,259,595	- 1,239,509	- 1,133,832				- 10,074,602	- 7,930,731	(26)
- 1,402,885	244,945	820,862	2,428,395				- 10,743,763	- 7,930,731	(27)
81,398,210	82,382,672	83,687,019	87,479,219				853,508,198	642,859,439	28

<sup>†</sup> Revised figures.



TABLE 3. Operating Statistics: Natural Gas Utilities

September 1962

	Natural gas transport systems	Natural gas distribution systems	Total natural gas utilities
Sendouts (Mcf.):			
September 1962:			
Daily average .....	1,559,860	856,348	1,962,911
Maximum (non-coincident) .....	1,921,493	...	...
Minimum (non-coincident) .....	1,274,410	...	...
September 1961:			
Daily average (Mcf.) .....	884,081	764,573	...
Maximum .....	1,216,904	...	...
Minimum .....	814,436	...	...
Year to date 1962:			
Daily average (Mcf.) .....	1,578,260	1,129,283	2,193,501
Maximum .....	2,226,408	...	...
Minimum .....	1,196,955	...	...
Commodity miles:			
Mcf. miles (000's miles) .....	40,451,727	..	..
Ton miles (millions) .....	922	..	..
Line pack:			
Beginning of month (Mcf.) .....	6,016,089	..	..
End of month (Mcf.) .....	6,090,007	..	..
Operating revenues .....	(\$14,309,144	(\$13,741,983	(\$21,560,133(1)

(1) Interindustry revenues eliminated.

.. Figures not available.

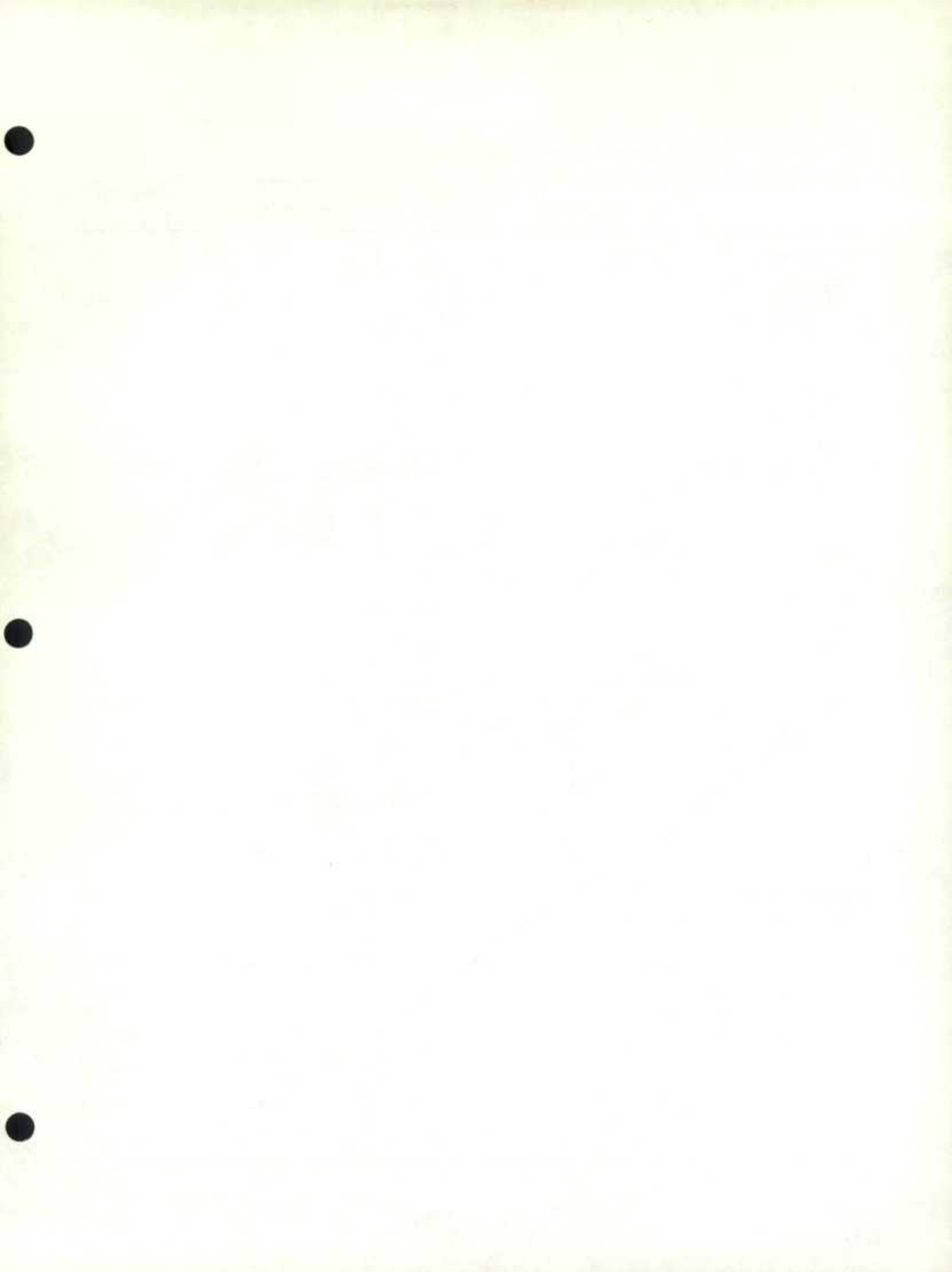
... Figures not appropriate or not applicable.

TABLE 4. Manufactured and Liquefied Petroleum Gases Utilities

Receipts and Disposition

September 1962

	Manufactured	Liquefied petroleum gases
	Mcf.	
Gas receipts .....	99,846	70,145
Deliveries to ultimate customers .....	121,086	62,614
Line pack fluctuations .....	2,687	- 22
Gas used in system .....	- 28,315	-
Metering difference, line losses, cyclical billing adjustments and unaccounted for .....	4,388	7,553
Total disposition .....	99,846	70,145
Daily average sendout .....	4,036	2,087
Revenues .....	(\$83,864	(\$90,776



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