### MERIDIAN ECONOMICS

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## RESOURCES

**Business & Industry Consulting** 

**ANALYSIS** 

AND /

ECONOMIC UPDATE

ket An<u>alysis</u>s

ons <u>Financial I</u>

Risk Management

**Regulatory Expert** 

06 March 2020

	US Treasury F										
		THIS WK		YR END	LAST YR	C	HANGES SI	NCE		YIELD CURVE ASSESS	MENT
		3/5/20	2/5/20	12/31/19	3/5/19	This Yr	Last Yr	Down Cycle	4.00% —		
Ч									4.00%		
CURVE	Fed Funds	1.09%	1.59%	1.55%	2.40%	-0.46%	-1.31%	-1.36%	3.50%		
U U	3mo	0.62%	1.57%	1.55%	2.46%	-0.93%	-1.84%	-1.73%	3.00%		
P	6mo	0.53%	1.57%	1.60%	2.53%	-1.07%	-2.00%	-1.99%	5.00%		
<b>VIELD</b>	1yr	0.48%	1.49%	1.59%	2.54%	-1.11%	-2.06%	-2.26%	2.50% 🦯		
	2yr	0.59%	1.44%	1.58%	2.55%	-0.99%	-1.96%	-2.39%	2.00% —		
AND	3yr	0.61%	1.43%	1.62%	2.52%	-1.01%	-1.91%	-2.44%	2.00%		
	5yr	0.67%	1.46%	1.69%	2.53%	-1.02%	-1.86%	-2.42%	1.50% 🦰	and the second se	
Ë	7yr	0.81%	1.57%	1.83%	2.63%	-1.02%	-1.82%	-2.36%	1.00%	- A MARINA CONTRACTOR	Nov2018
RA	10yr	0.92%	1.66%	1.92%	2.72%	-1.00%	-1.80%	-2.32%	1.00%		LAST YEAR
INTEREST RATES	30yr	1.56%	2.14%	2.39%	3.08%	-0.83%	-1.52%	-0.62%	0.50% 😽		BEGIN YR Jul2016
RE									0.00%		CURRENT
ΗË	Slope of the Y	ield Curve-								235710	30
	2yr-3mo	-0.03%	-0.13%	0.03%	0.09%	-0.06%	-0.12%	-0.66%			
X	5yr-2yr	0.08%	0.02%	0.11%	-0.02%	-0.03%	0.10%	-0.03%		CYCLICAL CHANGES SUN	IMARY
MA	10yr-5yr	0.25%	0.20%	0.23%	0.19%	0.02%	0.06%	0.10%		Jul16 Low-Nov18 High	Nov18 High-Current
ICH	10yr-3mo	0.30%	0.09%	0.37%	0.26%	-0.07%	0.04%	-0.59%	Fed Funds	2.15%	-1.36%
BENCHMARK	Other Interes	t Rates-							1year	2.24%	-2.26%
	Prime	4.25%	4.75%	4.75%	5.50%	-0.50%	-1.25%	-1.25%	2years	2.32%	-2.39%
	1mo LIBOR	1.00%	1.67%	1.76%	2.48%	-0.76%	-1.48%	-1.52%	3years	2.28%	-2.44%
	6mo LIBOR	0.97%	1.76%	1.91%	2.68%	-0.94%	-1.71%	-1.94%	, 5years	2.06%	-2.42%
	12mo LIBOR	0.94%	1.83%	2.00%	2.88%	-1.06%	-1.94%	-2.19%	10years	1.81%	-2.32%

## ECONOMY ADDED 273,000 JOBS IN FEBRUARY; JOBLESS RATE DROPS TO 3.5%

The Labor Department reported Friday that the U.S. economy added 273,000 new jobs during the month, while the unemployment rate was 3.5%, matching its lowest level in more than 50 years.

The January and February gains tied for best month since May 2018. The previous two months' estimates were revised higher by a total of 85,000. December moved up from 147,000 to 184,000, while January went from 225,000 to 273,000. Those revisions brought the three-month average up to a robust 243,000 while the average monthly gain in 2019 was 178,000.

The number of long-term unemployed (those jobless for 27 weeks or more), at 1.1 million, changed little in February and accounted for 19.2 percent of the unemployed. The labor force participation rate remained at 63.4 percent in February. The employment-population ratio, at 61.1 percent, changed little over the month but was up by 0.4 percentage point over the year.

In February, average hourly earnings for all employees on private nonfarm payrolls increased by 9 cents to \$28.52. Over the past 12 months, average hourly earnings have increased by 3.0 percent.

		LATEST	CURRENT	PREV
GDP	QoQ	Q4-2nd	2.1%	2.1%
GDP - YTD	Annl	Q4-2nd	2.3%	2.4%
Consumer Spending	QoQ	Q4-2nd	1.7%	3.2%
Consumer Spending	Annl	Q4-2nd	2.7%	3.0%
Unemployment	Мо	Feb	3.5%	3.6%
Consumer Inflation	YoY	Jan	2.5%	2.3%
Core Inflation	YoY	Jan	2.3%	2.3%
Consumer Credit	Annual	Dec	6.3%	3.4%
Retail Sales	YoY	Jan	4.6%	4.6%
Vehicle Sales	Annl (Mil)	Jan	17.3	17.2
Home Sales	Annl (Mil)	Jan	6.154	6.234
Home Prices	YoY	Dec	2.9%	2.6%

#### Key Consumer Market Data-

	THIS WK	YR END	PCT CH	HANGES
	3/5/20	12/31/19	YTD	12Mos
DJIA	26,121	28,538	-8.5%	1.1%
S&P 500	3,024	3,231	-6.4%	8.3%
NASDAQ	8,739	8,973	-2.6%	15.9%
Crude Oil	42.74	61.06	-30.0%	-23.7%
Avg Gasoline	2.43	2.57	-5.5%	0.4%
Gold	1,668.0	1,523.1	9.5%	27.4%

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**RELATIVE VALUE** 

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	THIS WK	YTD (	Change	Chg in Cu	rrent Cycle*	Rate Sensitivity		
	3/5/20	Rate	Benchmark	Rate	Benchmark	YTD	Cycle	
Classic CC	11.39%	-0.06%	-0.50%	-0.30%	-1.25%	12%	24%	
Platinum CC	9.91%	-0.01%	-0.50%	-0.36%	-1.25%	2%	29%	
48mo Veh	3.41%	-0.06%	-0.99%	-0.25%	-2.39%	6%	10%	
60mo Veh	3.53%	-0.06%	-1.01%	-0.24%	-2.44%	6%	10%	
72mo Veh	3.84%	-0.07%	-1.02%	-0.28%	-2.43%	7%	12%	
HE LOC	4.89%	-0.11%	-0.50%	-0.67%	-1.25%	22%	54%	
10yr HE	5.23%	-0.05%	-1.02%	-0.29%	-2.45%	5%	12%	
15yr FRM	3.35%	-0.22%	-1.01%	-1.23%	-2.41%	22%	51%	
30yr FRM	3.73%	-0.28%	-1.00%	-1.33%	-2.32%	28%	57%	
Sh Drafts	0.14%	0.00%	-0.46%	0.00%	-1.36%	0%	0%	
Reg Svgs	0.18%	-0.01%	-0.46%	-0.01%	-1.36%	2%	1%	
MMkt-10k	0.44%	-0.01%	-0.46%	-0.04%	-1.36%	2%	3%	
MMkt-50k	0.60%	-0.02%	-0.46%	-0.05%	-1.36%	4%	4%	
6mo CD	0.95%	-0.04%	-1.07%	-0.08%	-1.99%	4%	4%	
1yr CD	1.34%	-0.06%	-1.11%	-0.17%	-2.26%	5%	8%	
2yr CD	1.56%	-0.08%	-0.99%	-0.29%	-2.39%	8%	12%	
3yr CD	1.71%	-0.08%	-1.01%	-0.35%	-2.44%	8%	14%	

#### "A"-PAPER MARKET RATES 8.00% 30yr FLM 7.00% 15yr FLM 6.00% 5yr Auto 5.00% 4.00% 3.00% 2.00% 1.00% - TIST 0.00% 05 06 8 6 10 11 12 13 4 13 16 17 18 σ 0 "A"-PAPER PRICING SPREADS 5.00% 4.50% 30yr FLM vs 10yr UST 4.00% 15yr FLM vs 7yr UST 3.50% 5yr Auto vs 3yr UST 3.00% 2.50% 2.00% 1 50% 1.00% 0.50% 0.00% 05 08 60 2 111 112 113 115 115 116 5 8 90 0 6 0

Since Nov 2018

#### STRATEGICALLY FOR CREDIT UNIONS

The jobs numbers took on particular importance in February as worries intensified over the economic impact from the novel coronavirus, though the report covered the time frame before worries over the disease intensified.

Most of the indicators thus far have shown little damage. Jobless claims remain well within their recent trend, coming in at 216,000 in the latest reading Thursday. Planned layoffs actually fell 16% from January. And key ISM readings on both manufacturing and services show companies still plan to hire.

Most of the consumer-related data points have been good, though the reports coming in now largely cover the early stages of the coronavirus scare and the sharp recent stock market volatility. With the large measure of uncertainty around the virus, its impacts may be felt in increments rather than suddenly. But if cracks begin to form, the first notices likely will come in employment data.

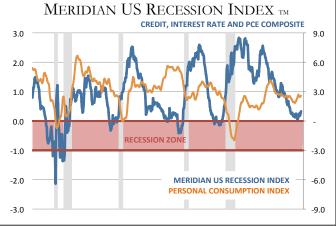
With the Federal Reserve's half-point drop in their overnight benchmark target, it is unlikely to be meet with any drops in non-term share rates and experience modest declines in term certificate rates. This will cause pricing spreads to widen both in terms of loan and share rates.

Additional information and other market-related reports can be viewed at www.Meridian-ally.com

ECONOMIC RELEASES			
RELEASES THIS WEEK:		Current	Previous
Construction Spending (Jan,	MoM)	1.8%	0.2%
FRB Beige Book	Modest to Moderate	Economic I	Expansion
Unemployment (Feb)		3.5%	3.6%

RELEASES FOR UPCOMING WEEK:	Projected	Previous
Consumer Spending (Feb, YoY)	2.3%	2.5%
Wholesale Inflation (Feb, YoY)	2.0%	2.1%

### MERIDIAN ECONOMICS



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# **RESOURCES**

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**ECONOMIC CALENDAR** MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY 11 12 15 Feb 10 13 14 Jobless Claims 205k Retail Sales 4.6% Cons Inflation 2.5% Ind Production -0.3% 17 18 22 19 20 21 PRESIDENTS Wh Inflation 2.1% Jobless Claims 210k **Existing Home Sales** FOMC Minutes Leading Ind +0.8% DAY 24 25 26 27 29 28 Home Prices 2.9% Jobless Claims 219k Personal Income +0.6% GDP (Q4-2nd) 2.1% Personal Spending +0.2% Durable Goods -0.2% Mar 2 3 Δ 5 6 7 Unemployment 3.5% Constr Spending 1.8% Fed Beige Book Jobless Claims 216k Factory Orders -0.5% **Consumer Credit** 9 10 14 11 12 13 **Consumer Inflation Jobless Claims Consumer Sentiment** Wholesale Inflation 16 17 18 19 20 21 **Retail Sales Jobless Claims FOMC Announcement Existing Home Sales Industrial Production** 23 26 27 28 24 25 **New Home Sales Durable Goods Orders Jobless Claims Personal Income GDP Q4-Final Personal Spending** 30 31 Apr 1 3 2 Δ **Home Prices Jobless Claims Construction Spending Unemployment Rate Factory Orders** 

Strategic Solutions

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# **RESOURCES** <sup>TM</sup>

	<\$2	\$2-10	\$10-50	<b>\$50-100</b>	\$100-500	\$500>		<\$10	<\$50	<\$100	<\$500
Q3-2019	Million	Million	<million< th=""><th>Million</th><th>Million</th><th>Million</th><th>TOTAL</th><th>Million</th><th>Million</th><th>Million</th><th>Millio</th></million<>	Million	Million	Million	TOTAL	Million	Million	Million	Millio
DEMOGRAPHICS											
Number of Credit Unions	416	936	1,661	682	1,012	574	5,281	1,352	3,013	3,695	4,70
Average Assets (\$Mil)	\$0.9	\$6.0	\$25.7	\$72.3	\$228.2	\$1,959.2	\$275.2	\$4.4	\$16.1	\$26.5	\$6
Pct of Credit Unions	8%	18%	31%	13%	19%	11%	100%	26%	57%	70%	8
Pct of Industry Assets	0%	0%	3%	3%	15%	79%	100%	0%	3%	6%	2
GROWTH RATES (YTD)											
Total Assets	-6.2%	-8.7%	-3.0%	-1.1%	-3.3%	11.0%	7.8%	-8.5%	-3.7%	-2.4%	-3.
Total Loans	-6.3%	-7.5%	-2.1%	-1.5%	-5.1%	8.1%	5.5%	-7.4%	-2.7%	-2.0%	-4.
Total Shares	-5.0%	-7.6%	-3.0%	-1.3%	-3.1%	9.4%	6.7%	-7.4%	-3.6%	-2.4%	-2.
Net Worth	-4.3%	-6.3%	-0.2%	1.6%	-1.0%	11.8%	8.9%	-6.2%	-1.1%	0.2%	-0.
BALANCE SHEET ALLOCATION	N										
Net Worth-to-Total Assets	19.0%	16.1%	13.2%	12.2%	11.6%	11.2%	11.4%	16.3%	13.6%	12.9%	12.
Cash & Inv-to-Total Assets	51%	46%	42%	36%	27%	23%	25%	46%	43%	40%	3
Loans-to-Total Assets	49%	53%	54%	59%	68%	72%	71%	52%	54%	56%	6
Vehicle-to-Total Loans	60%	62%	49%	43%	39%	33%	34%	62%	50%	46%	4
REL-to-Total Loans	1%	9%	30%	38%	45%	52%	50%	8%	28%	33%	4
REL-to-Net Worth	3%	28%	124%	185%	262%	332%	309%	26%	110%	146%	22
Indirect-to-Total Loans	0%	1%	5%	12%	19%	22%	21%	0%	4%	9%	1
Loans-to-Total Shares	61%	63%	63%	68%	79%	87%	84%	63%	63%	65%	7
Nonterm-to-Total Shares	91%	84%	80%	78%	74%	69%	70%	85%	81%	79%	7
Short-term Funding Ratio	40.2%	29.8%	23.6%	19.6%	14.5%	11.6%	12.6%	24.3%	21.9%	16.7%	12.
Net Long-term Asset Ratio	3.5%	8.0%	18.6%	24.1%	30.2%	34.9%	33.3%	17.4%	20.7%	27.4%	33.2
LOAN QUALITY											
Loan Delinquency Ratio	3.17%	1.65%	0.99%	0.80%	0.71%	0.65%	0.67%	1.06%	0.92%	0.77%	0.6
Net Charge-off Ratio	0.68%	0.58%	0.46%	0.46%	0.46%	0.58%	0.55%	0.47%	0.47%	0.46%	0.5
"Misery" Index	3.85%	2.23%	1.45%	1.26%	1.17%	1.23%	1.22%	1.54%	1.39%	1.23%	1.2
RE Loan Delinquency	2.09%	1.84%	0.94%	0.73%	0.65%	0.52%	0.54%	1.84%	0.97%	0.82%	0.6
Vehicle Loan Delinquency	2.51%	1.50%	0.91%	0.76%	0.63%	0.54%	0.58%	1.56%	1.00%	0.88%	0.7
Direct Loans	2.51%	1.50%	0.88%	0.73%	0.58%	0.50%	0.58%	1.56%	0.99%	0.88%	0.7
Indirect Loans	0.00%	1.22%	1.15%	0.84%	0.68%	0.56%	0.58%	1.22%	1.15%	0.91%	0.7
Loss Allow as % of Loans	2.75%	1.30%	0.89%	0.82%	0.81%	0.89%	0.87%	1.39%	0.95%	0.88%	0.8
Current Loss Exposure	1.54%	0.83%	0.59%	0.57%	0.49%	0.42%	0.44%	0.87%	0.62%	0.60%	0.5
EARNINGS								1			
Gross Asset Yield	4.16%	4.03%	3.81%	3.85%	3.87%	4.12%	4.07%	4.04%	3.84%	3.84%	3.8
Cost of Funds	0.36%	0.44%	0.42%	0.47%	0.60%	0.97%	0.88%	0.44%	0.42%	0.44%	0.5
Gross Interest Margin	3.80%	3.58%	3.39%	3.38%	3.27%	3.16%	3.19%	3.60%	3.42%	3.40%	3.3
Provision Expense	0.35%	0.33%	0.24%	0.27%	0.30%	0.47%	0.43%	0.33%	0.25%	0.26%	0.2
Net Interest Margin	3.45%	3.26%	3.15%	3.11%	2.97%	2.69%	2.76%	3.27%	3.17%	3.14%	3.0
Non-Interest Income	0.53%	0.64%	1.03%	1.29%	1.42%	1.35%	1.35%	0.64%	0.98%	1.14%	1.3
Non-Interest Expense	4.30%	3.63%	3.62%	3.75%	3.66%	3.06%	3.19%	3.67%	3.62%	3.69%	3.6
Net Operating Expense	3.77%	2.99%	2.59%	2.46%	2.24%	1.70%	1.84%	3.04%	2.64%	2.55%	2.3
Net Operating Return	-0.32%	0.27%	0.57%	0.65%	0.72%	0.99%	0.92%	0.23%	0.53%	0.59%	0.6
Non-recurring Inc(Exp)	0.35%	0.10%	0.03%	0.01%	0.03%	0.04%	0.04%	0.12%	0.04%	0.03%	0.0
Net Income	0.03%	0.37%	0.60%	0.66%	0.76%	1.04%	0.97%	0.35%	0.57%	0.62%	0.7

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# **RESOURCES** <sup>TM</sup>

Business & Industry Consulti	ng N	Aarket Analys	sis Stra	ategic Solution	ns Fina	ncial Investme	ents Risk	Manageme	ent Re	gulatory Exp	ert
02 2010	<\$2	\$2-10	\$10-50	\$50-100	\$100-500	\$500>	7074	<\$10	<\$50	<\$100	<\$500
Q3-2019	Million	Million	<million< td=""><td>Million</td><td>Million</td><td>Million</td><td>TOTAL</td><td>Million</td><td>Million</td><td>Million</td><td>Millior</td></million<>	Million	Million	Million	TOTAL	Million	Million	Million	Millior
OPERATING EFFICIENCIES:											
Loans & Shares-											
Avg Loan Balance Avg Loan Rate	\$4,502 7%	\$7,538 6%	\$8,521 5%	\$10,295 5%	\$13,417 5%	\$16,679 5%	\$15,530 5%	\$7,354 6%	\$8,382 5%	\$9,393 5%	\$12,37 5%
Avg Loan Yield, net	7%	6%	5%	5%	5%	4%	4%	6%	5%	5%	5%
Avg Share Balance Avg Share Rate	\$2,308 0.44%	\$4,750 0.53%	\$7,234 0.48%	\$8,233 0.54%	\$9,387 0.69%	\$11,575 1.16%	\$10,809 1.04%	\$4,451 0.53%	\$6,751 0.49%	\$7,435 0.51%	\$8,704 0.64%
NM Deposit Ratio	1.9%	1.1%	1.0%	0.9%	1.1%	0.9%	0.9%	1.2%	1.0%	1.0%	1.1%
Net Operating Profitability	/-										
Earning Asset/Funding	124%	118%	112%	109%	108%	109%	109%	118%	113%	111%	109%
Avg Revenue per FTE	\$31,289	\$110,702	\$166,766	\$179,524	\$197,812	\$293,589	\$262,612	\$94,987	\$153,243	\$165,914	\$187,49
Avg OpExpense per FTE	\$28,681	\$86,023	\$124,574	\$131,008	\$137,031	\$163,790	\$154,634		\$115,173		
Avg Int & Prov Exp per FTE	\$4,729	\$18,222	\$22,724	\$25,791	\$33,677	\$76,707	\$63,182	\$15,552	\$21,373	\$23,503	\$30,38
Avg OpReturn per FTE Net OpExp-to-Total Exp	-\$2,121 88%	\$6,456 82%	\$19,468 72%	\$22,725 66%	\$27,104 61%	\$53,092 56%	\$44,796 58%	\$4,759 83%	\$16,697 73%	\$19,603 69%	\$24,67 64%
Operating Revenue-											
Non-Int Inc-to-Total Rev	11%	14%	21%	25%	27%	25%	25%	14%	20%	23%	26%
Interest Inc per FTE Non-Int Inc per FTE	\$23,004 \$3,556	\$77,216 \$15,263	\$108,600 \$35,442	\$108,719 \$45,014	\$110,943 \$53,192	\$144,334 \$72,548	\$133,981 \$65,449	\$66,488 \$12,946	\$100,667 \$31,204	\$104,549 \$37,862	\$108,87 \$48,23
Operating Expenses-	<i>\\\\\\\\\\\\\</i>	<i>\</i> 20)200	<i>400)</i>	φ.0)011	<i>400,101</i>	<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	<i>\</i>	<i>\</i>	<i>\\</i> 02)201	<i>ço</i> , <i>joo</i> <b>1</b>	<i>ų</i> 10)20
C&B Expense Ratio	2.10%	1.90%	1.71%	1.79%	1.84%	1.59%	1.64%	1.91%	1.74%	1.77%	1.82%
Pct of Total Op Exp	49%	52%	47%	48%	50%	52%	51%	52%	48%	48%	50%
Avg C&B per FTE	\$13,985	\$45,023	\$59,037	\$62,649	\$68,776	\$85,195	\$79,460	\$38,881	\$55,239	\$58,812	\$65,55
Occ & Ops Exp Ratio	1.30%	0.97%	0.96%	0.94%	0.94%	0.75%	0.79%	0.99%	0.97%	0.95%	0.94%
Pct of Total Op Exp	30%	27%	27%	25%	26%	25%	25%	27%	27%	26%	26%
Avg O&O per FTE	\$8,676	\$22,982	\$33,144	\$32,892	\$35,184	\$40,235	\$38,435	\$20,151	\$30,696	\$31,755	\$34,07
All Other Exp Ratio	0.33%	0.47%	0.67%	0.75%	0.63%	0.49%	0.53%	0.46%	0.65%	0.70%	0.65%
Pct of Total Op Exp Avg AOE per FTE	10%	17%	25%	27% \$35,466	23%	21% \$38,360	22%	17%	24% \$29,237	25% \$32,240	24% \$32,80
0	\$6,021	\$18,018	\$32,393	ŞSS,400	\$33,071	Ş36,30U	\$36,739	\$15,644	Ş29,237	Ş52,240	Ş52,6U
Average Margin per Account		1									
Avg Int Inc per Loan	\$302 \$10	\$428 \$25	\$441 \$35	\$507 \$44	\$605 \$65	\$740 \$124	\$697	\$422	\$439 \$33	\$476 \$28	\$576
Avg Int Exp per Share Avg Return	\$292	\$25 \$403	\$35 \$406	\$44 \$462	\$65 \$540	\$134 \$606	\$113 \$584	\$23 \$399	\$35 \$406	\$38 \$438	\$55 \$521
Staffing-											
Full-time Equivalents	562.5	2,280	12,246	14,046	60,960	218,445	308,539	2,843	15,088	29,134	90,094
Pct PT Employees	57%	42%	16%	11%	8%	6%	8%	45%	22%	17%	11%
FTE-to-Ops (Staffing)	3.11	0.75	0.44	0.39	0.32	0.21	0.24	0.88	0.48	0.43	0.35
Membership Outreach-											
Members-to-Potential	8.2%	7.8%	2.9%	2.8%	2.7%	3.1%	3.0%	7.9%	3.2%	3.0%	2.8%
Members-to-FTEs	227	402	406	367	340	401	387	367	398	383	354
Branches Mambara par Branch	406	961	2,440	1,781	5,172	10,304	21,064	1,367	3,807	5,588	10,759
Members per Branch	315	953	2,036	2,891	4,006	8,508	5,676	763	1,579	1,997	2,963