

**The accompanying financial statements and report are intended for the original recipient. They must be presented in their entirety and may not be modified in any manner.**





**YELLOWSTONE PUBLIC RADIO/  
KEMC-FM  
(A Public Radio Entity)  
Operated by the Montana State University-Billings**

**FINANCIAL REPORT**

**June 30, 2019**



## C O N T E N T S

	<u>PAGE</u>
INDEPENDENT AUDITOR'S REPORT .....	1 through 3
MANAGEMENT'S DISCUSSION AND ANALYSIS .....	4 through 8
FINANCIAL STATEMENTS	
Statement of Net Position .....	9 and 10
Statement of Revenues, Expenses, and Change in Net Position .....	11 and 12
Statement of Cash Flows .....	13 and 14
Notes to Financial Statements .....	15 through 46
REQUIRED SUPPLEMENTARY INFORMATION	
Schedules of Proportionate Share of the Net Pension Liability .....	47
Schedules of Contributions .....	48
Notes to Required Supplementary Information .....	49 through 55
Schedule of Proportionate Share of the Total OPEB Liability .....	56
SUPPLEMENTARY INFORMATION	
Reconciliation of Financial Statement Income and Expense to the Corporation for Public Broadcasting (CPB) Report .....	57

## INDEPENDENT AUDITOR'S REPORT

To the Board of Directors  
Yellowstone Public Radio/KEMC-FM  
(A Public Radio Entity)  
Operated by Montana State University-Billings  
Billings, Montana

We have audited the accompanying financial statements of the business type activities and discretely presented component unit of Yellowstone Public Radio/KEMC-FM (A Public Radio Entity) operated by Montana State University-Billings (the Station) as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the Station's basic financial statements as listed in the table of contents.

### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

## **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the discretely presented component unit of Yellowstone Public Radio/KEMC-FM as of June 30, 2019, and the respective changes in its financial position and cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## **Emphasis of Matter**

As discussed in Note 1, the financial statements of the Station are intended to present the financial position and the changes in financial position and cash flows, where applicable, of only that portion of Montana State University-Billings that is attributable to the transactions of the Station. They do not purport to and do not present fairly the financial position of Montana State University-Billings or the Montana University System as of June 30, 2019, and the changes in its financial position and, where applicable, cash flows thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to that matter.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, and the Required Supplementary Schedules on pages 47 through 56, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of the financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise Yellowstone Public Radio/KEMC-FM's basic financial statements. The supplementary schedule on page 57 is presented for purposes of additional analysis and is not a required part of the financial statements.

The supplementary schedule is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

*Anderson Zurmuehlen + Co, P.C.*

Billings, Montana  
February 7, 2020

**YELLOWSTONE PUBLIC RADIO/KEMC-FM**  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
Years Ended June 30, 2019 and 2018

Yellowstone Public Radio is operated by Montana State University-Billings, a component unit of the State of Montana. Friends of Public Radio (Friends), is an affiliate that raises funds to provide financial and other support to Yellowstone Public Radio. The discussion and analysis that follows provides an overview of the consolidated Yellowstone Public Radio and Friends' financial activities for the fiscal years ended June 2019 and 2018.

**Financial Summary**

The financial statements show operating revenues of \$560,311 and \$560,292 and operating expenses of \$2,095,103 and \$2,055,769, netting to an operating loss of \$1,534,792 and \$1,495,477 for the years ended June 30, 2019 and 2018, respectively. This operating loss is offset by non-operating revenues of \$1,365,902 and \$1,481,828; bringing the change in net assets for fiscal years 2019 and 2018 to (\$168,890) and (\$13,649), respectively.

The assets of Yellowstone Public Radio and Friends exceeded liabilities by \$1,783,843 and \$1,769,898 for fiscal year 2019 and 2018, respectively.

Yellowstone Public Radio and Friends cash and cash equivalents at June 30, 2019 and 2018 was \$724,047 and \$863,358, respectively, representing a decrease of \$139,311 from June 30, 2018 and a decrease of \$121,684 from June 30, 2017.

Capital Outlays for the years ended June 30, 2019 and 2018 was \$123,953 and \$73,882, respectively.

**Overview of the Financial Statements**

This discussion and analysis is intended to serve as an introduction to Yellowstone Public Radio and Friends' basic financial statements, which are comprised of the Statement of Net Position; the Statement of Revenues, Expenses, and Change in Net Position; the Statement of Cash Flows, and the Notes to the Financial Statements. The financial statements are designed to provide the readers with a broad overview of Yellowstone Public Radio and Friends' finances in a manner similar to a private-sector business.

**YELLOWSTONE PUBLIC RADIO/KEMC-FM**  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED)  
Years Ended June 30, 2019 and 2018

**The Statement of Net Position** is presented in a classified format, differentiating between current and noncurrent assets, and categorizing net position.

<b>Condensed Statement of Net Position</b>		
	<u>2019</u>	<u>2018</u>
Assets and deferred outflows		
Current assets	\$ 908,989	\$ 1,078,480
Capital assets	165,959	91,519
Other assets	1,583,601	1,504,717
Deferred outflow of resources	<u>131,044</u>	<u>130,659</u>
Total assets and deferred outflows	<u>\$ 2,789,593</u>	<u>\$ 2,805,375</u>
Liabilities and deferred inflows		
Current liabilities	\$ 253,184	\$ 304,817
Long-term liabilities	644,904	693,419
Deferred inflow of resources	<u>107,662</u>	<u>37,241</u>
Total liabilities and deferred inflows	<u>1,005,750</u>	<u>1,035,477</u>
Net position		
Invested in capital assets, net of related debt	165,959	91,519
Unrestricted	41,944	181,689
Restricted - expendable	<u>1,575,940</u>	<u>1,496,690</u>
Total net position	<u>1,783,843</u>	<u>1,769,898</u>
Total liabilities, deferred inflows and net position	<u>\$ 2,789,593</u>	<u>\$ 2,805,375</u>

Current assets include cash and cash equivalents, prepaid expense for programming costs and accounts receivable related to pledges. Current assets decreased by \$169,491 primarily due to decrease in cash on deposit at fiscal year-end.

Capital assets include studio and broadcast equipment, satellite, transmitters, antennas, towers, and accumulated depreciation. Capital assets increased by \$74,440 primarily due to the purchase of a transmitter.

Other assets include restricted cash, endowment investments and other investments. Other assets increased by \$78,884 primarily due to increase in investments and an increase in restricted cash.

Deferred outflows are related to pension liability.

Current liabilities include accounts payable and accrued expenses, deferred revenue, and the current portion of compensated absences. Current liabilities decreased by \$51,633 primarily due to a decrease in accounts payable and accrued expenses.



YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
MANAGEMENT’S DISCUSSION AND ANALYSIS (CONTINUED)  
Years Ended June 30, 2019 and 2018

Long-term liabilities include the amount of compensated absences liability estimated to be payable after a one-year period as well as the Station’s portion of the OPEB liability, pension liability and annuity obligations. Long-term liabilities decreased by \$48,515 primarily due to a decrease in pension liability.

Deferred inflows are related to pension liability.

Amounts invested in capital assets, net of related debt, consist of the historical acquisition value of capital assets, reduced by both accumulated depreciation expense charged against assets and debt balances related to capital assets. This balance increases as assets are acquired and debt is repaid, and decreases as assets are depreciated and debt is incurred. Please refer to the notes to the accompanying financial statements for more detailed information on capital assets and long-term debt.

Unrestricted net assets may be designated for specific purposes by action of management or may otherwise be limited by contractual agreements with outside parties. The decrease of \$139,745 was primarily due to the net loss incurred in 2019.

Restricted, expendable net assets are funds that may only be expended in accordance with restrictions imposed by an external party. The increase of \$79,250 was due to change in investment folio.

**The Statement of Revenues, Expenses, and Change in Net Position** presents the support and revenue earned and expenses incurred on a full accrual basis, and classifies activities as either “operating” or “non-operating.” This distinction results in operating deficits for those stations that depend on State appropriations and gifts, which are classified as non-operating revenue.

<b>Condensed Statement of Revenues, Expenses, and Change in Net Position</b>		
	<u>2019</u>	<u>2018</u>
Operating revenues	\$ 560,311	\$ 560,292
Operating expenses	<u>2,095,103</u>	<u>2,055,769</u>
Operating loss	(1,534,792)	(1,495,477)
Non-operating revenues	<u>1,365,902</u>	<u>1,481,828</u>
Change in net position	<u><u>\$ (168,890)</u></u>	<u><u>\$ (13,649)</u></u>

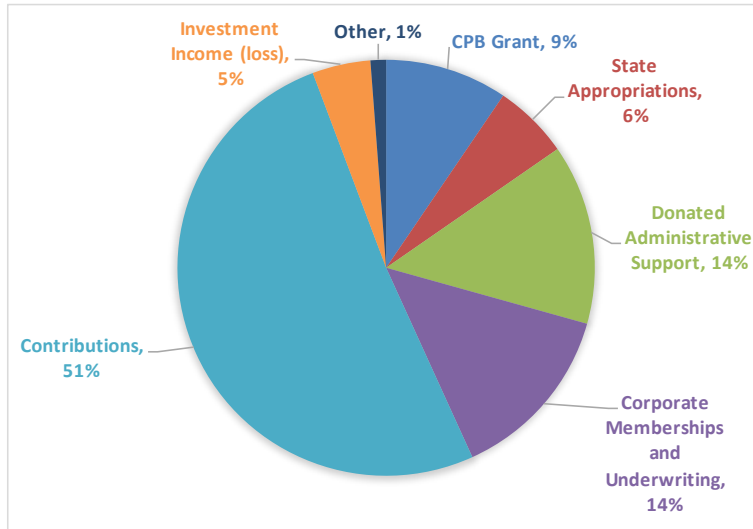
Operating revenues consist primarily of donated administrative support from the University and corporate memberships and underwriting.

Operating expenses are presented by CPB categories of program and support. Programming expenses include programming and production, broadcasting and program information. Support expenses include fundraising, management and general, and underwriting. The increase of \$39,334 was due to an increase in personnel, operating and pension expense.

**YELLOWSTONE PUBLIC RADIO/KEMC-FM**  
 (A PUBLIC RADIO ENTITY)  
 OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
 MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED)  
 Years Ended June 30, 2019 and 2018

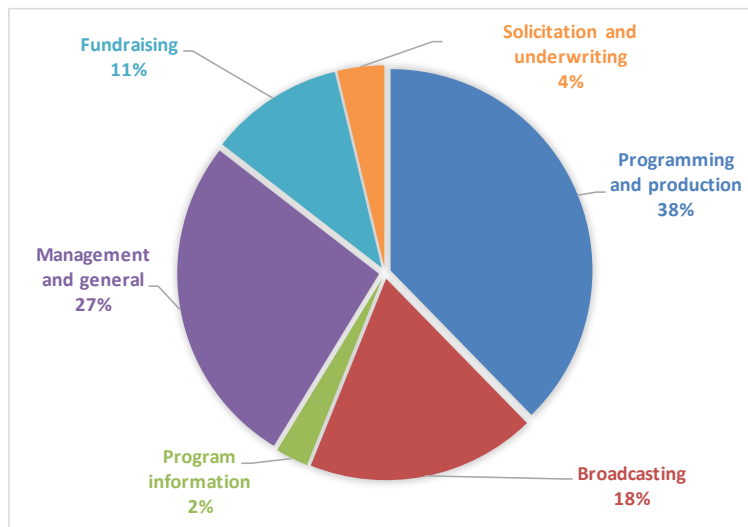
Non-operating revenues consist primarily of contributions, investment income, CPB Grant revenue and state appropriations. The decrease of \$115,926 is due to a decrease in contributions.

**Revenue by Source**



Operating expenses are presented by CPB categories of program and support. Programming expenses include programming and production, broadcasting, and program information. Support expenses include fundraising, management, and general and underwriting. The increase was primarily due to renovation of the studio and increase in programming expense.

**Expenses by Program**



**YELLOWSTONE PUBLIC RADIO/KEMC-FM**  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED)  
Years Ended June 30, 2019 and 2018

**The Statement of Cash Flows** presents information related to cash inflows and outflows, categorized by operating, investing, and financing activities.

<b>Condensed Statement of Cash Flows</b>		
	<u>2019</u>	<u>2018</u>
Cash flows from:		
Operating activities	\$ (1,482,556)	\$ (1,359,954)
Non-capital financing activities	1,264,523	1,354,496
Capital financing activities	(123,953)	(73,882)
Investing activities	<u>19,840</u>	<u>(42,344)</u>
Net increase in cash and cash equivalents	(322,146)	(121,684)
Cash and cash equivalents, beginning of year	<u>1,046,193</u>	<u>985,042</u>
Cash and cash equivalents, end of year	<u>\$ 724,047</u>	<u>\$ 863,358</u>

Operating activities used \$1,482,556 and \$1,359,954 in cash, resulting primarily from the operating loss of \$1,534,792 and \$1,495,477 for June 30, 2019 and 2018, respectively.

Financing activities provided \$1,264,523 and \$1,354,496 in cash for the years ended June 30, 2019 and 2018, respectively, resulting primarily from contributions.

Investing activities provided \$19,840 in cash for the year ended June 30, 2019 and used \$42,344 in cash for the year ended June 30, 2018. The increase was due to sale of investments.

Capital purchases used \$123,953 in cash for the year ended June 30, 2019 and used \$73,882 in cash for the year ended June 30, 2018.

**Economic Outlook**

KEMC/YPR anticipates fundraising, development and underwriting revenues to continue a gradual increase during the 2019-2020 fiscal year. Our pledge drives have been very successful the past year and we anticipate that growth in membership and in donations will continue to increase. Our emphasis on creating 'sustainer' members will continue and this allows us to have a better monthly revenue stream. We have expanded our local news team and news presence in our coverage area and this should lead to more donations since our news programs are the leading sources of donations during our pledge drives. Our development of a smart phone app and adding three new web streams has given our listeners many new choices for programming and we have witnessed a large increase in web pledges during our drives, and we would expect that to continue and to grow. With our concerted effort on underwriting, fundraising, and development, the Station should continue to realize an uptick in revenue. The revenue growth is needed, as the Station continues to invest in personnel, facilities, and infrastructure improvements in the coming year.

FINANCIAL STATEMENTS

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
STATEMENT OF NET POSITION  
June 30, 2019

	2019		
	Yellowstone Public Radio	Friends of Public Radio, Inc.	Total
<b>ASSETS AND DEFERRED OUTFLOW</b>			
<b>CURRENT ASSETS</b>			
Cash and cash equivalents	\$ 310,858	\$ 386,126	\$ 696,984
Accounts receivable	28,790	-	28,790
Pledges receivable	-	172,144	172,144
Prepaid expenses	<u>11,071</u>	<u>-</u>	<u>11,071</u>
Total current assets	<u>350,719</u>	<u>558,270</u>	<u>908,989</u>
<b>CAPITAL ASSETS</b>			
Studio and broadcast equipment	72,270	-	72,270
Satellite	13,349	-	13,349
Transmission, antenna, tower	955,042	-	955,042
Accumulated depreciation	<u>(874,702)</u>	<u>-</u>	<u>(874,702)</u>
Total capital assets	<u>165,959</u>	<u>-</u>	<u>165,959</u>
<b>OTHER ASSETS</b>			
Restricted cash equivalents	-	27,063	27,063
Restricted investments	-	1,459,064	1,459,064
Cash surrender value - life insurance	<u>-</u>	<u>97,474</u>	<u>97,474</u>
Total other assets	<u>-</u>	<u>1,583,601</u>	<u>1,583,601</u>
<b>DEFERRED OUTFLOW OF RESOURCES</b>			
Pension adjustments	<u>131,044</u>	<u>-</u>	<u>131,044</u>
Total deferred outflow of resources	<u>131,044</u>	<u>-</u>	<u>131,044</u>
Total assets and deferred outflow	<u>\$ 647,722</u>	<u>\$ 2,141,871</u>	<u>\$ 2,789,593</u>

The Notes to Financial Statements are an integral part of this statement.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
STATEMENT OF NET POSITION (CONTINUED)  
June 30, 2019

	2019		
	Yellowstone Public Radio	Friends of Public Radio, Inc.	Total
<b>LIABILITIES, DEFERRED INFLOW, AND NET POSITION</b>			
<b>CURRENT LIABILITIES</b>			
Accounts payable and accrued expenses	\$ 14,055	\$ -	\$ 14,055
Unearned revenue	194,605	-	194,605
Current portion, compensated absences	<u>44,524</u>	-	<u>44,524</u>
Total current liabilities	<u>253,184</u>	<u>-</u>	<u>253,184</u>
<b>LONG-TERM LIABILITIES</b>			
Compensated absences, net of current portion	43,364	-	43,364
Annuities obligation	-	12,411	12,411
Net OPEB obligation	66,625	-	66,625
Pension liability	<u>522,504</u>	<u>-</u>	<u>522,504</u>
Total long-term liabilities	<u>632,493</u>	<u>12,411</u>	<u>644,904</u>
Total liabilities	<u>885,677</u>	<u>12,411</u>	<u>898,088</u>
<b>DEFERRED INFLOW OF RESOURCES</b>			
Pension adjustments	<u>107,662</u>	<u>-</u>	<u>107,662</u>
Total deferred inflow of resources	<u>107,662</u>	<u>-</u>	<u>107,662</u>
<b>NET POSITION</b>			
Net investment in capital assets	165,959	-	165,959
Unrestricted	(511,576)	553,520	41,944
Restricted, expendable	<u>-</u>	<u>1,575,940</u>	<u>1,575,940</u>
Total net position	<u>(345,617)</u>	<u>2,129,460</u>	<u>1,783,843</u>
Total liabilities, deferred inflow, and net position	<u>\$ 647,722</u>	<u>\$ 2,141,871</u>	<u>\$ 2,789,593</u>

The Notes to Financial Statements are an integral part of this statement.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
STATEMENT OF REVENUES, EXPENSES, AND CHANGE IN NET POSITION  
Year Ended June 30, 2019

	2019		
	Yellowstone Public Radio	Friends of Public Radio, Inc.	Total
<b>OPERATING REVENUES</b>			
Miscellaneous grant revenue	\$ 178	\$ -	\$ 178
Donated facilities and direct and indirect administrative support from Montana State University - Billings	269,806	-	269,806
Corporate memberships and underwriting	267,312	-	267,312
Other operating revenue	<u>23,015</u>	<u>-</u>	<u>23,015</u>
Total operating revenues	<u>560,311</u>	<u>-</u>	<u>560,311</u>
<b>OPERATING EXPENSES</b>			
Program services:			
Programming and production	790,104	-	790,104
Broadcasting	385,168	-	385,168
Program information	<u>55,057</u>	<u>-</u>	<u>55,057</u>
Total program services	<u>1,230,329</u>	<u>-</u>	<u>1,230,329</u>
Supporting services:			
Management and general	560,853	-	560,853
Fundraising	196,816	28,648	225,464
Solicitation and underwriting	<u>78,457</u>	<u>-</u>	<u>78,457</u>
Total supporting services	<u>836,126</u>	<u>28,648</u>	<u>864,774</u>
Total operating expenses	<u>2,066,455</u>	<u>28,648</u>	<u>2,095,103</u>
Operating loss	<u>(1,506,144)</u>	<u>(28,648)</u>	<u>(1,534,792)</u>

The Notes to Financial Statements are an integral part of this statement.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
STATEMENT OF REVENUES, EXPENSES, AND CHANGE IN NET POSITION  
(CONTINUED)  
Year Ended June 30, 2019

	2019		
	Yellowstone Public Radio	Friends of Public Radio, Inc.	Total
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
Community Service Grant from CPB	182,627	-	182,627
Contributions - other	55,057	-	55,057
General appropriation from the University System	112,760	-	112,760
Investment income	-	86,905	86,905
Contributions - Friends	-	917,139	917,139
Pension revenue	11,414	-	11,414
Receipt from affiliates	1,125,000	-	1,125,000
Payments to affiliates	<u>-</u>	<u>(1,125,000)</u>	<u>(1,125,000)</u>
Net non-operating revenues	<u>1,486,858</u>	<u>(120,956)</u>	<u>1,365,902</u>
Change in net position	<u>(19,286)</u>	<u>(149,604)</u>	<u>(168,890)</u>
Net position, beginning of year, as previously reported	(509,166)	2,279,064	1,769,898
Prior period adjustment	<u>182,835</u>	<u>-</u>	<u>182,835</u>
Net position, beginning of year, restated	<u>(326,331)</u>	<u>2,279,064</u>	<u>1,952,733</u>
Net position, end of year	<u>\$ (345,617)</u>	<u>\$ 2,129,460</u>	<u>\$ 1,783,843</u>

The Notes to Financial Statements are an integral part of this statement.



YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
STATEMENT OF CASH FLOWS  
Year Ended June 30, 2019

	2019		
	Yellowstone Public Radio	Friends of Public Radio, Inc.	Total
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>			
Cash received from corporate memberships	\$ 267,312	\$ -	\$ 267,312
Cash received from other operating sources	<u>311,288</u>	<u>-</u>	<u>311,288</u>
Cash received from operating activities	<u>578,600</u>	<u>-</u>	<u>578,600</u>
Cash paid for operations	1,248,086	28,648	1,276,734
Cash paid for compensation and benefits	<u>784,422</u>	<u>-</u>	<u>784,422</u>
Cash paid for operating activities	<u>2,032,508</u>	<u>28,648</u>	<u>2,061,156</u>
Net cash flows from operating activities	<u>(1,453,908)</u>	<u>(28,648)</u>	<u>(1,482,556)</u>
<b>CASH FLOWS FROM NON-CAPITAL AND RELATED FINANCING ACTIVITIES</b>			
Contributions	55,057	914,143	969,200
Cash received from CPB grant	182,627	-	182,627
Cash received from Friends	1,125,000	-	1,125,000
Cash paid to the Station from Friends	-	(1,125,000)	(1,125,000)
Cash received from appropriation	112,760	-	112,760
Annuity obligation	<u>-</u>	<u>(64)</u>	<u>(64)</u>
Net cash flows from non-capital and related financing activities	<u>1,475,444</u>	<u>(210,921)</u>	<u>1,264,523</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>			
Purchase of capital assets	<u>(123,953)</u>	<u>-</u>	<u>(123,953)</u>
Net cash flows from capital and related financing activities	<u>(123,953)</u>	<u>-</u>	<u>(123,953)</u>

The Notes to Financial Statements are an integral part of this statement.

**YELLOWSTONE PUBLIC RADIO/KEMC-FM**  
**(A PUBLIC RADIO ENTITY)**  
**OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS**  
**STATEMENT OF CASH FLOWS (CONTINUED)**  
**Year Ended June 30, 2019**

	2019		
	Yellowstone Public Radio	Friends of Public Radio, Inc.	Total
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>			
Purchase of investments	-	(329,935)	(329,935)
Proceeds from sale of investments	-	262,870	262,870
Interest income	-	86,905	86,905
Net cash flows from investing activities	-	19,840	19,840
Net change in cash and cash equivalents	(102,417)	(219,729)	(322,146)
Cash and cash equivalents, beginning of year	413,275	632,918	1,046,193
Cash and cash equivalents, end of year	\$ 310,858	\$ 413,189	\$ 724,047
 <b>AS PRESENTED IN THE ACCOMPANYING BALANCE SHEETS</b>			
Cash and cash equivalents, unrestricted	\$ 310,858	\$ 386,126	\$ 696,984
Restricted cash equivalents	-	27,063	27,063
	\$ 310,858	\$ 413,189	\$ 724,047
 <b>RECONCILIATION OF OPERATING LOSS TO NET CASH FLOWS FROM OPERATING ACTIVITIES</b>			
Operating loss	\$ (1,506,144)	\$ (28,648)	\$ (1,534,792)
Adjustments to reconcile operating loss to net cash flows from operating activities:			
Depreciation and amortization	49,513	-	49,513
Change in OPEB liability	(44,940)	-	(44,940)
Change in Pension liability	81,450	-	81,450
Change in operating assets:			
Accounts receivable	18,289	-	18,289
Prepaid expenses	3,068	-	3,068
Changes in operating liabilities:			
Accounts payable and accrued expenses	(55,908)	-	(55,908)
Deferred revenue	11,770	-	11,770
Compensated absences	(11,006)	-	(11,006)
Net cash flows from operating activities	\$ (1,453,908)	\$ (28,648)	\$ (1,482,556)

The Notes to Financial Statements are an integral part of this statement.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2019

**NOTE 1. SIGNIFICANT ACCOUNTING POLICIES**

**Organization**

Yellowstone Public Radio (the Station) is a public radio station (KEMC-FM) funded in part by a grant through the Corporation for Public Broadcasting. The Station is operated by Montana State University-Billings (MSU-Billings), a separate operational unit of Montana State University (MSU), which is a component unit of the State of Montana, and is included in the financial statements of the State of Montana as part of the Higher Education component unit. Financial activities of MSU-Billings, including the Station, are included in the financial statements of MSU.

The Station services Montana and Wyoming by acquiring, producing, and delivering high quality radio programming, production, and community outreach services. These non-commercial services provide educational, informational, and entertaining programming produced nationally and locally and extends the impact of radio through community outreach efforts. The Station relies significantly on grants, MSU-Billings support, and public contributions.

The component unit described below is included in the Station's reporting entity because of the significance of the operational and financial relationship with the Station.

**Component Unit**

The Friends of Public Radio, Inc. is a not-for-profit corporation under Internal Revenue Code Section 501(c)(3) and is classified as other than a private foundation. Friends of Public Radio, Inc. raises funds to provide financial and other support to the Station, a public radio station licensed by MSU-Billings. The support provided includes fundraising, positive community relations, a volunteer system, and related administrative services.

The administration of Friends of Public Radio, Inc. is provided by a Board of Directors consisting of 30 members, who serve three-year annual terms. Special memberships on the Board of Directors include (1) the Chancellor of MSU-Billings, who serves as an ex officio without voting powers, and (2) a representative of the Station chosen by the Board of Directors upon recommendation of the Chancellor of MSU-Billings, selected each year to serve without voting powers.

**Financial Statement Presentation**

The Station's financial statements are presented in accordance with requirements of Governmental Accounting Standards Board (GASB) Statement No. 34, *Basic Financial Statements and Management Discussion and Analysis for State and Local Governments*, and GASB Statement No. 35, *Basic Financial Statements and Management's Discussion and Analysis for Public Colleges and Universities*. Under GASB Statements No. 34 and No. 35, the Station is required to present a statement of net position classified between current and noncurrent assets and liabilities, a statement of revenues, expenses, and change in net position—with separate presentation for operating and non-operating revenues and expenses—and a statement of cash flows using the direct method.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 1. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

**Basis of Accounting**

For financial reporting purposes, the Station is considered a special-purpose government engaged only in business-type activities. Accordingly, the Station's financial statements have been presented using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis, revenues are recognized when earned and expenses are recorded when an obligation has been incurred.

**Cash and Cash Equivalents**

For purposes of the statement of cash flows, short-term investments (including restricted cash) are included in cash equivalents. Short-term investments are recorded at cost, which approximates market value.

**Accounts Receivable**

Management has determined accounts receivable to be fully collectible, and thus, no provision has been made for an allowance for doubtful accounts.

**Pledges Receivable**

Pledges receivable are stated at net realizable value and are due within one to three years. Management has determined pledges receivable to be fully collectible, and thus, no provision has been made for an allowance for doubtful accounts.

**Capital Assets**

Capital assets with a cost, or in the case of donated property—estimated fair value at date of receipt—of \$5,000 or more and an estimated useful life of more than one year are capitalized, consistent with MSU-Billings' policy.

Depreciation is computed using the straight-line method over the estimated useful lives of the assets as follows:

	<u>Years</u>
Studio and broadcast equipment	13 to 31
Satellite	13
Transmission, antenna, tower	5 to 20
Furniture and fixtures	5

**Investments**

The Station accounts for its investments at fair value. All investment income, including changes in unrealized gain (loss) on the carrying value of investments, is reported as a component of investment income.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 1. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

**Compensated Absences**

Employees' compensated absences are accrued when earned. The obligation and expenditure incurred during the year are recorded as accrued compensated absences in the statement of net position, and as a component of compensation and benefit expense in the statement of revenues, expenses, and change in net position. As of December 31 of each year, employees can accumulate vacation leave up to twice the number of leave days earned annually and sick leave can be accumulated without limitation. Upon termination, the employee is paid the accumulated vacation leave and 25% of the accumulated sick leave. Amounts recorded as compensated absences payable include employer benefits.

**Net Position**

The Station's net position is classified as follows:

*Invested in capital assets, net of related debt:* This represents the Station's total investment in capital assets, net of depreciation, and outstanding debt obligations related to those capital assets. To the extent debt has been incurred but not yet expended for capital assets, such amounts are not included as a component of invested in capital assets, net of related debt.

*Restricted – expendable:* Expendable restricted includes resources in which the Station is legally or contractually obligated to spend resources in accordance with restrictions imposed by external third parties.

*Restricted – non-expendable:* Non-expendable restricted consists of endowment and similar type funds in which donors or other outside sources have stipulated, as a condition of the gift instrument, the principal is to be maintained inviolate and in perpetuity and invested for the purpose of producing present and future income, which may either be expended or added to principal.

*Unrestricted:* Unrestricted represents resources derived from operating grants, state appropriations, corporate memberships and underwriting, and unrestricted contributions. These resources are used for transactions relating to the general operations of the Station and may be used at the discretion of the governing board to meet current expenses for any purpose.

When an expense is incurred that can be paid using either restricted or unrestricted resources, the Station's policy is to apply the expense on a case by case basis.

**Classification of Revenues**

The Station has classified its revenues as either operating or non-operating revenues according to the following criteria:

*Operating revenues:* Operating revenues include activities that have the characteristics of exchange transactions, such as (1) operating grants, (2) support from MSU-Billings, and (3) corporate memberships and underwriting.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 1. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

**Classification of Revenues (Continued)**

*Non-operating revenues:* Non-operating revenues include activities that have the characteristics of non-exchange transactions, such as community service grants from CPB, gifts and contributions, state appropriations, and other revenue sources that are defined as non-operating revenues by GASB No. 9, *Reporting Cash Flows of Proprietary and Nonexpendable Trust Funds and Government Entities that use Proprietary Fund Accounting*, and GASB No. 34.

**Community Service Grants**

The Corporation for Public Broadcasting (CPB) is a private, non-profit, grant-making organization responsible for funding more than 1,000 television and radio stations. CPB distributes annual Community Service Grants (CSGs) to qualifying public telecommunications entities. CSGs are used to augment the financial resources of public broadcasting stations and thereby, to enhance the quality of programming and expand the scope of public broadcasting services. Each CSG may be expended over one or two federal fiscal years as described in the Communications Act, 47 United States Code Annotated Section 396(k)(7), (1983) Supplement. In any event, each grant must be expended within two years of the initial grant authorization.

According to the Communications Act, funds may be used at the discretion of the recipients. The Station uses these funds for purposes relating primarily to production and acquisition of programming. Also, the grants may be used to sustain activities begun with CSGs awarded in prior years.

The grants are reported on the accompanying financial statements as unrestricted non-operating funds; however, certain guidelines must be satisfied in connection with application for and use of the grants to maintain eligibility and compliance requirements. These guidelines pertain to the use of grant funds, record keeping, audits, and financial reporting and licensee status with the Federal Communications Commission.

**Donated Facilities, Materials, and Services**

Donated facilities from MSU-Billings consist of office and studio space together with related occupancy costs and are recorded as revenue and expense at estimated fair rental values in the statement of revenues, expenses, and change in net position. Administrative support from MSU-Billings consists of indirect costs incurred by MSU-Billings on behalf of the Station, determined by established cost pools, which are grouped into functional categories such as institutional support and physical plant support, which is then allocated, based on the Station's direct costs in accordance with guidelines established by the CPB. Donated materials are recorded at their fair value at the time of contribution. Donated personal services are recognized if the services received (a) create or enhance long-lived assets or (b) require specialized skills, are provided by individuals possessing those skills, and would typically need to be purchased if not provided by donation.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 1. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

**Functional Allocation of Expenses**

The cost of providing the various programs and other activities has been summarized on a functional basis in the statement of revenues, expenses, and change in net position. Accordingly, certain costs have been allocated among the programs and supporting services benefited.

**Tax Status**

As a state institution of higher education, the income of the Station is exempt from federal and state income taxes; however, income generated from activities unrelated to the exempt purpose is subject to income tax under Internal Revenue Code Section 511 (a)(2)(B).

**Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (GAAP) require management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reported period. Actual results could differ from those estimates.

**Subsequent Events**

Management has evaluated subsequent events through February 7, 2020, the date which the financial statements were available for issue.

**NOTE 2. CASH AND CASH EQUIVALENTS**

Cash balances are maintained (1) in pooled funds with other MSU-Billings funds and (2) at a local financial institution. FDIC coverage is limited to \$250,000 per account holder. From time to time, certain bank accounts that are subject to limited FDIC coverage exceed their insured limits. At June 30, 2019, bank accounts exceeded insured limits by \$163,189.

Because of the pooled cash concept, it is not possible to allocate the Station's share of the pooled cash balances into the various risk categories.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 3. CAPITAL ASSETS**

Activity for capital assets for the year ended June 30, 2019, is summarized below:

	June 30, 2018	Additions	Transfers	Retirements	June 30, 2019
Studio and broadcast equipment	\$ 72,270	\$ -	\$ -	\$ -	\$ 72,270
Satellite	13,349	-	-	-	13,349
Transmission, antenna, tower	831,089	123,953	-	-	955,042
Accumulated depreciation	<u>(825,189)</u>	<u>(49,513)</u>	-	-	<u>(874,702)</u>
	<u>\$ 91,519</u>	<u>\$ 74,440</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 165,959</u>

Depreciation expense was charged to the broadcasting function in the amount of \$49,513.

**NOTE 4. INVESTMENTS**

Investments consist of securities within the Fund 2000 restricted term endowment and the Friends of Public Radio, Inc. board directed account. The Station records the investments at fair value, with changes in value shown as a component of current-year, non-operating income.

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs, using the market value approach.

As required under GAAP, investments are classified within the level of lowest significant input considered in determining fair value. GAAP also establishes a fair value hierarchy, which prioritizes the valuation of inputs into three broad levels: Level 1 as quoted prices in active markets as of the measurement date, Level 2 quoted prices that are not active, quoted prices for similar assets or liabilities in active markets or inputs other than quoted prices that are observable (either directly or indirectly) for substantially the full term of the asset or liability and Level 3 significant unobservable prices or inputs for which there is little or no market activity for the asset or liability at the measurement date.

A comparison of cost to fair value, with the cumulative unrealized gain, follows:

	<u>Historical Cost</u>	<u>Level 1 Fair Value</u>	<u>Cumulative Unrealized Gain</u>
Investments	\$ 1,269,897	\$ 1,459,064	\$ 189,167



YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 4. INVESTMENTS (CONTINUED)**

*Interest Rate Risk:* This is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. The Station has an investment policy that limits investment maturities for any single security to 20 years or less. Information about the exposure of the Station's investments to this risk at June 30, 2019, using the segmented time distribution model is shown below:

<u>Investment</u>	<u>Fair Value</u>	<u>Investment Maturities</u>			
		<u>Less Than 1 Year</u>	<u>1-5 Years</u>	<u>6-10 Years</u>	<u>Over 10 Years</u>
U.S. Treasuries	\$ 11,942	\$ 11,942	\$ -	\$ -	\$ -
U.S. Government Agencies	48,296	-	32,791	15,505	-
Corporate Bonds	107,154	25,023	82,131	-	-
Foreign Bonds	30,403	30,403	-	-	-
Mutual Funds:					
Domestic	545,469	545,469	-	-	-
Foreign	263,141	263,141	-	-	-
Stocks:					
Domestic	366,766	366,766	-	-	-
Foreign	35,508	35,508	-	-	-
Real Estate	50,385	50,385	-	-	-
Total	<u>\$ 1,459,064</u>	<u>\$ 1,328,637</u>	<u>\$ 114,922</u>	<u>\$ 15,505</u>	<u>\$ -</u>

*Credit Risk:* Generally, credit risk is the risk that an issuer of a debt-type investment will not fulfill its obligation to the holder of the investment. This is measured by assignment of a rating by a nationally recognized rating organization. Presented below are the ratings for each investment type at June 30, 2019:

	<u>Fair Value</u>	<u>AAA to Aa3</u>	<u>A1 to A3</u>	<u>Baa1 - Baa3</u>	<u>Unrated</u>
U.S. Treasuries	\$ 11,942	\$ 11,942	\$ -	\$ -	\$ -
U.S. Government Agencies	48,296	48,296	-	-	-
Corporate Bonds	107,154	87,831	8,233	11,090	-
Foreign Bonds	30,403	30,403	-	-	-
Mutual Funds:					
Domestic	545,469	-	-	-	545,469
Foreign	263,141	-	-	-	263,141
Stocks:					
Domestic	366,766	-	-	-	366,766
Foreign	35,508	-	-	-	35,508
Real Estate	50,385	-	-	-	50,385
Total	<u>\$ 1,459,064</u>	<u>\$ 178,472</u>	<u>\$ 8,233</u>	<u>\$ 11,090</u>	<u>\$ 1,261,269</u>

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 4. INVESTMENTS (CONTINUED)**

*Credit Risk (Continued):*

A paid-up life insurance policy was donated in a prior year in which Friends of Public Radio, Inc. is the beneficiary. The cash value of the policy at June 30, 2019, amounted to \$97,474 with a death benefit of \$141,138.

The calculation of realized gains is independent of the calculation of the net increase in the fair value of investments. Realized gains and losses on investments that had been held in more than one fiscal year and sold in the current year may have been recognized as an increase or decrease in the fair value of investments reported in the prior year. Current-year investment income consists of the following:

Interest and dividends	\$ 30,927
Unrealized gain	35,138
Realized gain	<u>20,840</u>
	<u>\$ 86,905</u>

**NOTE 5. PENSION PLANS**

The Station's employees are covered under the Montana Public Employees' Retirement System (PERS) or the Montana Teachers' Retirement System (TRS). PERS includes options as either a defined benefit or a defined contribution plan, and TRS is a defined benefit retirement plan. PERS and TRS are multiple-employer, cost sharing plans.

The following information, related to these pension plans, is related to activity of the Station. For information regarding pension plans related to the Station, the information can be found in Montana State University's annual financial report.

Following is the total of the Station's share of balances for material defined benefit plans as of and for the years ended June 30:

	2019		
	TRS	PERS	Total
Net pension liability	\$ 38,835	\$ 483,669	\$ 522,504
Deferred outflows of resources	20,740	110,304	131,044
Deferred inflows of resources	432	107,230	107,662
Pension expense (including state share paid on behalf of the University)	3,855	29,868	33,723

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

In accordance with Statement on Governmental Accounting Standard No. 68, Accounting and Financial Reporting for Pensions (Statement 68), employers are required to recognize and report certain amounts associated with their participation in retirement plans. Statement 68 became effective June 30, 2015, and includes requirements to record and report the Station's proportionate share of the collective Net Pension Liability, Pension Expense, Deferred Inflows and Deferred Outflows of resources associated with pensions. As defined by Statement 68, the Station has a special funding situation in which the State of Montana is legally responsible for making contributions directly to TRS and PERS that are used to provide pension benefits to the retired members of each of the plans. Due to the existence of a special funding situation, the Station is also required to report the portion of the State of Montana's proportionate share of the collective Net Pension Liability (NPL) that is associated with the Station.

***Public Employees' Retirement System (PERS)***

**PERS Plan Description**

The PERS-Defined Benefit Retirement Plan (DBRP), administered by the Montana Public Employee Retirement Administration (MPERA), is a multiple-employer, cost-sharing plan established July 1, 1945, and governed by Title 19, chapters 2 & 3, Montana Code Annotated (MCA). This plan covers the State, local governments, certain employees of the Montana University System, and school districts. Benefits are established by state law and can only be amended by the Legislature.

The PERS-DBRP provides retirement, disability, and death benefits to plan members and their beneficiaries. Benefits are based on eligibility, years of service, and the highest average compensation. Member rights are vested after five years of service.

**PERS Eligibility for Participation**

All new members in covered positions are defaulted to the PERS-DBRP and have a 12-month window during which they may choose to remain in the PERS-DBRP or join the PERS-Defined Contribution Retirement Plan (DCRP) by filing an irrevocable election. Members may not be members of both the defined contribution and defined benefit retirement plans. All new members from the Station also have a third option to join the Montana University System Retirement Program (MUS-RP). For members that choose to join the PERS-DCRP or the MUS-RP, a percentage of the employer contributions is used to pay down the liability of the PERS-DBRP. A new employee of the Station who is already active or inactive member of one of the PERS Plans may remain in the current retirement option or transfer to the MUS-RP. Written election to move to the MUS-RP must be done within 30 days of becoming eligible to participate, or employees default to their existing retirement plan.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

***Public Employees' Retirement System (PERS) (Continued)***

**Summary of Benefits**

Service retirement:

Hired prior to July 1, 2011:	Age 60, 5 years of membership service; Age 65, regardless of membership service; or Any age, 30 years of membership service.
Hired on or after July 1, 2011:	Age 65, 5 years of membership services; Age 70, regardless of membership service.
Early retirement, actuarially reduced: Hired prior to July 1, 2011:	Age 50, 5 years of membership service; or Any age, 25 years of membership service.
Hired on or after July 1, 2011:	Age 55, 5 years of membership service.

**Second Retirement** (requires returning to PERS-covered employer or PERS service):

- 1) Retired before January 1, 2016 and accumulate less than 2 years additional service credit or retired on or after January 1, 2016 and accumulate less than 5 years additional service credit:
  - a. A refund of members' contributions plus return interest (currently .77% effective July 1, 2017).
  - b. No service credit for the second employment;
  - c. Start the same benefit amount the month following termination; and
  - d. Guaranteed Annual Benefit Adjustment (GABA) starts again in the January immediately following the second retirement.
- 2) Retired before January 1, 2016 and accumulate at least 2 years of additional service credit:
  - a. A recalculated retirement benefit based on provisions in effect after the initial retirement; and
  - b. GABA starts on the recalculated benefit in the January after receiving the new benefit for 12 months.
- 3) Retired on or after January 1, 2016 and accumulate 5 or more years of service credit:
  - a. The same retirement as prior to the return to service;
  - b. A second retirement benefit as prior to the second period of service based on laws in effect upon the rehire date; and
  - c. GABA starts on both benefits in the January after receiving the original and the new benefit for 12 months.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Public Employees' Retirement System (PERS) (Continued)*

**Member's Highest Average Compensation (HAC)**

- Hired prior to July 1, 2011 – highest average compensation during any consecutive 36 months;
- Hired on or after July 1, 2011 – highest average compensation during any consecutive 60 months.

**Compensation Cap**

- Hired on or after July 1, 2013 – 110% annual cap on compensation considered as part of a member's highest average compensation.

**PERS Monthly Benefit Formula**

Members hired prior to July 1, 2011:

- Less than 25 years of membership service: 1.785% of HAC per year of service credit;
- 25 years of membership service or more: 2% of HAC per year of service credit.

Members hired on or after July 1, 2011:

- Less than 10 years of membership service: 1.5% of HAC per year of service credit;
- 10 years or more, but less than 30 years of membership service: 1.785% of HAC per year of service credit;
- 30 years or more of membership service: 2% of HAC per year of service credit.

**PERS Guaranteed Annual Benefit Adjustment (GABA)**

After the member has completed 12 full months of retirement, the member's benefit increases by the applicable percentage (provided below) each January, **inclusive** of other adjustments to the member's benefit.

- 3.0% for members hired prior to July 1, 2007
- 1.5% for members hired on or after July 1, 2007 through June 30, 2013
- Members hired on or after July 1, 2013:
  - 1.5% for each year PERS is funded at or above 90%;
  - 1.5% is reduced by 0.1% for each 2% PERS is funded below 90%; and
  - 0% whenever the amortization period for PERS is 40 years or more.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Public Employees' Retirement System (PERS) (Continued)*

**PERS Net Pension Liability (NPL)**

As defined by GASB Statement 68, PERS has a special funding situation in which the State of Montana is legally responsible for making contributions directly to PERS on behalf of the employers. Due to the existence of this special funding situation, local governments and school districts are required to report the portion of the State of Montana's proportionate share of the collective Net Pension Liability that is associated with the employer. This arrangement does not apply to the Station, so a State share of pension liability is not reported.

The Station's net pension liability related to PERS was as follows for the years ended June 30:

			Percent of Collective NPL at June 30,		Increase (Decrease) in Percent of Collective NPL
	2019	2018	2019	2018	
The Station's proportionate share	\$ 483,669	\$ 538,284	0.023%	0.028%	-0.005%

The NPL was measured as of June 30, 2018, and the Total Pension Liability used to calculate the Net Pension Liability was determined by an actuarial valuation as of June 30, 2018, with update procedures to roll forward the TPL to the measurement date of June 30, 2019. The Station's proportion of the NPL was based on the Station's contributions received by PERS during the measurement period July 1, 2017, through June 30, 2018, relative to the total employer contributions received from all of PERS' participating employers.

**PERS Changes Between the Measurement Date and the Reporting Date**

There were no changes in proportion that would have an effect on the Station's proportionate share of the collective Net Pension Liability.

**PERS Pension Expense**

The Station's pension expense related to PERS was as follows for the years ended June 30:

	<u>2019</u>
Station's proportionate share	\$ 19,487
State of Montana proportionate share/ Station revenue recognized	<u>10,381</u>
Total	<u>\$ 29,868</u>

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Public Employees' Retirement System (PERS) (Continued)*

**PERS Deferred Inflows and Outflows**

The Station's share of deferred outflows of resources and deferred inflows of resources related to PERS was as follows:

	2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual economic experience	\$ 36,779	\$ -
Differences between projected and actual earnings on pension plan investments	-	7,511
Change in assumptions	41,128	-
Change in proportionate share	-	99,719
*Contributions paid to PERS subsequent to the measurement date	32,397	-
Total	\$ 110,304	\$ 107,230

\* Amounts reported as deferred outflows of resources related to pensions resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the Net Pension Liability in the year ended June 30, 2020.

Other amounts reported as deferred outflows and inflows of resources related to pensions will be fully recognized in pension expense during the years ending June 30:

	Net Amount to be Recognized as an Increase or (Decrease) to Pension Expense
2020	\$ 380
2021	3,353
2022	(29,968)
2023	(3,086)

**PERS Overview of Contributions**

Rates are specified by Montana Statutes and are a percentage of the members' compensation. The State legislature has the authority to establish and amend contribution rates to the plan.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Public Employees' Retirement System (PERS) (Continued)*

**PERS Member Contributions**

- Plan members are required to contribute 7.90% of member's compensation. Contributions are deducted from each member's salary and remitted by participating employers.
- The 7.90% member contribution rate is temporary and will be decreased to 6.9% on January 1 in the year following an actuarial valuation in which results that show the amortization period has dropped below 25 years and would remain below 25 years following reduction of both the additional employer and additional member contributions rates.

**PERS Employer Contributions**

- State and University employers are required to contribute 8.67% of members' compensation.
- Local government entities are required to contribute 8.57% of members' compensation.
- School district employers contributed 8.30% of members' compensation.
- Following the 2013 Legislative Session, PERS-employer contributions were temporarily increased. Effective July 1, 2013, employer contributions increased 1.0%. Beginning July 1, 2014, employer contributions began increasing an additional 0.1% each year for 10 years, through 2024. The employer additional contributions including the 0.27% added in 2007 and 2009, terminates on January 1 following actuary valuation results that show the amortization period of the PERS-DBRP has dropped below 25 years and would remain below 25 years following the reductions of both the additional employer and member contributions rates.
- Effective July 1, 2013, employers are required to make contributions on working retirees' compensation, though member contributions for working retirees are not required.
- Effective July 1, 2013, the additional employer contributions for DCRP and MUS-RP were allocated to the defined benefit plan's Plan Choice Rate (PCR) unfunded liability. The PCR was paid off effective March 2016 and the contributions previously directed to the PCR are now directed to member accounts.

**PERS Non-Employer Contributions**

Special Funding: The State of Montana, as the non-employer contributing entity, paid to the Plan, additional contributions that qualify as special funding. Those employers who received special funding are all participating employers.

Not Special Funding: Per Montana law, state agencies and universities paid their own additional contributions. The employer paid contributions are not accounted for as special funding for state agencies and universities but are reported as employer contributions.



YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

***Public Employees' Retirement System (PERS) (Continued)***

**PERS Stand-Alone Statements**

The PERS financial information is reported in the Public Employees' Retirement Board's Comprehensive Annual Financial Report for the fiscal year ended. It is available from the PERB at 100 North Park, PO Box 200131, Helena MT 59620-0131, 406-444-3154.

CAFR information including the stand alone financial statements can be found on their website at <http://mpera.mt.gov/annualreports.shtml>.

Actual valuations and experience studies can be found at <http://mpera.mt.gov>.

**PERS Actuarial Assumptions**

The Total Pension Liability in the June 30, 2018 actuarial valuation was determined using the following actuarial assumptions.

- General Wage Growth\* 3.50%  
\*includes Inflation at 2.75%
- Merit Increases 0% to 4.8%
- Investment Return (net of expenses) 7.65%
- Admin Expense as % of Payroll 0.26%
- Postretirement Benefit Increases
  - 3% for members hired prior to July 1, 2007
  - 1.5% for members hired between July 1, 2007 and June 30, 2013
  - Members hired on or after July 1, 2013
    - 1.5% for each year PERS is funded at or above 90%;
    - 1.5% is reduced by 0.1% for each 2% PERS is funded below 90%; and
    - 0% whenever the amortization period for PERS is 40 years or more.
- Mortality assumptions for contributing members, service retired members and beneficiaries based on RP 2000 Combined Employee and Annuitant Mortality Tables projected to 2020 with scale BB, males set back one year
- Mortality assumptions among Disabled Retirees are based on RP 2000 Combined Mortality Tables with no projections.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Public Employees' Retirement System (PERS) (Continued)*

**PERS Discount Rate**

The discount rate used to measure the Total Pension Liability was 7.65%. The projection of cash flows used to determine the discount rate assumed that contributions from participating plan members, employers, and non-employer contributing entities will be made based on the Board's funding policy, which establishes the contractually required rates under Montana Code Annotated. The State contributes 0.1% of salaries for local governments and 0.37% for school districts. In addition, the State contributes a statutory appropriation from the general fund. Based on those assumptions, the PERS fiduciary net position was projected to be adequate to make all the projected future benefit payments of current plan members through the year 2122. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the Total Pension Liability. No municipal bond rate was incorporated in the discount rate.

**PERS Target Allocations**

Asset Class	Target Asset Allocation	Long-term Expected Real Rate of Return
Cash equivalents	2.60%	4.00%
Domestic equity	36.00%	4.55%
Foreign equity	18.00%	6.35%
Fixed income	23.40%	1.00%
Private equity	12.00%	7.75%
Real estate	<u>8.00%</u>	4.00%
Total	<u>100.00%</u>	

The most recent experienced study, performed for the period covering fiscal years 2011 through 2016, is outlined in a report dated May 2017, which is located on the MPERA website. The long-term expected return on pension plan assets is reviewed as part of the regular experience studies prepared for PERS. Several factors are considered in evaluating the long-term rates of return assumption including historical rates of return, rates of return assumptions adopted by similar public sector systems, and by using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the PERS target asset allocation as of June 30, 2018, are summarized in the above table.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

***Public Employees' Retirement System (PERS) (Continued)***

**PERS Sensitivity Analysis**

Below is information regarding the net pension liability calculated using the current and two additional rates:

	1.0% Decrease (6.65%)	Current Discount Rate (7.65%)	1.0% Increase (8.65%)
The Station's proportion of Net Pension Liability	\$ 699,490	\$ 483,669	\$ 306,389

**PERS Summary of Significant Accounting Policies**

The Montana Public Employee Retirement Administration (MPERA) prepares its financial statements using the accrual basis of accounting. For the purposes of measuring the NPL; deferred inflows of resources and deferred outflows of resources related to pensions; Pension Expense, information about the fiduciary net position; and, additions to/deductions from fiduciary net position have been determined on the same accrual basis as they are reported by MPERA. For this purpose, member contributions are recognized in the period in which contributions are due. Employer contributions are recognized when due and the employer has made a formal commitment to provide the contributions. Revenues are recognized in the accounting period they are earned and become measurable. Benefit payments and refunds are recognized in the accounting period when due and payable in accordance with the benefit terms. Expenses are recognized in the period incurred. Investments are reported at fair value. MPERA adheres to all applicable Governmental Accounting Standards Board (GASB) statements.

***Teachers' Retirement System (TRS)***

**TRS Plan Description**

Teachers' Retirement System (TRS or the System) is a mandatory-participation, multiple-employer cost-sharing defined-benefit public pension plan that provides retirement services to individuals employed as teachers, administrators, and in other professional and skilled positions employed in public education in Montana. The TRS Board is the governing body, and the TRS staff administers the system in conformity with the laws set forth in Title 19, chapter 20 of the Montana Code Annotated, and administrative rules set forth in Title 2, chapter 44 of the Administrative Rules of Montana. Additional information pertaining to membership, benefit structure, and prior years' actuarial valuations, as well as links to applicable statutes and administrative rules, may be obtained by visiting the TRS web site at [trs.mt.gov](http://trs.mt.gov).

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Teachers' Retirement System (TRS) (Continued)*

**TRS Eligibility for Participation**

Membership in TRS is mandatory for all K-12 public educators, except for persons teaching fewer than thirty days in each fiscal year. A Station faculty member who is already an active, inactive or retired member of TRS, if hired into a position that was previously covered by TRS, may have a choice to remain in TRS or transfer to the Montana University System Retirement Program (MUS-RP). Station employees not already members of TRS, or that are members of TRS but are hired into a position that was not previously covered by TRS, will become members of the MUS-RP.

**TRS Summary of Benefits**

Through June 30, 2013, all members enrolled in TRS participated in a single-tiered plan ("Tier One"). Employees with a minimum of 25 years of service or who have reached age 60 with 5 years of service are eligible to receive an annual retirement benefit equal to creditable service years divided by 60 times the average final compensation. Final compensation is the average of the highest three consecutive years of earned compensation. Benefits fully vest after 5 years of creditable service. Vested employees may retire at or after age 50 and receive reduced retirement benefits. Beginning July 1, 2013, new members in TRS participate in a second benefit tier ("Tier Two"), which differs from Tier One as follows:

- Tier Two uses a 5-year average final compensation (as opposed to 3-year AFC in Tier One),
- Tier Two provides for unreduced service retirement benefits at age 60 with 5 years of creditable service or at age 55 with at least 30 years of creditable service (rather than at age 60 with 5 years of service or at any age with creditable service in 25 years in Tier One),
- Tier Two provides for early retirement benefits with 5 years of creditable service at age 55 (rather than age 50 in Tier One),
- Tier Two has a one percent higher normal employee contribution rate (though a temporary 1% supplemental employee contribution rate is also now currently in place for Tier One members), and
- Tier Two provides for an enhanced benefit calculation -  $1.85\% \times \text{AFC} \times \text{years of creditable service}$  - for members retiring with at least 30 years of creditable service and at least 60 years of age (rather than  $1.6667 \times \text{AFC} \times \text{years of creditable service}$ ).

A guaranteed annual benefit adjustment (GABA) is payable on January 1st of each calendar year for each retiree who has received at least 36 monthly retirement benefit payments prior to that date. The GABA is applicable to both Tier One and Tier Two members. The GABA for Tier One members is 1.5% of the benefit payable as of January 1st. For Tier Two members, the GABA each year may vary from 0.5% to 1.5% based on the retirement system's funding status and the period required to amortize any unfunded accrued actuarial liability as determined in the prior actuarial valuation.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Teachers' Retirement System (TRS) (Continued)*

**TRS Net Pension Liability**

The Station's net pension liability (NPL) related to TRS was as follows for the years ended June 30:

			Percent of Collective NPL at		Increase (Decrease) in Percent of Collective NPL
	2019	2018	June 30,		
	2019	2018	2019	2018	
The Station's proportionate share	\$ 38,835	\$ 35,992	0.0021%	0.0021%	0.0000%

The NPL was measured as of June 30, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2018. Therefore, no update procedures were used to roll forward the total pension liability to the measurement date. The Station's proportion of the net pension liability was based on the Station's contributions received by TRS during the measurement period July 1, 2017, through June 30, 2018, relative to the total employer contributions received from all of TRS' participating employers.

**TRS Changes Between the Measurement Date and Reporting Date**

There were no changes between the measurement date of the collective net pension liability and the Station's reporting date that are expected to have a significant effect on the Station's proportionate share of the collective NPL.

**TRS Changes Since the Previous Measurement Date**

There have been no changes in actuarial assumptions and other inputs since the previous measurement date. Each employer may have unique circumstances that impact its proportionate share of the collective net pension liability. The Station has not been made aware of any unique circumstances expected to significantly affect its net pension liability.

There were no changes in benefit terms since the previous measurement date.

**TRS Pension Expense**

The Station's pension expense related to TRS was as follows for the years ended June 30:

	<u>2019</u>
The Station's proportionate share	\$ 6,128
State of Montana expense / Station revenue recognized	<u>(2,273)</u>
Total	<u>\$ 3,855</u>

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Teachers' Retirement System (TRS) (Continued)*

**TRS Deferred Inflows and Outflows**

The Station share of deferred outflows of resources and deferred inflows of resources related to TRS was as follows:

	2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual economic experience	\$ 276	\$ 24
Changes in actuarial assumptions	3,154	57
Differences between projected and actual investment earnings	-	351
Difference between actual and expected contributions	5,585	-
*Contributions paid to TRS subsequent to the measurement date	11,725	-
Total	\$ 20,740	\$ 432

\* Amounts reported as deferred outflows of resources related to pensions resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2020.

Other amounts reported as deferred outflows and inflows of resources related to pensions will be fully recognized in pension expense during the year ending June 30:

	<u>Net Amount to be Recognized as an Increase or (Decrease) to Pension Expense</u>
2020	\$ 4,223
2021	3,312
2022	1,230
2023	(180)

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Teachers' Retirement System (TRS) (Continued)*

**TRS Overview of Contributions**

TRS receives a portion of the total required statutory contributions directly from the State for all employers. The employers are considered to be in a special funding situation as defined by GASB 68 and the State is treated as a non-employer contributing entity in TRS. TRS receives 2.49% of reportable compensation from the State's general fund for School Districts and Other Employers. TRS also receives 0.11% of reportable compensation from the State's general fund for State and University employers. Finally, the State is also required to contribute \$25 million annually to TRS in perpetuity, payable on July 1<sup>st</sup> of each year.

As of June 30, 2019, MCA 19-20-605 requires each employer to contribute 11.35% of total compensation paid to all re-employed TRS retirees employed in a TRS reportable position. Pursuant to MCA 19-20-609, this amount shall increase by 0.10% each fiscal year through 2024 until the total employer contribution is equal to 11.85% of re-employed retiree compensation.

**TRS Actuarial Assumptions**

The Total Pension Liability as of June 30, 2018, is based on the results of an actuarial valuation date of July 1, 2018. There were several significant assumptions and other inputs used to measure the total pension liability. The actuarial assumptions used in the July 1, 2018 valuation were based on the results of the last actuarial experience study, dated May 3, 2018. Among those assumptions were the following:

- Total Wage Increases\*

4.25% for University members,
3.25%-7.76% for non-University members
- Investment Return 7.50%
- Price Inflation 2.50%
- Postretirement Benefit Increases
  - Tier One Members: If the retiree has received benefits for at least 3 years, the retirement allowance will be increased by 1.5% on January 1st.
  - Tier Two Members, the retirement allowance will be increased by an amount equal to or greater than 0.5% but no more than 1.5% if the most recent actuarial valuation shows the System to be at least 90% funded and the provisions of the increase is not projected to cause the funded ratio to be less than 85% (starting three years after retirement).
- Mortality among contributing members, service retired members, and beneficiaries
  - For Males and Females: RP 2000 Healthy Combined Mortality Table projected to 2022 adjusted for partial credibility setback for two years.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Teachers' Retirement System (TRS) (Continued)*

**TRS Actuarial Assumptions (Continued)**

- Mortality among disabled members
  - For Males: RP 2000 Disabled Mortality Table, set back three years, with mortality improvements projected by Scale BB to 2022.
  - For Females: RP 2000 Disabled Mortality Table, set forward two years, with mortality improvements projected by Scale BB to 2022.

\*Total Wage Increases include 3.25% general wage increase assumption.

**TRS Discount Rate**

The discount rate used to measure the total pension liability was 7.50%. The projection of cash flows used to determine the discount rate assumed that contributions from participating plan members, employers, and non-employer contributing entities will be made based on the Board's funding policy, which establishes the contractually required rates under Montana Code Annotated. In addition, to the contributions, the State general fund will contribute \$25 million annually to TRS payable July 1st of each year. Based on those assumptions, the TRS fiduciary net position was projected to be adequate to make all the projected future benefit payments of current plan members through the year 2126. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability. No municipal bond rate was incorporated in the discount rate.

**TRS Target Allocations**

<u>Asset Class</u>	<u>Target Asset Allocation</u>	<u>Long-term Expected Real Rate of Return</u>
Domestic Equity	35.00%	6.68%
International Equity	18.00%	6.98%
Private Equity	10.00%	10.15%
Natural Resources	3.00%	4.09%
Core Real-Estate	7.00%	5.38%
TIPS	3.00%	1.78%
Intermediate Duration Bonds	19.00%	2.15%
High Yield Bonds	3.00%	4.36%
Cash	<u>2.00%</u>	0.81%
	<u>100.00%</u>	



YELLOWSTONE PUBLIC RADIO/KEMC-FM  
 (A PUBLIC RADIO ENTITY)  
 OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
 NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
 June 30, 2019

**NOTE 5. PENSION PLANS (CONTINUED)**

*Teachers' Retirement System (TRS) (Continued)*

**TRS Target Allocations (Continued)**

The long-term expected return on pension plan assets is reviewed as part of the regular experience studies prepared for the System. The most recent analysis, performed for the period covering fiscal years 2013 through 2017, is outlined in a report dated May 3, 2018. Several factors are considered in evaluating the long-term rate of return assumption including long-term historical data, estimates inherent in current market data, and analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of investment expense and inflation). Estimates of variability and correlations for each asset class were developed by the systems investment consultant. These ranges were combined to develop the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation. The long-term rate of return assumption is intended to be a long-term assumption (30 to 50 years) and is not expected to change absent a significant change in the asset allocation, a change in the inflation assumption, or a fundamental change in the market that alters expected returns in future years. The average long-term capital market assumptions published in the Survey of Capital Market Assumptions 2017 Edition by Horizon Actuarial Service, LLC, yield a median real return of 5.07%. The recommended assumption of 5.00% for the real return reflects granting each source some degree of credibility. Combined with the 2.50% inflation assumption, the resulting nominal return is 7.50%.

**TRS Sensitivity Analysis**

Below is information regarding the net pension liability calculated using the current and two additional rates:

	1.0% Decrease (6.50%)	Current Discount Rate (7.50%)	1.0% Increase (8.50%)
The Station's proportion of net pension liability	\$ 53,200	\$ 38,835	\$ 26,537

**TRS Summary of Significant Accounting Policies**

TRS prepares its financial statements using the accrual basis of accounting. For the purposes of measuring the NPL, deferred inflows of resources and deferred outflows of resources related to pensions, pension expense, information about the fiduciary net position of the TRS and additions to/deductions from TRS's fiduciary net position have been determined on the same accrual basis as they are reported by TRS. For this purpose, plan contributions are recognized as of employer payroll paid dates and benefit payments and refunds are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value. TRS adheres to all applicable Governmental Accounting Standards Board (GASB) statements.

TRS' stand-alone financial statements, actuarial valuations and experience studies can be found online at <https://trs.mt.gov/TrsInfo/NewsAnnualReports>.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 6. OTHER POST-EMPLOYMENT BENEFITS (OPEB)**

Other postemployment benefits (OPEB) are benefits, such as healthcare benefits, that are paid in the period after employment and that are provided separately from a pension plan. OPEB does not include termination benefits or termination payments for sick leave. Following is the total of the Station's OPEB liabilities, deferred outflows and inflows related to OPEB, and the OPEB expense as reported in accordance with GASB Statement No. 75, for the fiscal year ended June 30, 2019.

	2019
Net OPEB liability	\$ 66,625
Deferred OPEB outflow of resources	-
Deferred OPEB inflows of resources	-
OPEB expense	66,625

**Plan Description** - The Montana University System (MUS) Group Health Insurance plan is administered by the Office of the Commissioner of Higher Education. The MUS provides optional postemployment healthcare benefits in accordance with Section 2-18-704, MCA to the following employees and dependents who elect to continue coverage and pay administratively established contributions: (1) employees and dependents who retire under applicable retirement provisions and (2) surviving dependents of deceased employees. Participants must elect to start medical coverage within 63 days of leaving employment. Coverage is effective the first day of the month following termination of employment. Medical, dental, and vision benefits are available through this defined benefit plan. The MUS OPEB plan is not administered through a trust; as such, no plan assets are eligible to be used to offset the total OPEB liability. The MUS group health insurance program operates in accordance with state law requiring it to be actuarially sound (20-25-1310, MCA) and have sufficient reserves to liquidate unrevealed claims liability and other liabilities.

The MUS OPEB plan is reported as single employer plan. The MUS pays for postemployment healthcare benefits on a pay-as-you-go basis from general assets from the MUS group health insurance plan. Section 20-25-1310, MCA gives authority for establishing and amending the funding policy to the Board of Regents for the MUS group health insurance plan. The MUS allows retirees to participate, as a group, at a rate that does not cover all of the related costs when retirees separated from the active participants in the group health insurance plan. This results in the reporting of the total OPEB liability in the related financial statements and note disclosures.

**Employer Proportionate Share of Total OPEB Liability and Basis for Allocation**

The total OPEB liability (TOL) as of June 30, 2018, was based on the actuarial valuation at December 31, 2017, with update procedures to roll forward the TOL to March 31, 2018. The University's proportion of the TOL was based upon the total participants in the group health insurance plan. The actuary report presents a valuation of the TOL assigned to each participant in the group health insurance plan.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 6. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)**

**Proportionate Share of Collective Total OPEB Liability**

The Station's share of the total plan OPEB liability was as follows:

	2019		2018	
	OPEB Liability	OPEB Proportionate Share	OPEB Liability	OPEB Proportionate Share
Total OPEB Liability	\$ 66,625	0.18%	\$ 59,793	0.16%

**OPEB Deferred Outflows of Resources and Deferred Inflows of Resources**

The Station's OPEB plan deferred outflows and inflows of resources are from the following sources:

	2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes in actuarial assumptions or other inputs	\$ -	\$ -
Differences between actual and expected contributions	-	-
Transactions subsequent to the measurement date*	-	-
Total	<u>\$ -</u>	<u>\$ -</u>

\* Amounts reported as deferred outflows of resources related to OPEB resulting from transactions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ended June 30, 2020.

Other amounts reported as deferred outflows and inflows of resources related to OPEB will be fully recognized in expense during the years ending June 30, as follows:

	Net Amount to be Recognized as an Increase or (Decrease) to <u>OPEB Expense</u>
2020	\$ -
2021	-
2022	-
2023	-
2024	-
Thereafter	-

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 6. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)**

**Actuarial Methods and Assumptions**

The total OPEB liability (TOL) measured under GASB Statement No. 75 is based upon service cost and more standardized reporting assumptions than prior GASB Statements. As a pay-as-you-go public entity, GASB 75 requires a 20-year amortization period and a current municipal bond discount rate to establish an Actuarially Determined Contribution (ADC). The GASB 75 valuation is further required to show both historical and projected future net changes in TOL, as well as sensitivity to changes in key underlying assumptions. Actuarially determined amounts are subject to continual revisions being actual results are compared with past expectations and new estimates are made about the future. Actuarial calculations reflect a long-term perspective. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations on the pattern of cost sharing between the employer and plan members in the future.

Information as of the latest actuarial valuation for the MUS OPEB plan follows:

<b>Average Annual Contribution:</b>	<b>Retiree/ Surviving Spouse</b>	<b>Spouse</b>	<b><u>Actuarial Assumptions:</u></b>
Before Medicare eligibility	\$11,264	\$4,728	Discount Rate 3.79% (3/31/2019 20-year municipal bond index)
After Medicare eligibility	\$4,806	\$3,620	
<b>Actuarial valuation date</b>	December 31, 2017		Projected Payroll increases 4%
<b>Actuarial measurement date</b> <sup>(1)</sup>	March 31, 2019		Participation:
<b>Actuarial cost method</b>	Entry age normal funding method		Future retirees 55%
<b>Amortization method</b>	Open basis		Future eligible spouses 60%
<b>Remaining amortization period</b>	20 years		Marital status requirement 70%
<b>Asset valuation method</b>	Not applicable since no assets meet the definition of plan assets under GASB 75		

(1) Updated procedures were used to roll forward the total OPEB liability to the measurement date.

*Mortality - Health:* For TRS and MUS-RP, healthy mortality is assumed to follow the RP-2000 Healthy Annuitant Mortality Table for ages 50 and above and the RP-2000 Combined Healthy Annuitant Mortality Table for ages below 50, set back four years for males, set back two years for females, with mortality improvements projected by Scale BB to 2018. For all other groups, healthy mortality is assumed to follow the RP-2000 Combined Mortality Table with improvements projected by Scale BB to 2020, set back one year for males.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 6. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)**

**Actuarial Methods and Assumptions (Continued)**

*Mortality - Disabled:* For TRS and MUS-RP, disabled mortality is assumed to follow the RP-2000 Disabled Mortality Table, set forward one year for males and set forward five years for females, with mortality improvements projected by Scale BB to 2018. For all other groups, disabled mortality is assumed to follow the RP-2000 Combined Mortality Table with no projections.

*Changes in actuarial assumptions and methods since last measurement date:* Changes in actuarial methods include the adjustment of the amortization period and actuarial cost method to conform with GASB 75 requirements. Changes in actuarial assumptions include revised retirement rates per the retirement system pension valuations as of July 1, 2017; interest rates are based upon the March 31, 2018, 20-year municipal bond index per GASB 75 requirements. Lapse rates were removed to reflect a return to standard retiree contribution levels, added employees covered by the MUS-RP were taken into account; changes in revised rates based on actual data and projected trend and projected healthcare trend rates were updated to follow the Getzen model.

*Changes in benefit terms since last measurement date:* Changes were implemented to ensure the financial health of the plan, while still providing a rich selection of benefits:

- Increased participant deductible,
- Increased out-of-pocket limits for medical and prescription drug coverage,
- Increased visit copays,
- Pharmacy benefits were transitioned from URx to Navitus as of July 1, 2017,
- Employer group waiver program for Medicare retirees became effective July 1, 2017,
- A combined annual visit max of 30 for multiple therapy services, and
- Massage therapy was reclassified as a rehabilitation benefit.

**Sensitivity of the TOL to Changes in the Healthcare Cost Trend Rates**

The following presents the Total OBEP Liability if calculated using healthcare cost trend rates that are 1-percentage- point lower or 1-percentage-point higher than the current healthcare cost trend rates:

	1.0% Decrease (1.00%)	Current Rate 0%	1.0% Increase 1.00%
The Station's proportion of total OPEB liability	\$ 54,141	\$ 66,625	\$ 83,221

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 6. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)**

**Sensitivity of the TOL to Changes in the Discount Rate**

The following presents the Total OBEP Liability if calculated using the 20-year municipal bond rates that are 1-percentage-point lower or 1-percentage-point higher than the March 31, 2018 20-year municipal bond rate:

	1.0% Decrease (1.00%)	Current Rate 0%	1.0% Increase 1.00%
The Station's proportion of total OPEB liability	\$ 81,035	\$ 66,625	\$ 55,467

**Financial and Plan Information** - The MUS Group Benefits Plan does not issue a stand-alone financial report, but is subject to audit as part of the State of Montana's Basic Financial Statements, included in the Comprehensive Annual Financial Report (CAFR). A copy of the most recent CAFR can be obtained online at <http://afsd.mt.gov/CAFR/CAFR.asp> or by contacting the Montana Department of Administration, PO Box 200102, Helena MT 59620-0102.

**NOTE 7. ANNUITIES OBLIGATION**

The Station is subject to certain provisions of the Montana Code Annotated, which specify that a charitable organization may only issue a “qualified charitable gift annuity” if it meets the following statutory requirements on the date of the annuity agreement: (1) has a minimum of \$300,000 net worth or has a minimum of \$100,000 in unrestricted cash, cash equivalents, or publicly traded securities, exclusive of the assets funding the annuity agreement; (2) has been in continuous operation for at least three years or is a successor or affiliate of a charitable organization that has been in continuous operation for at least three years; and (3) maintains a separate annuity fund with at least one-half the value of the initial amount transferred for outstanding annuities. If the charitable organization cannot meet the requirements, the issuance of qualified charitable gift annuity by a charitable organization must be commercially insured by a licensed insurance company that is qualified to do business in Montana. For the year ended June 30, 2019, the Station met the requirements to issue qualified charitable gift annuities.

Friends of Public Radio, Inc. have received deferred charitable annuity gifts with a total principal value of \$68,998. An annuity obligation liability has been recorded in the amount of \$12,411 at June 30, 2019, representing the donors’ investments in the contract at annuity rates ranging from 5.0% to 13.7% and annuity payment starting dates ranging from 0.5 to 31.5 years.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 8. LONG-TERM LIABILITIES**

Activity for long-term liabilities for the year ended June 30, 2019, is summarized below:

	<u>June 30, 2018</u>	<u>Additions</u>	<u>Reductions</u>	<u>June 30, 2019</u>
Compensated absences	\$ 98,894	\$ 39,094	\$ (50,100)	\$ 87,888
Less - current portion	<u>(52,019)</u>	<u>(17,224)</u>	<u>24,719</u>	<u>(44,524)</u>
	<u>\$ 46,875</u>	<u>\$ 21,870</u>	<u>\$ (25,381)</u>	<u>\$ 43,364</u>
 Annuities obligation	 <u>\$ 12,475</u>	 <u>\$ 45</u>	 <u>\$ (109)</u>	 <u>\$ 12,411</u>
OPEB obligation	<u>\$ 59,793</u>	<u>\$ 6,832</u>	<u>\$ -</u>	<u>\$ 66,625</u>
Pension obligation	<u>\$ 574,276</u>	<u>\$ -</u>	<u>\$ (51,772)</u>	<u>\$ 522,504</u>

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 9. LEASES**

**Transmitter Site Ground Leases**

The Station maintains leases in certain real property for transmitter or translator sites. At June 30, 2019, the following leases were in effect:

	<u>Commencement</u>	<u>Expiration</u>	<u>Monthly Lease Payment</u>
Miles City, MT	3/1/2007	3/1/2027	\$ 35
Yellowstone County, MT	1/1/2016	12/31/2022	525
Bozeman, MT	1/1/1991	None	344
Terry, MT	3/1/1991	None	60
Worland, WY	1/1/2018	1/1/2020	228
Cedar Mountain, WY	7/1/1986	None	125
Medicine Mountain, WY	7/1/1986	None	125
Sweetgrass Hills, WY	1/19/2001	None	None
Shelby, MT	7/1/2012	7/1/2019	None
Forsyth, MT	2/14/2017	2/29/2024	173
Broadus, MT	7/1/1996	None	None
Ashland, MT	7/1/1996	None	None
Sheridan, WY	12/1/1997	None	169
Bozeman, MT	6/5/2003	None	125
Wolf Point, MT	9/16/2009	None	1 per day
Big Timber, MT	1/29/2018	1/29/2028	275
Great Falls, MT	10/1/2012	1/1/2027	495
Helena, MT	7/1/2017	6/30/2027	675
Livingston, MT	12/1/2010	2/1/2025	100
Buffalo, WY	4/1/2015	3/31/2021	208
Big Sky, MT	1/1/2019	12/31/2024	225
Columbus, MT	1/18/2019	1/1/2029	100
Lewistown, MT - Easement	9/25/2017	7/1/2027	83
Billings, MT - 405 Marbara Street	11/1/2017	None	600

Total lease expense for the Station under the above leases at June 30, 2019 totaled \$52,237. Minimum lease payments under long-term lease agreements for the next five years are as follows:

<u>For the Years Ending June 30,</u>	
2020	\$ 31,929
2021	31,304
2022	28,061
2023	27,010
2024	23,904
Thereafter	60,066
	<u>\$ 202,274</u>



YELLOWSTONE PUBLIC RADIO/KEMC-FM  
 (A PUBLIC RADIO ENTITY)  
 OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
 NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
 June 30, 2019

**NOTE 10. RELATED PARTY TRANSACTIONS AND IN-KIND CONTRIBUTIONS**

During the year ended June 30, 2019, the Station received \$1,125,000 in monetary support from Friends of Public Radio, Inc.

The following in-kind contributions were recorded in the Station's financial statements for the year ended June 30, 2019:

University indirect administrative support	\$ 249,835
Occupancy	<u>19,971</u>
Total related party in-kind contributions	269,806
Other in-kind contributions, eligible for NFFS	36,550
Other in-kind contributions, ineligible for NFFS	<u>18,507</u>
Total	<u>\$ 324,863</u>

**NOTE 11. COMMITMENTS AND CONTINGENCIES**

**Funding Sources**

The Station operates their programs with the aid of funding primarily from the following sources:

- 1) CPB grants
- 2) Appropriations from the Montana University System
- 3) Contributions from Friends of Public Radio, Inc.
- 4) Corporate membership and underwriting

A major reduction in the level of support from any of these funding sources could have a negative impact on the Station's ability to maintain its current programs.

**CPB Grant**

The Station must use its CSGs within two one-year grant periods. Any unexpended funds must be returned to the CPB. Although it is a possibility that the funds could not be spent within the grant period, the management of the Station deems the contingency remote.

**Other**

The Station faces a number of risks of loss, including (a) damage to and loss of property and contents, (b) employee torts, and (c) workers' compensation. The Station, as a department of the Montana University System, participates in the risk management programs of the Montana University System.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO FINANCIAL STATEMENTS (CONTINUED)  
June 30, 2019

**NOTE 12. MONTANA COMMUNITY FOUNDATION**

Donations were received in prior years through the Montana Community Foundation (MCF) to establish an irrevocable endowment fund on the books of the MCF, known as the “Friends of Public Radio - Fund 2000 Endowment Fund.” The principal of the Fund, along with net capital appreciation, shall be kept and invested by MCF, and net income from the fund is distributable to Friends of Public Radio, Inc. at least annually. The value of the fund at June 30, 2019 was \$91,894.

**NOTE 13. ENDOWMENT FUND (PREVIOUSLY KNOWN AS FUND 2000)**

Included in the restricted investments is a term endowment, known as “Yellowstone Public Radio Fund 2000,” was established by the Board to ensure future generations’ access to the Station’s coverage area in Montana and Wyoming. The primary mission of this fund is to provide permanent financial shelter from the Station against sudden loss of federal funding, unforeseen emergencies, and natural disasters.

The fund will be continually reinvested to provide ongoing support for Station. Earnings from the fund are unrestricted, but Board approval is necessary for withdrawal. The principal can be used, if necessary, for these special circumstances:

- To pay for the deductible of insurance costs, to repair, or replace damaged equipment/facilities in the event of a natural disaster or other emergency.
- To provide emergency (supplementary) funds in the event of sudden changes in state or federal appropriations for public radio.
- To expand and enhance access to public radio.

**NOTE 14. PRIOR PERIOD ADJUSTMENT**

The Station discovered an error within the prior year cash balance in the amount of \$182,835, related to the receipt of CPB grant funds, and has recorded a prior period adjustment to correct the error. Accordingly, beginning net position has been restated to reflect the previously unrecognized cash received from the CPB grant as follows:

Beginning net position, as previously reported	\$ 1,769,898
Prior period adjustment	<u>182,835</u>
Beginning net position, as restated	<u>\$ 1,952,733</u>

REQUIRED SUPPLEMENTARY INFORMATION

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
SCHEDULES OF PROPORTIONATE SHARE OF THE NET PENSION LIABILITY  
Year Ended June 30, 2019

**Teachers' Retirement System (TRS)**

	2019	2018	2017	2016	2015
The Station's proportion of the net pension liability	0.0021%	0.0021%	0.0013%	0.0010%	0.0009%
The Station's proportionate share of the net pension liability	\$ 38,835	\$ 35,992	\$ 23,813	\$ 17,541	\$ 14,053
The Station's covered-employee payroll	\$ 21,952	\$ 22,145	\$ 13,164	\$ 10,674	\$ 8,990
Station's proportionate share of the net pension liability as a percentage of its covered-employee payroll	176.91%	162.53%	180.89%	164.33%	156.32%
Plan fiduciary net position as a percentage of the total pension liability	69.01%	70.09%	66.69%	69.30%	70.36%

*Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.*

**Public Employees' Retirement System (PERS)**

	2019	2018	2017	2016	2015
The Station's proportion of the net pension liability	0.02317%	0.02571%	0.02642%	0.03346%	0.03357%
The Station's proportionate share of the net pension liability	\$ 483,669	\$ 538,284	\$ 449,598	\$ 467,996	\$ 418,291
The Station's covered-employee payroll	\$ 376,713	\$ 350,467	\$ 312,699	\$ 385,820	\$ 386,360
Station's proportionate share of the net pension liability as a percentage of its covered-employee payroll	128.39%	153.59%	143.78%	121.30%	108.26%
Plan fiduciary net position as a percentage of the total pension liability	73.47%	73.75%	74.71%	78.40%	79.90%

*Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.*

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
SCHEDULES OF CONTRIBUTIONS  
Year Ended June 30, 2019

**Teachers' Retirement System (TRS)**

	2019	2018	2017	2016	2015
Contractually required contributions	\$ 11,661	\$ 10,982	\$ 5,943	\$ 4,303	\$ 3,369
Contributions in relation to the contractually required contributions	11,661	10,982	5,943	4,303	3,369
Contribution deficiency (excess)	-	-	-	-	-
The Station's covered-employee payroll	21,952	22,145	13,164	10,674	8,990
Contributions as a percentage of covered-employee payroll	53.1204%	49.5913%	45.1459%	40.3129%	37.4750%

*Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.*

**Public Employees' Retirement System (PERS)**

	2019	2018	2017	2016	2015
Contractually required contributions	\$ 29,249	\$ 30,035	\$ 26,567	\$ 31,975	\$ 31,952
Contributions in relation to the contractually required contributions	29,249	30,035	26,567	31,975	31,952
Contribution deficiency (excess)	-	-	-	-	-
MSU-Billings' covered-employee payroll	376,713	350,467	312,699	385,820	386,360
Contributions as a percentage of covered-employee payroll	7.7643%	8.5700%	8.4960%	8.2875%	8.2700%

*Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.*

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION  
Year Ended June 30, 2019

**Teachers' Retirement System (TRS)**

**Changes of Benefit Terms**

The following changes to the plan provision were made as identified:

The 2013 Montana Legislature passed HB 377 which provides additional revenue and created a two tier benefit structure. A Tier One Member is a person who first became a member before July 1, 2013 and has not withdrawn their member's account balance. A Tier Two Member is a person who first becomes a member on or after July 1, 2013 or after withdrawing their member's account balance, becomes a member again on or after July 1, 2013.

The second tier benefit structure for members hired on or after July 1, 2013 is summarized below.

- 1) **Final Average Compensation:** average of earned compensation paid in five consecutive years of full-time service that yields the highest average.
- 2) **Service Retirement:** Eligible to receive a service retirement benefit if the member has been credited with at least five full years of creditable service and has attained the age of 60; or has been credited with 30 or more years of full-time or part-time creditable service and has attained age 55.
- 3) **Early Retirement:** Eligible to receive an early retirement allowance if a member is not eligible for service retirement but has at least five years of creditable service and attained age 55.
- 4) **Professional Retirement Option:** If the member has been credited with 30 or more years of service and has attained the age of 60 they are eligible for an enhanced allowance equal to 1.85% of average final compensation times all service at retirement. Otherwise, the multiplier used to calculate the retirement allowance will be equal to 1.67%.
- 5) **Annual Contribution:** 8.15% of member's earned compensation.
- 6) **Supplemental Contribution Rate:** On or after July 1, 2023, the TRS Board may require a supplemental contribution up to 0.5% if the following three conditions are met:
  - a. The average funded ratio of the System based on the last three annual actuarial valuations is equal to or less than 80%; and
  - b. The period necessary to amortize all liabilities of the System based on the latest annual actuarial valuation is greater than 20 years; and
  - c. A State or employer contribution rate increase or a flat dollar contribution to the Retirement System Trust fund has been enacted that is equivalent to or greater than the supplemental contribution rate imposed by the TRS Board.
- 7) **Disability Retirement:** A member will not be eligible for a disability retirement if the member is or will be eligible for a service retirement on the date of termination.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)  
Year Ended June 30, 2019

**Teachers' Retirement System (TRS) (Continued)**

**Changes of Benefit Terms (Continued)**

**8) Guaranteed Annual Benefit Adjustment (GABA):**

- a. If the most recent actuarial valuation shows that Retirement System liabilities are at least 90% funded and the provision of the increase is not projected to cause the System's liabilities to be less than 85% funded, the GABA may increase from the 0.5% floor up to 1.5%, as set by the Board.

HB 377 increased revenue from the members, employers and the State as follows:

- Annual State contribution equal to \$25 million paid to the System in monthly installments.
- One-time contribution payable to the Retirement System by the trustees of a school district maintaining a retirement fund. The one-time contribution to the Retirement System shall be the amount earmarked as an operating reserve in excess of 20% of the adopted retirement fund budget for the fiscal year 2013. The amount received was \$22 million in FY 2014.
- 1% supplemental employer contribution. This will increase the current employer rates:
  - School Districts contributions will increase from 7.47% to 8.47%
  - The Montana University System and State Agencies will increase from 9.85% to 10.85%.
  - The supplemental employer contribution will increase by 0.1% each fiscal year for fiscal year 2014 thru fiscal year 2024. Fiscal years beginning after June 30, 2024 the total supplemental employer contribution will be equal to 2%.
- Members hired prior to July 1, 2013 (Tier 1) under HB 377 are required to contribute a supplemental contribution equal to an additional 1% of the member's earned compensation.
- Each employer is required to contribute 9.85% of total compensation paid to all re-employed TRS retirees employed in a TRS reportable position to the System.

**Changes in Actuarial Assumptions and Other Inputs**

The following changes to the actuarial assumptions were adopted in 2018:

- Assumed rate of inflation was reduced from 3.25% to 2.50%.
- Payroll growth assumption was reduced from 4.00% to 3.25%.
- Investment return assumption was reduced from 7.75% to 7.50%.
- Wage growth assumption was reduced from 4.00% to 3.25%.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)  
Year Ended June 30, 2019

**Teachers' Retirement System (TRS) (Continued)**

**Changes in Actuarial Assumptions and Other Inputs (Continued)**

- Mortality among contributing members, service retired members, and beneficiaries was updated to the following:
  - For Males and Females: RP-2000 Heathy Combined Mortality Table projected to 2022 adjusted for partial credibility setback two years.
  - The tables include margins for mortality improvement which is expected to occur in the future.
- Mortality among disabled members was updated to the following:
  - For Males: RP2000 Disabled Mortality Table, set back three years, with mortality improvements projected by Scale BB to 2022.
  - For Females: RP2000 Disabled Mortality Table, set forward two years, with mortality improvements projected by Scale BB to 2022.
- Retirement rates were updated.
- Termination rates were updated.
- Rates of salary increased were updated.

The following changes to the actuarial assumptions were adopted in 2016:

- The normal cost method has been updated to align the calculation of the projected compensation and the total present value of plan benefits so that the normal cost rate reflects the most appropriate allocation of plan costs over future compensation.

The following changes to the actuarial assumptions were adopted in 2015:

- Correctly reflect the proportion of members that are assumed to take a refund of contributions upon termination and appropriately reflect the three year COLA deferral period for Tier 2 Members.
- The 0.63% load applied to the projected retirement benefits of the university members “to account for larger than average annual compensation increases observed in the years immediately preceding retirement” is not applied to benefits expected to be paid to university members on account of death, disability and termination prior to retirement eligibility.
- The actuarial valuation was updated to reflect the assumed rate of retirement for university members at age 60 is 8.50% as stated in the actuarial valuation report.



YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)  
Year Ended June 30, 2019

**Teachers' Retirement System (TRS) (Continued)**

**Changes in Actuarial Assumptions and Other Inputs (Continued)**

- The actuarial valuation was updated to reflect the fact that vested terminations are only covered by the \$500 death benefit for the one year following their termination and, once again when the terminated member commences their deferred retirement annuity (they are not covered during the deferral period). Additionally, only the portion of the terminated members that are assumed to “retain membership in the System” are covered by the \$500 death benefit after termination.

The following changes to the actuarial assumptions were adopted in 2014:

- Assumed rate of inflation was reduced from 3.50% to 3.25%.
- Payroll Growth Assumption was reduced from 4.50% to 4.00%.
- Assumed real wage growth was reduced from 1.00% to 0.75%.
- Investment return assumption was changed from net of investment and administrative expenses to net of investment expenses only.
- Mortality among contributing members, service retired members, and beneficiaries was updated to the following:
  - For Males: RP 2000 Healthy Annuitant Mortality Table for ages 50 and above and the RP 2000 Combined Healthy Annuitant Mortality Table for ages below 50, set back four years, with mortality improvements projected by Scale BB to 2018.
  - For Females: RP 2000 Healthy Annuitant Mortality Table for ages 50 and above and the RP 2000 Combined Healthy Annuitant Mortality Table for ages below 50, set back two years, with mortality improvements projected by Scale BB to 2018.
- Mortality among disabled members was updated to the following:
  - For Males: RP 2000 Disabled Mortality Table for Males, set forward one year, with mortality improvements projected by Scale BB to 2018.
  - For Females: RP 2000 Disabled Mortality Table for Females, set forward five years, with mortality improvements projected by Scale BB to 2018.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)  
Year Ended June 30, 2019

**Teachers' Retirement System (TRS) (Continued)**

**Method and Assumptions Used in Calculations of Actuarially Determined Contributions**

Actuarial cost method	Entry age
Amortization method	Level percentage of pay, open
Remaining amortization period	22 years
Asset valuation method	4-year smoothed market
Inflation	3.25 percent
Salary increase	4.00 to 8.51 percent, including inflation for Non-University Members and 5.00% for University Members
Investment rate of return	7.75 percent, net of pension plan investment expense, and including inflation

**Public Employees' Retirement System (PERS)**

**Changes of Benefit Terms**

The following changes to the plan provision were made as identified:

**2017 Legislative Changes:**

General Revisions -House Bill 101, effective July 1, 2017

**Working Retiree Limitations -for PERS**

If a PERS retiree returns as an independent contractor to what would otherwise be PERS-covered employment, general contractor overhead costs are excluded from PERS working retiree limitations.

**Terminating Employers - Recovery of actuary costs -for PERS**

Employers who terminate participation in PERS must pay the actuarial liability associated with that termination. Starting July 1, 2017, the terminating employer must also pay for the cost of the actuarial study used to determine that liability.

**Refunds**

- 1) Terminating members eligible to retire may, in lieu of receiving a monthly retirement benefit, refund their accumulated contributions in a lump sum.
- 2) Terminating members with accumulated contributions between \$200 and \$1,000 who wish to rollover their refund must do so within 90 days of termination of service.
- 3) Trusts, estates, and charitable organizations listed as beneficiaries are entitled to receive only a lump-sum payment.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)  
Year Ended June 30, 2019

**Public Employees' Retirement System (PERS) (Continued)**

**2017 Legislative Changes (Continued):**

General Revisions -House Bill 101, effective July 1, 2017 (Continued)

**Family Law Orders**

If a Family Law Order (FLO) is silent regarding the apportionment of post-retirement benefit adjustments such as the Guaranteed Annual Benefit Adjustment (GABA), the FLO is presumed to require apportionment of the post-retirement benefit adjustment in the same percentage as the monthly retirement benefit is apportioned.

**Disabled PERS Defined Contribution (DC) Members**

PERS members hired after July 1, 2011 have a normal retirement age of 65. PERS DC members hired after July 1, 2011 who became disabled were previously only eligible for a disability benefit until age 65. Effective July 1, 2017, these individuals will be eligible for a disability benefit until they reach 70, thus ensuring the same 5-year time period available to PERS DC disabled members hired prior to July 1, 2011 who have a normal retirement age of 60 and are eligible for a disability benefit until age 65.

**PERS Statutory Appropriation - House Bill 648, effective July 1, 2017**

Revenue from coal severance taxes and interest income from the coal severance tax permanent fund previously statutorily-appropriated to the PERS defined benefit trust fund will be replaced with the following statutory appropriations:

1. FY2018 - \$31.386 million
2. FY2019 - \$31.958 million
3. Beginning July 1, 2019 through at least June 30, 2025, 101 % of the contribution from the previous year from the general fund to the PERS defined benefit trust fund, as follows:
  - a. FY2020 - \$32.277 million
  - b. FY2021 - \$32.6 million
  - c. FY2022 - \$32.926 million
  - d. FY2023 - \$33.255 million
  - e. FY2024 - \$33.588 million
  - f. FY2025 - \$33.924 million

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)  
Year Ended June 30, 2019

**Public Employees' Retirement System (PERS) (Continued)**

**Changes in Actuarial Assumptions and Methods**

**Method and Assumptions Used in Calculations of Actuarially Determined Contributions**

The following Actuarial Assumptions were adopted from the June 2016 Experience Study:

General wage growth <sup>(1)</sup>	3.50%
Investment rate of return <sup>(1)</sup>	7.65%
<sup>(1)</sup> Includes inflation at	2.75%
Merit salary increase	0% to 6.30%
Asset valuation method	Four-year smoothed market
Actuarial cost method	Entry age normal
Amortization method	Level percentage of payroll, open
Remaining amortization period	30 years
Mortality (Healthy members)	For Males and Females: RP 200 Combined Employee and Annuitant Mortality Table projected to 2020 using scale BB, males set back 1 year.
Mortality (Disabled members)	For males and Females: RP 2000 Combined Mortality Table, with no projections.
Admin expense as % of payroll	0.26%

Administrative expenses are recognized by an additional amount added to the normal cost contribution rate for the System. The amount varies from year to year based on the prior year's actual administrative expenses.

YELLOWSTONE PUBLIC RADIO/KEMC-FM  
(A PUBLIC RADIO ENTITY)  
OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
SCHEDULE OF UNIVERSITY'S PROPORTIONATE SHARE OF THE TOTAL OPEB  
LIABILITY  
Year Ended June 30, 2019

**OPEB**

The MUS OPEB plan has not established a trust to accumulate employer contributions; as such, net assets are not considered irrevocable, legally required to be used to provide OPEB to plan members, or protected from creditors.

**Schedule of the University's Proportionate Share of the total OPEB Liability**

Measurement Year	University's Proportion of the OPEB Liability	University's Share of the OPEB Liability	University's Covered Employee Payroll	University's share of the OPEB Liability as a % of Covered Employee Payroll	Plan Fiduciary Net Position as a % of Total OPEB Liability
2018	48.92%	\$ 18,130,942	\$ 225,842,121	8.03%	0.00%
2019	54.44%	\$ 20,363,797	\$ 225,896,948	9.01%	0.00%

*Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.*

**Note to Required Supplementary Information-OPEB**

**Other Post-Employment Benefits (OPEB) Trend Data**

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. Changes to the plan that affect trends will be reported as they occur in the future.

SUPPLEMENTARY INFORMATION

**YELLOWSTONE PUBLIC RADIO/KEMC-FM**  
 (A PUBLIC RADIO ENTITY)  
 OPERATED BY MONTANA STATE UNIVERSITY-BILLINGS  
 RECONCILIATION OF FINANCIAL STATEMENT INCOME AND EXPENSE TO THE  
 CORPORATION FOR PUBLIC BROADCASTING (CPB) REPORT  
 Year Ended June 30, 2019

Total support and revenue per statement of revenues, expenses, and change in net position:

Operating revenue	\$ 560,311
Non-operating revenue	<u>1,365,902</u>
	1,926,213
Less:	
Net realized and unrealized investment income	(55,978)
Other revenue ineligible as NFFS	(34,607)
In-kind contributions ineligible as NFFS	(18,507)
CPB Grant deduction	<u>(182,627)</u>
Total non-federal financial support per the CPB Report (Schedule of Non-Federal Financial Support)	<u>\$ 1,634,494</u>

Total expense per statement of revenues, expenses, and change in net position:

Operating expenses	<u>\$ 2,095,103</u>
Total expenditures per the CPB Report (Schedule E, line 8)	<u>\$ 2,095,103</u>



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