

Alberta Heritage Savings Trust Fund

THIRD QUARTER 2015–2016



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Highlights

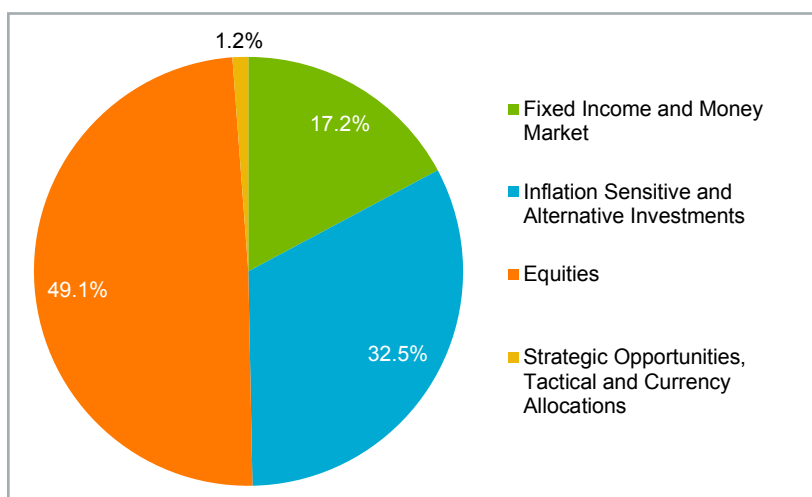
6.1%
(net of fees)

RATE OF RETURN

\$18.2 billion

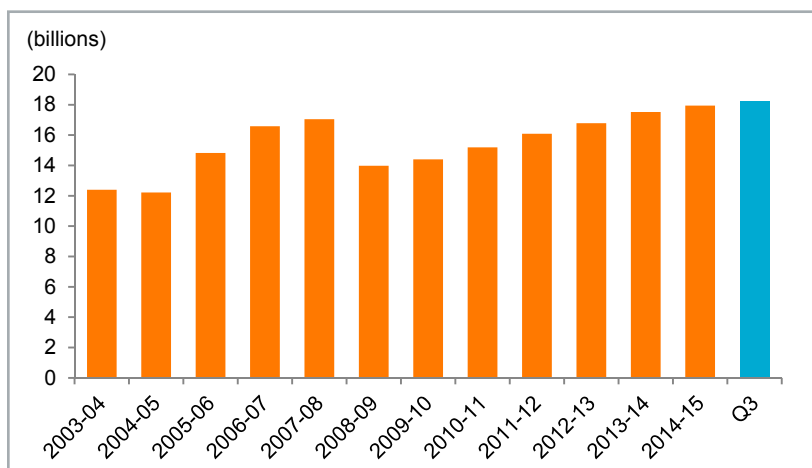
FAIR VALUE OF NET ASSETS

Asset Mix as at December 31, 2015



\$1,002 million
NET INCOME

Market Value



INVESTMENT PERFORMANCE

The Heritage Fund is invested in a globally diversified portfolio across numerous asset classes. For the quarter ending December 31, 2015, the Fund had a market value of \$18.2 billion.

The Heritage Fund earned a 6.1% return on a fair value basis for the 9 months ended December 31, 2015. The Fund's equity holdings returned 4.6% during the first nine months of the fiscal year as global equities were propelled by a weakening Canadian dollar, which has lost 13.9% this year. The Heritage Fund deliberately looks for non-Canadian investments to diversify risk and protect the assets from declines in the Canadian dollar and commodity prices. The infrastructure portfolio has provided an excellent return of 16.8%, primarily due to the Heritage Fund's sale of its interest in Autopista Central de Chile, a toll road in Santiago, Chile, which was completed in January 2016. The real estate portfolio has returned 9.2% and the fixed income portion of the portfolio has returned 1.2%.

Asset Class Return versus Benchmark

	Nine Month Return	Nine Month Benchmark Return
Total Fund	6.1	2.0
Fixed Income	1.2	(0.6)
Inflation Sensitive and Alternative Investments	10.5	2.9
Real Estate	9.2	9.5
Infrastructure	16.8	(10.8)
Timberland	1.0	(10.8)
Equities	4.6	2.1
Canadian	(9.5)	(10.6)
Global	7.6	4.7
Private	6.1	4.7
Strategic opportunities, tactical and currency allocations	32.5	4.7

ALBERTA GROWTH MANDATE

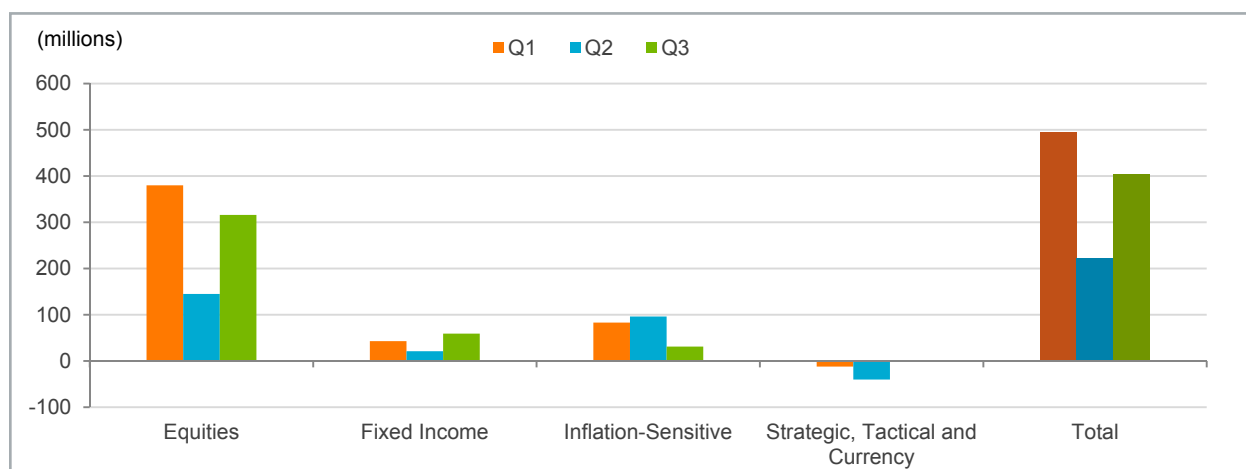
The 2015 Budget speech announced an Alberta Growth mandate for the Alberta Heritage Savings Trust Fund, which will allocate up to 3% of the Fund to directly invest in Alberta Growth. To fulfill a portion of this mandate, the Heritage Fund has invested \$45.9 million in TransAlta Renewables, an Alberta-based clean power generation company. AIMCo continues the work to find investments that will meet this mandate.

INVESTMENT INCOME

The Fund earned \$1,120 million during the first three quarters of the fiscal year. Net income was \$1,002 million after expenses of \$118 million. The equity portfolio earned gross income of \$841 million, mostly from capital gains experienced on the assets. The fixed income portfolio has earned \$123 million and the inflation-sensitive portfolio earned \$210 million this quarter. Strategic opportunities, tactical and currency overlay allocations lost \$54 million during the nine months ended December 31.

The difference between the portfolio performance and investment income can be attributed to the timing of when gains are realized. An investment may appreciate in value during a quarter and not be sold until a following time period and accounting income is only recognized when assets are sold.

Investment Income by Asset Class



INVESTMENTS

The Heritage Fund has long term asset targets of 20% fixed income, 30% inflation-sensitive and alternatives, and 50% equities. The actual asset mix is shown in the table below. As markets fluctuate, the actual asset mix can deviate slightly from its long-term targets. Additionally AIMCo has latitude to operate within asset mix ranges when they see opportunities. Currently AIMCo has taken a position that equities offer better opportunities going forward and therefore have not rebalanced the Fund's fixed income weighting.

Asset Mix

	Dec 2015	Sept 2015	Target	Policy range
Fixed Income and Money Market	17.2%	19.1%	20.0%	15-45%
Deposits and short-term	0.3%	0.4%		0-25%
Bonds and mortgages	16.9%	18.7%		10-35%
Long bonds	0.0%	0.0%		0-10%
Inflation-Sensitive and Alternative Investments	32.5%	30.3%	30.0%	15-40%
Real estate	21.7%	20.6%		10-20%
Infrastructure	8.5%	7.4%		5-15%
Timberland	2.3%	2.3%		0-5%
Equities	49.1%	49.5%	50.0%	35-70%
Public				
Canadian	7.3%	7.5%		5-15%
Global developed	31.2%	30.7%		20-65%
Emerging markets	3.0%	3.1%		0-10%
Private	7.6%	8.2%		0-10%
Strategic Opportunities	1.2%	1.1%		0-5%

Alberta Heritage Savings Trust Fund

INTERIM FINANCIAL STATEMENTS (UNAUDITED)

DECEMBER 31, 2015

Statement of Financial Position

As at December 31, 2015
(in millions)

	December 31, 2015	March 31, 2015
Financial assets		
Investments (Note 3)	\$ 19,035	\$ 18,319
Receivable from sale of investments	24	-
	19,059	18,319
Liabilities		
Due to the General Revenue Fund	834	371
Payable from purchase of investments	24	-
	858	371
Net Financial Assets	\$ 18,201	\$ 17,948
Net financial assets (Note 5)		
Accumulated operating surplus	15,129	14,961
Accumulated remeasurement gains	3,072	2,987
	\$ 18,201	\$ 17,948

Statement of Changes in Net Financial Assets

Nine Months Ended December 31, 2015
(in millions)

	Three Months Ended December 31,		Nine Months Ended December 31,	
	2015	2014	2015	2014
Net operating surplus	\$ 86	\$ 36	\$ 168	\$ 14
Net remeasurement gains (losses)	736	(194)	85	(311)
Increase (decrease) in net financial assets	822	(158)	253	(297)
Net financial assets, beginning of year	17,379	17,381	17,948	17,520
Net financial assets, end of year	\$ 18,201	\$ 17,223	\$ 18,201	\$ 17,223

Statement of Operations and Accumulated Surplus

Nine Months Ended December 31, 2015
(in millions)

	Three Months Ended December 31,		Nine Months Ended December 31,	
	2015	2014	2015	2014
Investment income (Note 7)	\$ 404	\$ 455	\$ 1,120	\$ 1,460
Investment expenses (Note 8)	(48)	(26)	(118)	(100)
Net income from operations	356	429	1,002	1,360
Transfers to the General Revenue Fund (Note 5b)	(270)	(393)	(834)	(1,144)
Net surplus retained in the Fund (Note 5b)	86	36	168	216
Transfers to the Alberta Heritage Scholarship Fund (Note 5d)	-	-	-	(200)
Transfers for Agriculture and Food Innovation (Note 5d)	-	-	-	(2)
Net operating surplus	86	36	168	14
Accumulated operating surplus, beginning of period	15,043	14,984	14,961	15,006
Accumulated operating surplus, end of period	\$ 15,129	\$ 15,020	\$ 15,129	\$ 15,020

Statement of Remeasurement Gains and Losses

Nine Months Ended December 31, 2015
(in millions)

	Three Months Ended December 31,		Nine Months Ended December 31,	
	2015	2014	2015	2014
Unrealized gain (loss) on investments	\$ 731	\$ (158)	\$ 189	\$ (153)
Less: Amounts reclassified to the Statement of Operations - realized (gains) losses on investments	5	(36)	(104)	(158)
Net remeasurement gains (losses)	736	(194)	85	(311)
Accumulated remeasurement gains, beginning of period	2,336	2,397	2,987	2,514
Accumulated remeasurement gains, end of period	\$ 3,072	\$ 2,203	\$ 3,072	\$ 2,203

The accompanying notes are part of these financial statements.

Statement of Cash Flows

Nine Months Ended December 31, 2015
(in millions)

	Three Months Ended December 31,		Nine Months Ended December 31,	
	2015	2014	2015	2014
Operating transactions				
Net income from operations	\$ 356	\$ 429	\$ 1,002	\$ 1,360
Non-cash items included in net income	5	(36)	(104)	(158)
	361	393	898	1,202
(Increase) decrease in accounts receivable	(24)	-	(24)	11
Increase in accounts payable	24	5	24	5
Cash provided by operating transactions	361	398	898	1,218
Investing transactions				
Proceeds from disposals, repayments and redemptions of investments	601	572	2,357	1,851
Purchase of investments	(969)	(948)	(2,875)	(2,675)
Cash used in investing transactions	(368)	(376)	(518)	(824)
Transfers				
Transfers to the General Revenue Fund	(270)	(393)	(834)	(1,144)
Transfers to the Alberta Heritage Scholarship Fund	-	-	-	(200)
Transfers for Agriculture and Food Innovation	-	-	-	(2)
Increase in amounts due to the General Revenue Fund	270	393	463	999
Cash used in transfers	-	-	(371)	(347)
(Decrease) increase in cash	(7)	22	9	47
Cash at beginning of period	65	68	49	43
Cash at end of period	\$ 58	\$ 90	\$ 58	\$ 90
Consisting of Deposits in the Consolidated Cash Investment Trust Fund (CCITF) *	\$ 58	\$ 90	\$ 58	\$ 90

* The CCITF is a highly-liquid, short-term money market pooled fund consisting primarily (92%) of securities with maturities of less than one year.

Notes to the Financial Statements

December 31, 2015
(in millions)

NOTE 1 AUTHORITY AND MISSION

The Alberta Heritage Savings Trust Fund (the Fund) operates under the authority of the *Alberta Heritage Savings Trust Fund Act*, Chapter A-23, Revised Statutes of Alberta 2000 (the Act), as amended.

The preamble to the Act describes the mission of the Fund as follows:

“To provide prudent stewardship of the savings from Alberta’s non-renewable resources by providing the greatest financial returns on those savings for current and future generations of Albertans.”

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND REPORTING PRACTICES

The financial statements are prepared in accordance with Canadian public sector accounting standards. The net financial asset model is presented in the financial statements. Net financial assets are measured as the difference between the Fund’s financial assets and liabilities as described in the Statement of Financial Position.

The accounting policies of significance to the Fund are as follows:

a) VALUATION OF INVESTMENTS

Investments are recorded at fair value. As disclosed in Note 3, the Fund’s investments consist primarily of direct ownership in units of pooled investment funds (“the pools”). The pools are established by Ministerial Order 16/2014, being the Establishment and Maintenance of Pooled Funds, pursuant to the *Financial Administration Act* of Alberta, Chapter F-12, Section 45, and the *Alberta Investment Management Corporation Act* of Alberta, Chapter A-26.5, Section 15 and 20. Participants in pools include government and non-government funds and plans.

Contracts to buy and sell financial instruments in the pools are between the Province of Alberta and the third party to the contracts. Participants in the pools are not party to the contracts and have no control over the management of the pool and the selection of securities in the pool. Alberta Investment Management Corporation (AIMCo) controls the creation of the pools and the management and administration of the pools including security selection. Accordingly, the Fund does not report the financial instruments of the pools on its statement of financial position.

The Fund becomes exposed to the financial risks and rewards associated with the underlying financial instruments in a pool when it purchases units issued by the pools and divests its exposure to those financial risks and rewards when it sells its pool units. The Fund reports its share of the financial risks in Note 4.

The fair value of pool units held directly by the Fund is derived from the fair value of the underlying financial instruments held by the pools as determined by AIMCo (see Note 3b). Investments in pool units are recorded in the Fund’s accounts. The underlying financial instruments are recorded in the accounts of the pools. The pools have a market-based unit value that is used to distribute income to the pool participants and to value purchases

and sales of the pool units. The pools include various financial instruments such as bonds, equities, real estate, derivatives, investment receivables and payables and cash.

The Fund's cut-off policy for valuation of investments, investment income and investment performance is based on valuations confirmed by AIMCo on the fourth business day following the period end. Differences in valuation estimates provided to Treasury Board and Finance after the period end cut-off date are reviewed by management. Differences considered immaterial by management are included in investments and remeasurement gains or losses in the following period.

Investments in units of the pools are managed and evaluated on a fair value basis. As such, all investments are designated and recorded in the financial statements at fair value.

Investments in pool units are recorded in the Fund's accounts on a trade date basis.

All purchases and sales of the pool units are in Canadian dollars.

Fair value is the amount of consideration agreed upon in an arm's length transaction between knowledgeable, willing parties who are under no compulsion to act.

b) INVESTMENT INCOME

- i) Income distributions from the pools are recorded in the Fund's accounts and included in investment income on the statement of operations and accumulated surplus (see Note 7). Income distributions are based on the Fund's pro-rata share of total units issued by the pools.
- ii) Realized gains and losses on disposal of pool units are recorded in the Fund's accounts and included in income on the statement of operations and accumulated surplus. Realized gains and losses on disposal of pool units are determined on an average cost basis.
- iii) Investment income is recorded on an accrual basis. Investment income is accrued when there is reasonable assurance as to its measurement and collectability.

c) INVESTMENT EXPENSES

- i) Investment expenses include all amounts incurred by the Fund to earn investment income (see Note 8). Investment expenses are recorded on an accrual basis. Transaction costs are expensed as they are incurred.
- ii) Other expenses related to the direct administration of the Fund are charged to the Fund on an accrual basis.

d) REMEASUREMENT GAINS AND LOSSES

Accumulated remeasurement gains primarily represent the excess of the fair value of the pool units at period end over the cost of the pool units. Changes in accumulated remeasurement gains and losses are recognized in the statement of remeasurement gains and losses. Changes in accumulated remeasurement gains and losses during the period include unrealized increases and decreases in fair value of the pool units and realized gains and losses on sale of the pool units. When the pool units are sold (derecognized), any accumulated unrealized gain or loss associated with the investment becomes realized and is included in net income on the statement of operations and accumulated surplus.

e) MEASUREMENT UNCERTAINTY

Measurement uncertainty exists in the fair values reported for certain investments such as private equities, infrastructure, private debt and loans, private real estate, hedge funds, timberland investments, and other investments where no readily available market exists. The fair values of these investments are based on estimates. Estimated fair values may not reflect amounts that could be recognized upon immediate sale, or amounts that ultimately may be recognized. Accordingly, the estimated fair values may differ significantly from the value that would have been used had a ready market existed for these investments.

f) TRANSFERS TO THE GENERAL REVENUE FUND (GRF)

Transfers to the GRF are recorded on an accrual basis. In accordance with Section 8 of the Act, all of the net income of the Fund is transferred to the GRF except for any amount retained in the Fund to maintain its value against inflation (see Note 5 (b)).

NOTE 3 INVESTMENTS (in millions)

The carrying amounts of the Fund's investments are recorded on a fair value basis. The Fund's investments are managed at the asset class level for purposes of evaluating the Fund's risk exposure and investment performance against approved benchmarks based on fair value. AIMCo invests the Fund's assets in accordance with the Statement of Investment Policies and Goals (SIP&G) approved by the of President of Treasury Board and Minister of Finance. The fair value of the pool units is based on the Fund's share of the net asset value of the pooled fund. The pools have a market based unit value that is used to allocate income to participants of the pool and to value purchases and sales of the pool units. AIMCo is delegated authority to independently purchase and sell securities in the pools and Fund, and units of the pools, within the ranges approved for each asset class (see Note 4).

Asset class	Fair Value Hierarchy ^(a)			December 31, 2015	March 31, 2015
	Level 1	Level 2	Level 3		
Interest-bearing securities					
Deposits in CCITF	\$ -	\$ 58	\$ -	\$ 58	\$ 49
Bonds, mortgages and private debt	-	1,969	1,245	3,214	3,221
	-	2,027	1,245	3,272	3,270
Equities					
Canadian	1,136	252	-	1,388	1,499
Global developed	3,137	587	2,208	5,932	5,910
Emerging markets	557	14	-	571	689
Private	-	-	1,452	1,452	1,311
	4,830	853	3,660	9,343	9,409
Inflation sensitive					
Real estate	-	-	4,132	4,132	3,682
Infrastructure	-	-	1,622	1,622	1,347
Timberland	-	-	430	430	417
	-	-	6,184	6,184	5,446
Strategic, tactical and currency investments *	-	56	180	236	194
Total Fair Value of Investments	\$ 4,830	\$ 2,936	\$ 11,269	\$ 19,035	\$ 18,319

* This asset class is not listed separately in the SIP&G as it relates to strategic investments and currency overlays made on an opportunistic and discretionary basis (see Note 4).

a) **Fair Value Hierarchy:** The quality and reliability of information used to estimate the fair value of investments is classified according to the following fair value hierarchy with level 1 being the highest quality and reliability.

- **Level 1** - fair value is based on quoted prices in an active market. This level includes publicly traded listed equity investments totalling \$4,830 (March 31, 2015: \$5,201).
- **Level 2** - fair value is estimated using valuation techniques that make use of market-observable inputs other than quoted market prices. This level includes debt securities and derivative contracts not traded on a public exchange totalling \$2,936 (March 31, 2015: \$2,938). For these investments, fair value is either derived from a number of prices that are provided by independent pricing sources or from pricing models that use observable market data such as swap curves and credit spreads.
- **Level 3** - fair value is estimated using inputs based on non-observable market data. This level includes private mortgages, hedge funds, private equities and all inflation sensitive investments totalling \$11,269 (March 31, 2015: \$10,180).

Reconciliation of Level 3 Investments

	December 31, 2015	March 31, 2015
Balance, beginning of year	\$ 10,180	\$ 9,056
Unrealized gains	614	622
Purchases of Level 3 pooled fund units	1,313	1,556
Sale of Level 3 pooled fund units	(838)	(1,054)
Balance, end of period	\$ 11,269	\$ 10,180

b) **Valuation of Financial Instruments recorded by AIMCo in the Pools**

The methods used by AIMCo to determine the fair value of investments recorded in the pools is explained in the following paragraphs:

- **Interest-bearing securities:** Public interest-bearing securities are valued at the period-end closing sale price or the average of the latest bid and ask prices quoted by an independent securities valuation company. Private mortgages are valued based on the net present value of future cash flows discounted using appropriate interest rate premiums over similar Government of Canada benchmark bonds trading in the market. Private debt and loans is valued similar to private mortgages.
- **Equities:** Public equities are valued at the period-end closing sale price or the average of the latest bid and ask prices quoted by an independent securities valuation company. The fair value of hedge fund investments is estimated by external managers. The fair value of private equities is estimated by managers or general partners of private equity funds, pools and limited partnerships. Valuation methods for private equities may encompass a broad range of approaches. The cost approach is used to value companies without either profits or cash flows. Established private companies are valued using the fair market value approach reflecting conventional valuation methods including discounted cash flows and earnings multiple analysis.

- ***Inflation sensitive investments:*** The estimated fair value of private real estate investments is reported at the most recent appraised value, net of any liabilities against the real property. Real estate properties are appraised annually by qualified external real estate appraisers. Appraisers use a combination of methods to determine fair value including replacement cost, direct comparison, direct capitalization of earnings and discounted cash flows. The fair value of timberland investments is appraised annually by independent third party evaluators. Infrastructure investments are valued similar to private equity investments.
- ***Strategic, tactical and currency investments:*** The estimated fair value of infrastructure investments held in emerging market countries is estimated by managers or general partners of private equity funds and joint ventures. For tactical asset allocations, investments in derivative contracts provides overweight or underweight exposure to global equity and bond markets, including emerging markets. Currency investments consist of directly held currency forward and spot contracts.
- ***Foreign currency:*** Foreign currency transactions in pools are translated into Canadian dollars using average rates of exchange. At period-end, the fair value of investments in other assets and liabilities denominated in a foreign currency are translated at the period end exchange rates.
- ***Derivative contracts:*** The carrying value of derivative contracts in a favourable and unfavourable position is recorded at fair value and is included in the fair value of the pools (see Note 4f). The estimated fair value of equity and bond index swaps is based on changes in the appropriate market-based index net of accrued floating rate interest. Interest rate swaps and cross-currency interest rate swaps are valued based on discounted cash flows using current market yields and exchange rates. Credit default swaps are valued based on discounted cash flows using current market yields and calculated default probabilities. Forward foreign exchange contracts and futures contracts are valued based on quoted market prices. Options to enter into interest rate swap contracts are valued based on discounted cash flows using current market yields and volatility parameters which measure changes in the underlying swap. Warrants and rights are valued at the period-end closing sale price or the average of the latest bid and ask prices quoted by an independent securities valuation company.

NOTE 4 INVESTMENT RISK MANAGEMENT (in millions)

The Fund is exposed to financial risks associated with the underlying securities held in the pools created and managed by AIMCo. These financial risks include credit risk, market risk and liquidity risk. Credit risk relates to the possibility that a loss may occur from the failure of another party to perform according to the terms of a contract. Market risk is comprised of currency risk, interest rate risk and price risk. Liquidity risk is the risk the Fund will not be able to meet its obligations as they fall due.

The investment policies and procedures of the Fund are clearly outlined in the SIP&G approved by the Ministry of Treasury Board and Finance. The purpose of the SIP&G is to ensure the Fund is invested and managed in a prudent manner in accordance with current, accepted governance practices incorporating an appropriate level of risk. The Ministry of Treasury Board and Finance manages the Fund's return-risk trade-off through asset class diversification, target ranges on each asset class, diversification within each asset class, quality constraints on fixed income instruments and restrictions on amounts exposed to countries designated as emerging markets. Forward foreign exchange contracts may be used to manage currency exposure in connection with securities purchased in a foreign currency (see Note 4b).

In order to earn the best possible return at an acceptable level of risk, the Minister has approved the following target policy asset mix:

Asset Class	Target Asset Policy Mix	Actual Asset Mix			
		December 31, 2015		March 31, 2015	
Interest-bearing securities	15 - 45%	\$ 3,272	17.2%	\$ 3,270	17.9%
Equities	35 - 70%	9,343	49.1%	9,409	51.3%
Inflation sensitive	15 - 40%	6,184	32.5%	5,446	29.7%
Strategic, tactical and currency investments	(a)	236	1.2%	194	1.1%
		<u>\$ 19,035</u>	<u>100.0%</u>	<u>\$ 18,319</u>	<u>100.0%</u>

(a) In accordance with the SIP&G, AIMCo may invest up to 2% of the fair value of the Fund's investments in strategic opportunities that are outside of the asset classes listed above. AIMCo may, at its discretion, use currency overlays to an economic exposure limit of 5% of the market value of the Fund.

a) Credit Risk

i) Debt securities

The Fund is indirectly exposed to credit risk associated with the underlying debt securities held in the pools managed by AIMCo. Counterparty credit risk is the risk of loss arising from the failure of a counterparty to fully honour its financial obligations. The credit quality of financial assets is generally assessed by reference to external credit ratings. Credit risk can also lead to losses when issuers and debtors are downgraded by credit rating agencies usually leading to a fall in the fair value of the counterparty's obligations. Credit risk exposure for financial instruments is measured by the positive fair value of the contractual obligations with counterparties. The fair value of all investments reported in Note 3 is directly or indirectly impacted by credit risk to some degree. The majority of investments in debt securities are with counterparties with credit ratings considered to be investment grade.

The table below summarizes debt securities by counterparty credit rating at December 31, 2015:

Credit rating	December 31, 2015	March 31, 2015
Investment Grade (AAA to BBB-)	72.5%	70.9%
Speculative Grade (BB+ or lower)	0.0%	0.4%
Unrated	27.5%	28.7%
	<u>100.0%</u>	<u>100.0%</u>

ii) Counterparty default risk - derivative contracts

The Fund is exposed to counterparty credit risk associated with the derivative contracts held in the pools. The maximum credit risk in respect of derivative financial instruments is the fair value of all contracts with counterparties in a favourable position (see Note 4f). The pools can only transact with counterparties to derivative contracts with a credit rating of A+ or higher by at least two recognized ratings agencies. Provisions are in place to either transfer or terminate existing contracts when the counterparty has their credit rating downgraded. The exposure to credit risk on derivatives is reduced by entering into master netting agreements and collateral

agreements with counterparties. To the extent that any unfavourable contracts with the counterparty are not settled, they reduce the net exposure in respect of favourable contracts with the same counterparty.

iii) Security lending risk

To generate additional income, the pools participate in a securities-lending program. Under this program, the custodian may lend investments held in the pools to eligible third parties for short periods. At December 31, 2015, the Fund's share of securities loaned under this program is \$344 million (March 31, 2015: \$332 million) and collateral held totals \$361 million (March 31, 2015: \$348 million). Securities borrowers are required to provide the collateral to assure the performance of redelivery obligations. Collateral may take the form of cash, other investments or a bank-issued letter of credit. All collateralization, by the borrower, must be in excess of 100% of investments loaned.

b) Foreign currency risk

The Fund is exposed to foreign currency risk associated with the underlying securities held in the pools that are denominated in currencies other than the Canadian dollar. Foreign currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The fair value of investments denominated in foreign currencies is translated into Canadian dollars using the reporting date exchange rate. As a result, fluctuations in the relative value of the Canadian dollar against these foreign currencies can result in a positive or negative effect on the fair value of investments. Approximately 43% of the Fund's investments, or \$8,276 million, are denominated in currencies other than the Canadian dollar, with the largest foreign currency exposure being to the US dollar (22%) and the Euro (4%).

If the value of the Canadian dollar increased by 10% against all other currencies, and all other variables are held constant, the potential loss in fair value to the Fund would be approximately 4.3% of total investments (March 31, 2015: 4.1%).

The following table summarizes the Fund's exposure to foreign currency investments held in the pools at December 31, 2015:

Currency	December 31, 2015		March 31, 2015	
	Fair Value	Sensitivity	Fair Value	Sensitivity
U.S. dollar	\$ 4,169	\$ (417)	\$ 4,066	\$ (407)
Euro	789	(79)	813	(81)
Japanese yen	643	(64)	469	(47)
British pound sterling	582	(58)	512	(51)
Chilean peso	540	(54)	15	(2)
Swiss franc	238	(24)	214	(21)
Hong Kong dollar	237	(24)	259	(26)
Other foreign currencies (below 1%)	1,078	(108)	1,229	(123)
Total foreign currency investments	\$ 8,276	\$ (828)	\$ 7,577	\$ (758)

c) Interest rate risk

The Fund is exposed to interest rate risk associated with the underlying interest-bearing securities held in the pools managed by AIMCo. Interest rate risk relates to the possibility that the fair value of investments will change due to future fluctuations in market interest rates. In general, investment returns from bonds and mortgages are sensitive to changes in the level of interest rates, with longer term interest bearing securities being more

sensitive to interest rate changes than shorter-term bonds. If interest rates increased by 1%, and all other variables are held constant, the potential loss in fair value to the Fund would be approximately 1.1% of total investments (March 31, 2015: 1.1%).

d) Price risk

Price risk relates to the possibility that pool units will change in fair value due to future fluctuations in market prices of equities held in the pools caused by factors specific to an individual equity investment or other factors affecting all equities traded in the market. The Fund is exposed to price risk associated with the underlying equity investments held in the pools managed by AIMCo. If equity market indices (S&P/TSX, S&P500, S&P1500 and MSCI ACWI and their sectors) declined by 10%, and all other variables are held constant, the potential loss in fair value to the Fund would be approximately 6.1% of total investments (March 31, 2015: 6.3%). Changes in fair value of investments are recognized in the statement of remeasurement gains and losses.

e) Liquidity risk

Liquidity risk is the risk that the Fund will encounter difficulty in meeting obligations associated with its financial liabilities. Liquidity requirements of the Fund are met through income generated from investments, and by investing in units of pools that hold publicly traded liquid assets traded in an active market that are easily sold and converted to cash. Units in pools that hold private investments like real estate, timberland, infrastructure and private equities are less easily converted to cash since the underlying securities are illiquid because they take more time to sell. The Fund's main liabilities include transfers payable to the General Revenue Fund and payables related to purchase of pool units.

f) Use of Derivative Financial Instruments in Pooled Investment Funds

The Fund has indirect exposure to derivative financial instruments through its investment in units of the pools. AIMCo uses derivative financial instruments to cost effectively gain access to equity markets in the pools, manage asset exposure within the pools, enhance pool returns and manage interest rate risk, foreign currency risk and credit risk in the pools.

By counterparty	Number of counterparties	Fund's Indirect Share	
		December 31, 2015	March 31, 2015
Contracts in favourable position (current credit exposure)	33	\$ 84	\$ 56
Contracts in unfavourable position	18	(275)	(161)
Net fair value of derivative contracts	51	\$ (191)	\$ (105)

- i) Current credit exposure: The current credit exposure is limited to the amount of loss that would occur if all counterparties to contracts in a favourable position totaling \$84 million (March 31, 2015: \$56 million) were to default at once.
- ii) Cash settlements: Receivables or payables with counterparties are usually settled in cash every three months.
- iii) Contract notional amounts: The fair value of receivables (receive leg) and payables (pay leg) and the exchange of cash flows with counterparties in pooled funds are based on a rate or price applied to a notional amount specified in the derivative contract. The notional amount itself is not invested, received or exchanged with the counterparty and is not indicative of the credit risk associated with the contract. Notional amounts are not assets or liabilities and do not change the asset mix reported in Note 3. Accordingly, there is no accounting policy for their recognition in the Statement of Financial Position.

	Fund's Indirect Share	
	December 31, 2015	March 31, 2015
Types of derivatives used in pools		
Structured equity replication derivatives	\$ (2)	\$ 8
Foreign currency derivatives	(174)	(101)
Interest rate derivatives	(18)	(17)
Credit risk derivatives	3	5
Net fair value of derivative contracts	\$ (191)	\$ (105)

- i) Structured equity replication derivatives: Equity index swaps are structured to receive income from counterparties based on the performance of a specified market-based equity index, security or basket of equity securities applied to a notional amount in exchange for floating rate interest paid to the counterparty. Floating rate notes are held in equity pools to provide floating rate interest to support the pay leg of the equity index swap. Rights, warrants, futures and options are also included as structured equity replication derivatives.
- ii) Foreign currency derivatives: Foreign currency derivatives include contractual agreements to exchange specified currencies at an agreed upon exchange rate and on an agreed settlement date in the future.
- iii) Interest rate derivatives: Interest rate derivatives exchange interest rate cash flows (fixed to floating or floating to fixed) based on a notional amount. Interest rate derivatives primarily include interest rate swaps and cross currency interest rate swaps, futures contracts and options.
- iv) Credit risk derivatives: Credit risk derivatives include credit default swaps allowing the pools to buy and sell protection on credit risk inherent in a bond. A premium is paid or received, based on a notional amount in exchange for a contingent payment should a defined credit event occur with respect to the underlying security.
- v) Deposits: At December 31, 2015 deposits in futures contracts margin accounts totalled \$46 million (March 31, 2015: \$51 million) and deposits as collateral for derivative contracts totalled \$19 million (March 31, 2015: \$78 million).

NOTE 5 NET FINANCIAL ASSETS (in millions)

Net financial assets represent the difference between the carrying value of financial assets held by the Fund and its liabilities. The following table shows accumulated net income and transfers to (from) the Fund since the Fund was created on May 19, 1976:

	Cumulative since 1976	
	December 31, 2015	March 31, 2015
Accumulated net income	\$ 38,209	\$ 37,207
Transfers to the Fund		
Resource Revenue (1976-1987)	12,049	12,049
Access to the Future ^(a)	1,000	1,000
Voted Payments	2,918	2,918
	15,967	15,967
Transfers (from) the Fund		
Section 8 transfers ^(b)		
Income	(38,414)	(37,412)
Amount Retained in the Fund	3,108	2,940
	(35,306)	(34,472)
Capital Expenditures (1976-1995) ^(c)	(3,486)	(3,486)
Transfers to Alberta Heritage Scholarship Fund ^(d)	(200)	(200)
Transfers for Agriculture and Food Innovation ^(d)	(3)	(3)
Transfers to the Access to the Future Fund	(52)	(52)
	(39,047)	(38,213)
Accumulated surplus from operations	15,129	14,961
Accumulated remeasurement gains	3,072	2,987
Carrying value of net financial assets	\$ 18,201	\$ 17,948

- (a) Section 9.1 of the Act and Section 4(5) of the *Access to the Future Act* provides that up to \$3 billion may be transferred from the GRF to the Fund.
- (b) During the period, the Fund earned net income of \$1,002 million, of which \$168 million was retained in the Fund and \$834 million is payable to the GRF. Section 8 of the Act states that the net income of the Heritage Fund, less any amount retained in the Fund, in accordance with section 11 of the Act, shall be transferred to the GRF annually in a manner determined by the Minister of Treasury Board and Finance. Effective 2015-16, the amount to be retained in the Fund is determined by multiplying the accumulated operating surplus of the Fund from the prior fiscal year end by the estimated percentage increase in the Alberta Consumer Price Index (Alberta CPI) for the year. Prior to 2015-16, the amount retained in the Fund was based on the Canadian gross domestic product implicit price index (GDP Deflator Index). In accordance with section 11(3), if the Alberta CPI is a negative number, that negative number shall be treated as if it were zero.
- (c) Capital expenditures include transfers of \$300 million to the Alberta Heritage Foundation for Medical Research in 1980 and \$100 million to the Alberta Heritage Scholarship Fund in 1981.
- (d) Transfers of \$200 million to the Alberta Heritage Scholarship Fund and \$3 million for the Agriculture and Food Innovation Account were made during the prior year in accordance with the *Savings Management Act* (Sections 7 and 4(1) respectively). This Act was repealed December 17, 2014. The transfers from the Fund remain with the Alberta Heritage Scholarship Fund to be used for trades scholarships, and with Agriculture and Rural Development, to support basic and applied agricultural research, education and commercialization.

NOTE 6 INVESTING IN ADVANCED EDUCATION (in millions)

The following notional account has been established within the Fund. The notional balance provided below is used as a base to which a rate is applied to determine future cash transfers to support advanced education and educational initiatives for the long-term benefit of Albertans:

	December 31, 2015	March 31, 2015
Balance, beginning of year	1,260	1,166
Rate of return adjustment	76	146
Transfers to Access to the Future Fund	-	(52)
Balance, end of period	\$ 1,336	\$ 1,260

- i) The Account was established for the purpose of funding the Access to the Future Fund in the Ministry of Innovation and Advanced Education. The Access to the Future Fund supports innovation and excellence that enhances and expands opportunities for Albertans to participate in accessible, affordable and high-quality advanced education opportunities.
- ii) A maximum of \$3 billion can be allocated to the account from within the Fund of which \$750 million has been allocated in 2005-06 and \$250 million in 2006-07. The balance includes accumulated inflation proofing to March 31, 2014 totalling \$166 million. The requirement to inflation proof the account in the *Access to the Future Act* was repealed on April 1, 2014. Starting April 1, 2014, the balance in the account is adjusted for (a) the rate of return reported by the Fund for the period and (b) transfers to the Access to the Future Fund.
- iii) Maximum transfers from the Fund to the Access to the Future Fund are calculated as 4.5% of the average of the closing balances of the Account for the preceding 3 fiscal years.

NOTE 7 INVESTMENT INCOME (in millions)

The following is a summary of the Fund's investment income (loss) by asset class:

	Three Months Ended December 31,		Nine Months Ended December 31,	
	2015	2014	2015	2014
Interest-bearing securities	\$ 59	\$ 35	\$ 123	\$ 178
Equities				
Canadian	2	1	9	101
Global	235	298	662	839
Private	79	6	170	176
	316	305	841	1,116
Inflation sensitive				
Real estate	30	106	187	182
Infrastructure	(3)	6	14	40
Timberland	4	2	9	(7)
	31	114	210	215
Strategic, tactical and currency investments	(2)	1	(54)	(49)
	\$ 404	\$ 455	\$ 1,120	\$ 1,460

The investment income includes realized gains and losses from disposal of pool units and currency hedges totalling \$213 million and (\$109 million) respectively (December 31, 2014: \$158 million and \$nil respectively). Income distributions from the pools total \$1,016 million (December 31, 2014: \$1,302 million).

Income earned in pooled investment funds is distributed to the Fund daily based on the Fund's pro rata share of units issued by the pool. Income earned by the pools is determined on an accrual basis and includes interest, dividends, security lending income, realized gains and losses on sale of securities determined on an average cost basis, income and expense on derivative contracts and writedowns of securities held in pools which are indicative of a loss in value that is other than temporary.

NOTE 8 INVESTMENT EXPENSES (in millions)

	Three Months Ended December 31,		Nine Months Ended December 31,	
	2015	2014	2015	2014
Amount charged by AIMCo for:				
Investment costs ^(a)	\$ 28	\$ 31	\$ 82	\$ 83
Performance based fees ^(a)	20	(5)	36	17
Total investment expenses	\$ 48	\$ 26	\$ 118	\$ 100
Increase (decrease) in expenses	84.6%	-18.8%	18.0%	-16.7%
Increase in investments under management	6.1%	1.3%	3.9%	4.1%
Increase (decrease) in value of investments attributed to AIMCo	1.2%	-2.3%	4.1%	-1.7%
Investment expense as a percent of:				
Dollar earned	11.9%	5.7%	10.5%	6.8%
Dollar invested	0.3%	0.1%	0.7%	0.6%

^(a) Please refer to AIMCo's financial statements for a detailed breakdown of the types of expenses incurred by AIMCo. Amounts recovered by AIMCo for investment costs include those costs that are primarily non-performance related including external management fees, external administration costs, employee salaries and incentive benefits and overhead costs. Amounts recovered by AIMCo for performance based fees relate to external managers hired by AIMCo.

Includes \$86 thousand (December 31, 2014: \$86 thousand) charged to the Fund by Alberta Treasury Board and Finance for investment accounting and reporting services, and \$nil (December 31, 2014: \$55 thousand) paid to the International Forum of Sovereign Wealth Funds for membership.

NOTE 9 INVESTMENT PERFORMANCE (net of investment expenses)

Estimated investment returns are provided as supplementary information. The determination of the estimated return is based on fair values using quoted market prices and estimates of fair value where no quoted market prices are available. The estimated return includes gains and losses that have not been realized. Estimated benchmark returns are based on published market-based indices and estimates where no published index is available.

	Three Months Ended December 31,		Nine Months Ended December 31,		Average Annualized Return	
	2015	2014	2015	2014	5 years ^(d)	10 years
Time-weighted rates of return, at fair value ^(a)						
Estimated return ^(b)	6.1%	1.3%	6.1%	6.0%	11.3%	7.6%
<i>Estimated policy benchmark return ^(b)</i>	4.9%	3.6%	2.0%	7.7%	10.0%	7.1%
Value (lost) added by AIMCo ^(c)	1.2%	-2.3%	4.1%	-1.7%	1.3%	0.5%

(a) The time-weighted rate of return involves the calculation of the return realized by the Fund over a specified period and is a measure of the total proceeds received from an investment dollar initially invested. Total proceeds include cash distributions (interest and dividend payments) and capital gains and losses (realized and unrealized).

(b) Investment returns are provided by AIMCo. The overall return and benchmark is based on investment returns and benchmarks for each asset class. Investment returns for assets classified as real estate, private equities, infrastructure, hedge funds and private debt are based on estimates of fair value. For these investments, measurement uncertainty exists because trading activity is infrequent and fair values are derived using valuation techniques which incorporate assumptions that are based on non-observable market data. Reasonably possible alternative assumptions could yield an increase or decrease in the fair value amounts and investment returns reported for these types of investments. Any change in estimated returns, resulting from new information received after the cut-off date for preparation of the Fund's financial statements, will be reflected in the next reporting period.

(c) In the SIP&G, the Ministry of Treasury Board and Finance expects that the investments held by the Fund will return approximately 100 basis points, or 1% per annum, above the policy benchmark.

(d) In accordance with the SIP&G, over a five-year period, it is expected that the policy portfolio will earn an average return of 4.5%, adjusted for inflation and value added by investment manager of 1.0%. The five-year annualized CPI is 1.58%, bringing the five-year annualized Portfolio Return Expectation to 7.08%.

NOTE 10 FINANCIAL STATEMENTS

Quarterly and annual financial statements are prepared by the Department of Treasury Board and Finance and are approved by the Department's Senior Financial Officer and Deputy Minister. The statements report the activities and financial performance of the Fund for the period and are provided to the Standing Committee on the Alberta Heritage Savings Trust Fund in accordance with section 15 and 16 of the Act. On an annual basis, the financial statements of the Fund are included in the annual report of the Ministry of Treasury Board and Finance which is made public on or before June 30 following each fiscal year ending on the preceding March 31.

