## Understanding dollar cost averaging Client Fact Sheet - July 2012



Dollar cost averaging describes the practise of investing a fixed amount at regular intervals. It may help take some of the risk out of investing in fluctuating markets by removing timing risk.

## What is timing risk?

Timing risk is the risk in attempting to time market entry or exit. It exposes you to increased short-term volatility, and you may end up buying in at the top, or selling out at the bottom.

The principle of dollar cost averaging is that you invest a set amount on a regular basis, no matter whether the market is up or down.

When the market is up, your set amount may purchase fewer units, but your existing holding may be worth more. When the market is down, your existing holding may be worth less, but new units may be cheaper to buy.

## How it works

Assume you invested $\$ 200$ per month into an investment where the unit price fluctuates from month to month.

| Month | Amount invested | Unit price | Unit |
| :--- | :--- | :--- | :--- |
| January | $\$ 200$ | $\$ 0.50$ | 400 |
| February | $\$ 200$ | $\$ 0.48$ | 416 |
| March | $\$ 200$ | $\$ 0.41$ | 487 |
| April | $\$ 200$ | $\$ 0.38$ | 526 |
| May | $\$ 200$ | $\$ 0.33$ | 606 |
| June | $\$ 200$ | $\$ 0.37$ | 540 |
| July | $\$ 200$ | $\$ 0.44$ | 454 |
| August | $\$ 200$ | $\$ 0.55$ | 408 |
| September | $\$ 200$ | $\$ 0.61$ | 363 |
| October | $\$ 200$ | $\$ 0.57$ | 327 |
| November | $\$ 200$ | $\$ 0.53$ | 350 |
| December | $\$ 200$ | 377 |  |
| TOTAL |  |  | 5,254 |

## Results:

Using the dollar cost averaging strategy, a total of 5,254 units were purchased, with an average unit cost of \$0.4568 (\$2,400/5,254 units). This has a value at December of \$2,785 (\$0.53 $\times 5,254$ units).
This compares to investing the full $\$ 2,400$ at commencement when the unit price was $\$ 0.50$, to receive 4,800 units. The value of those units in December is $\$ 2,544$, ( $\$ 0.53 \times 4,800$ units)

Even though the market has risen marginally above the initial unit price in January, with dollar cost averaging of \$200 per month, the investment is worth $\$ 241(\$ 2,785-\$ 2,544)$ more than the upfront money option.
Dollar cost averaging does not guarantee a profit. However, with a sensible and long-term investment approach, dollar cost averaging can smooth out the market's ups and downs and may help to reduce downside risk.

## Technical Services

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## Important note

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