

5:23 PM PST 9/5/19 - 9:42 AM PST 11/27/19

CANADA TSX Composite

$$P(0) = 16,574.81 \quad P(1) = 17,071.10 \quad 1 + R_C = 1.030 \rightarrow R_C = 3.00\%$$

US Dow-Jones Industrials

$$\begin{aligned} P(0) &= 26,728.15 & P(1) &= 28,129.84 & 1 + R_{DJ} &= 1.0525 \\ S(1) &= 1.3285 & S(0) &= 1.3226 & 1 + e &= 1.0046 \\ (1 + R_{DJ})(1 + e) &= 1.0525 * 1.0046 = 1.05713 & \rightarrow R_C &= 0.05713 \end{aligned}$$

US S&P 500

$$\begin{aligned} P(1) &= 3,148.49 & P(0) &= 2,976.00 & 1 + R_{SP} &= 1.05796 \\ S(1) &= 1.3285 & S(0) &= 1.3226 & 1 + e &= 1.0046 \\ (1 + R_{SP})(1 + e) &= 1.05796 * 1.0046 = 1.06283 \end{aligned}$$

DAX Germany

$$\begin{aligned} P(1) &= 13,287.07 & P(0) &= 12,126.78 & 1 + R_{GD} &= 1.09568 \\ S(1) &= 1.1002 & S(0) &= 1.1033 & 1 + e &= 0.9972 * 1.0046 = 1.0018 \text{ (\$/US/E)*(C\$/US\$)} \\ (1 + R_{GD})(1 + e) &= 1.09568 * 1.0018 = 1.09763 \end{aligned}$$

Great Britain FT100

$$\begin{aligned} P(1) &= 7,429.78 & P(0) &= 7,271.17 & 1 + R_{GB} &= 1.02181 \\ S(1) &= 1.2879 & S(0) &= 1.2329 & 1 + e &= 1.04942 = 1.0446 * 1.0046 \text{ ((\$/US/£)*(C\$/US\$))} \\ (1 + R_{GB})(1 + e) &= 1.02181 * 1.04942 = 1.07231 \end{aligned}$$

France CAC 40

$$\begin{aligned} P(1) &= 5,926.84 & P(0) &= 5,593.37 & 1 + R_{FC} &= 1.05962 \\ S(1) &= 1.1002 & S(0) &= 1.1033 & 1 + e &= 0.9972 * 1.0046 = 1.0018 \text{ (\$/US/E)*(C\$/US\$)} \\ (1 + R_{FC})(1 + e) &= 1.05962 * 1.0018 = 1.06513 \end{aligned}$$

Japan Nikkei 225

$$\begin{aligned} P(1) &= 23,437.77 & P(0) &= 21,085.94 & 1 + R_{JN} &= 1.11154 \\ 1/S(1) &= 109.40 & 1/S(0) &= 106.95 & 1 + e &= 0.98210 = 0.977605 * 1.0046 \\ (1 + R_{JN})(1 + e) &= 1.11154 * 0.98210 = 1.09615 \end{aligned}$$

Hong Kong Hang Seng

$$\begin{aligned} P(1) &= 26,954.00 & P(0) &= 26,515.53 & 1 + R_{HK} &= 1.01654 \\ 1/S(1) &= 7.8283 & 1/S(0) &= 7.8372 & 1 + e &= 1.00574 = 1.0014 * 1.0046 \\ (1 + R_{HH})(1 + e) &= 1.01654 * 1.00574 = 1.02238 \end{aligned}$$

China Shanghai Composite (CSI 300)

$$\begin{aligned} P(1) &= 3,875.62 & P(0) &= 3,925.32 & 1 + R_{CS} &= 0.98734 \\ 1/S(1) &= 7.0290 & 1/S(0) &= 7.1489 & 1 + e &= 1.02174 = 1.01706 * 1.0046 \\ (1 + R_{CS})(1 + e) &= 0.98734 * 1.02174 = 1.0084 \end{aligned}$$

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