John Ward Economics

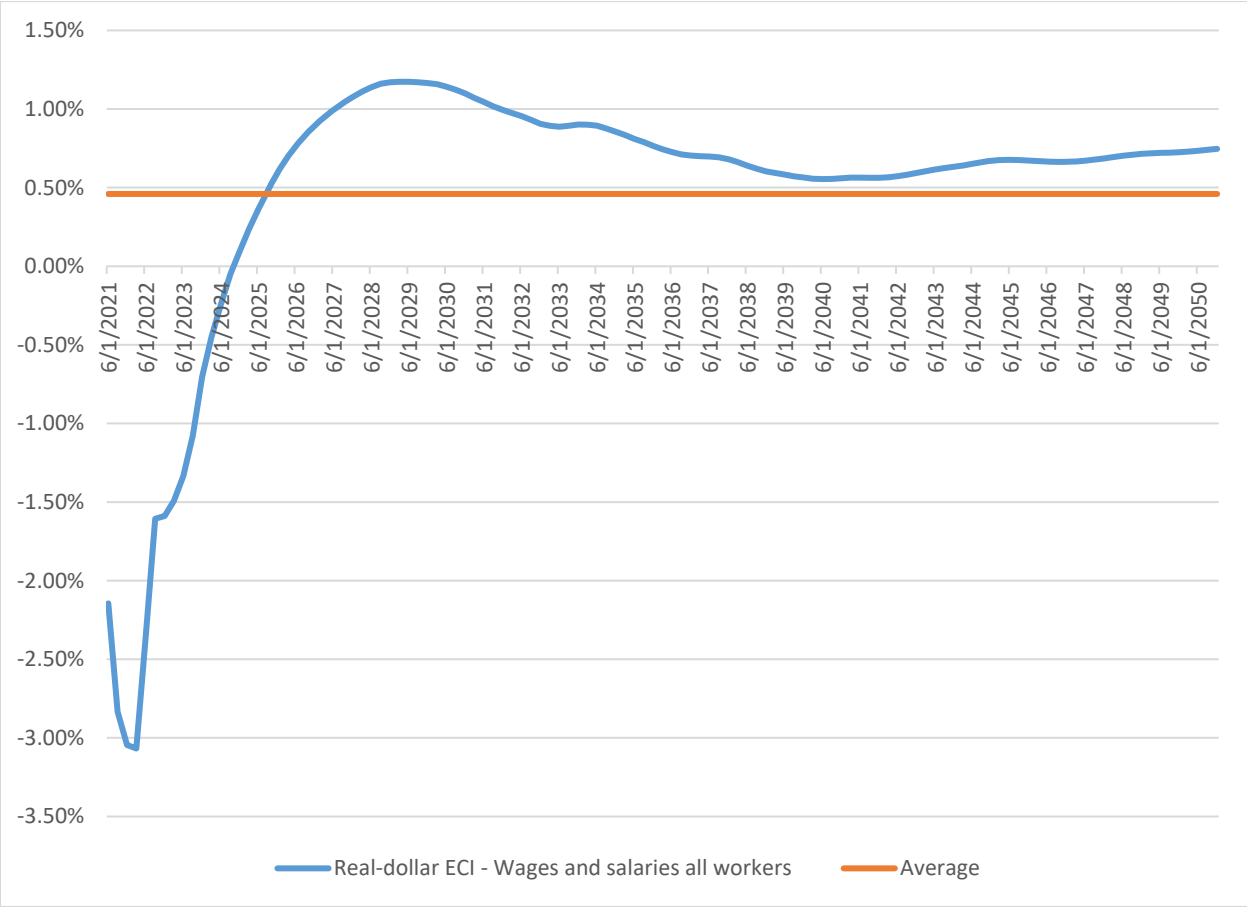


Incremental Growth Analysis: Feb-2021

Cyclical Macro-Economic Forecasts

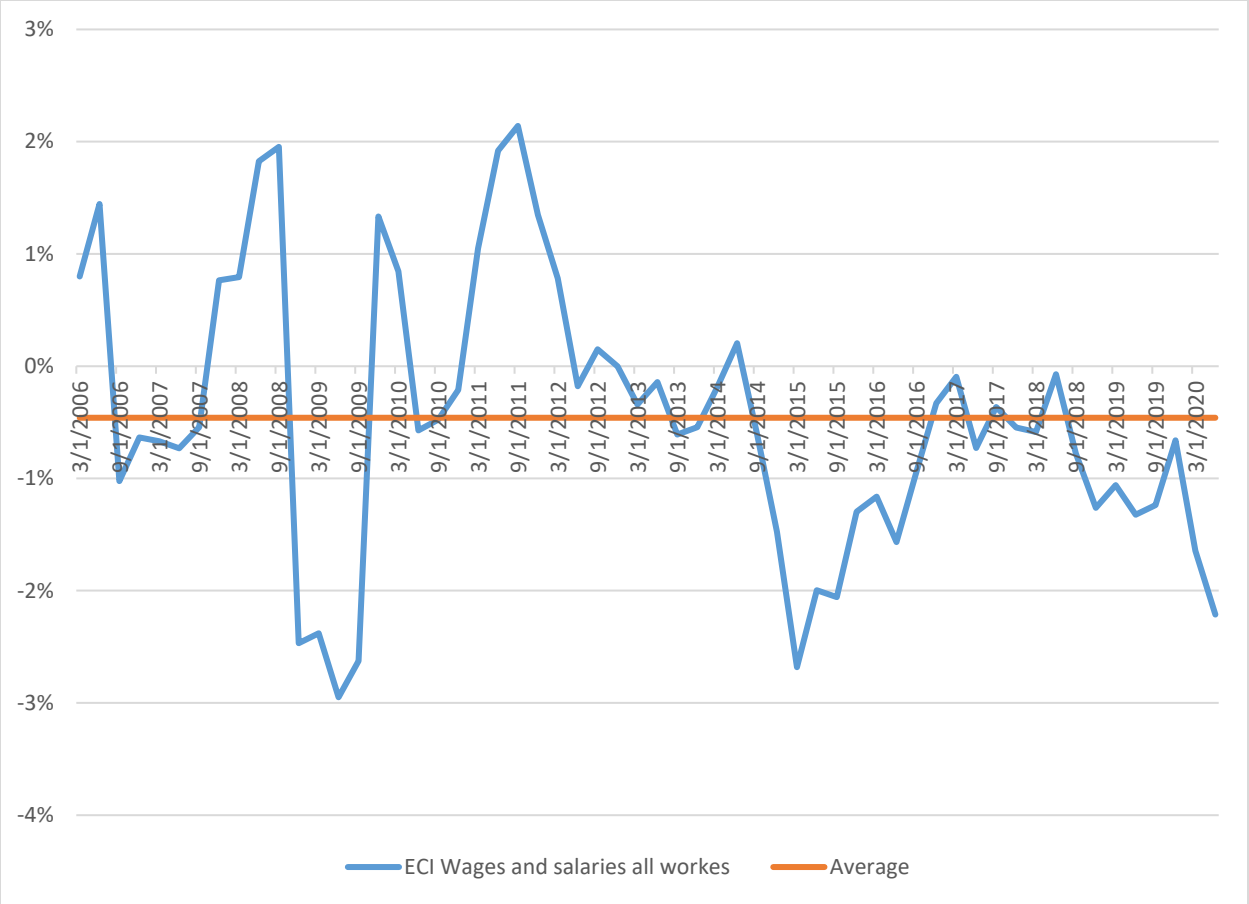
To build growth forecasts of labor earnings and service and commodity costs, John Ward Economics relies on the macroeconomic forecasting model of Moody's Analytics. The Moody's Analytics U.S. macro model is a large-scale, simultaneous-equilibrium model that allows for interrelationships among all of the sectors of the U.S. economy. A description of the forecast model which produces the forecasts used can be found at Moody's Analytics' Internet site.[1]

Economists' forecasting methods consider both short-term on long-term expectations. Recent trends in economic time series provide short-term expectations and structural linkages within the economy govern long-term expectations. The best economic forecast considers both short and long-term expectations. For example, consider the Moody's forecast of the real-dollar Employment Cost Index (ECI) for the total wages and salaries paid by employers to all workers:



On an annual basis, the Moody's forecasting model predicts negative wage growth through 2024 followed by a cyclical upturn and then steady deceleration to a long term growth level,

[1] http://www.economy.com/home/products/samples/macromodel.pdf



Incremental Growth Analysis

Moody's provides forecasts for the ECI wage and salary, benefits, and total compensation for all workers, manufacturing, goods-producing industries, service-producing industries, and state and local governments. In addition, they provide numerous forecasts of the Consumer Price Index detailed series. For economic variables that a macro-economic forecast is not published, we perform a past incremental analysis between those variables and variables for which forecast values are published.

The title of the table gives (1) the name of the economic variable for which a forecast value is not published, and (2) the name of a related economic variable which has a published Moody's forecast.

The **LABSTAT series identifiers** refer to the Bureau of Labor Statistics data series identifiers. The data for the economic variables can be extracted from the LABSTAT database at the Internet location http://data.bls.gov/cgi-bin/srgate.

The **historical data period** gives the range of dates considered for the incremental growth analysis.

Assume that the wages/prices of the unpublished forecast variable at time t is be represented by W_t° and that corresponding published forecast variable has a value at time t is represented as $W_t^{\blacksquare}$. We define the period-to-period ratio in the wages/prices in the unpublished forecast series ° to that of the published forecasted series as

(1) $R_t^{\circ} = \frac{W_t^{\circ}}{W_t^{\blacksquare}}$

and the period growth differential in R°as

(2) $G_t^{\circ} = \frac{R_t^{\circ} - R_{t-1}^{\circ}}{R_{t-1}^{\circ}}$.

If the growth differential series G° is stationary there is a constant mechanism separating the wage/price growth in the unpublished forecast variable ° from that of the published forecasted variable. A covariance stationary series has a time invariant mean and variance such that the series fluctuates around a constant long-term mean. The unbiased forecast of a stationary series is its long-term mean.

An accepted test for determining the stationarity of a growth series is the Phillips-Perron test. The Phillips-Perron test is an augmented Dickey-Fuller test that recognizes autocorrelation and heteroscedasticity in the disturbance. The Phillips-Perron test for a single mean, μ, in G° is determined from the autoregressive model

(3) $G_t^{\circ} = \mu + \rho G_{t-1}^{\circ} + u_t$

where ρ is the coefficient on the lagged growth differential value, and u_t is the disturbance. Since first order autocorrelation is expected in G°, to get an unbiased estimate of the single mean growth μ, the disturbance adds a first order autocorrelation parameter to that where u_t is specified as

(4) $u_t = \varepsilon_t - \varphi_1 u_{t-1}$ and $\varepsilon_t N(0, \sigma^2)$.

The autoregressive model is estimated using the Yule-Walker method which first estimates the mean growth μ with generalized least squares, then φ_1 with ordinary least squares, and then using φ_1 the mean μ is re-estimated with generalized least squares. The generalized least squares approach corrects for the heteroscedasticity in the variance of the time series observations.

Output and Interpretation

The *Z* values are the Phillips-Perron single mean stationarity statistics as presented in the Phillips-Perron paper: Phillips, Peter CB, and Pierre Perron. "Testing for a unit root in time series regression." *Biometrika* 75.2 (1988): 335-346. While the value of the Z-statistics have no important meaning, if the Prob(Z) is less than 0.05, we reject the null hypothesis that the growth series contains a unit root (i.e., it is non-stationary).

The value for the intercept *mu* is shown under the Yule-Walker parameter estimate section. Since the intercept is an estimated of incremental quarterly growth, it is compounded by four to an annual incremental growth rate. If the probability of the *t*-statistic is less than .05, we reject that the incremental growth rate is zero.

The AR(1) coefficient is the estimated measure of the period-to-period dependency in the estimated model residuals. With AR(1) correction, we attempt to remove that dependency. If the Durbin–Watson statistic is substantially less than 2, there is evidence of positive serial correlation and if substantially greater than 2 then successive error terms are negatively correlated. If the Durbin-Watson statistic is approximately equal to 2, then we can be confident that the model removed serial correlation.

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0106	AR(1) coefficient	0.2206
Standard error	0.0184	Standard error	0.1292
t-statistic	0.5778	t-statistic	1.7073
Probability t	0.5657	Durbin-Watson	2.0397

Estimated incremental annual growth rate: 0.042%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

The value for the intercept *mu* (u_t) is shown under the Yule-Walker parameter estimate section. Since the intercept is an estimated of incremental quarterly growth, it is compounded by four to an annual incremental growth rate $[(1+mu)^4 - 1]$. If the probability of the *t*-statistic is less than .05, we reject that the incremental growth rate is zero.

The AR(1) coefficient (*psi* or ψ) is the estimated measure of the period-to-period dependency in the estimated model residuals. With AR(1) correction, we attempt to remove that dependency. If the Durbin–Watson statistic is substantially less than 2, there is evidence of positive serial correlation and if substantially greater than 2 then successive error terms are negatively correlated. If the Durbin-Watson statistic is approximately equal to 2, then we can be confident that the model removed serial correlation.

Table 1. ECI: COMP(PRIV) All union workers incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000000510I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-15.6061	Z_{Tau}	-3.3926
Prob Z_{Rho}	0.0247	Prob Z_{Tau}	0.0151

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0454	AR(1) coefficient	-0.6826
Standard error	0.0540	Standard error	0.0985
t-statistic	0.8415	t-statistic	-6.9275
Probability t	0.4037	Durbin-Watson	2.0575

Estimated incremental annual growth rate: 0.182%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

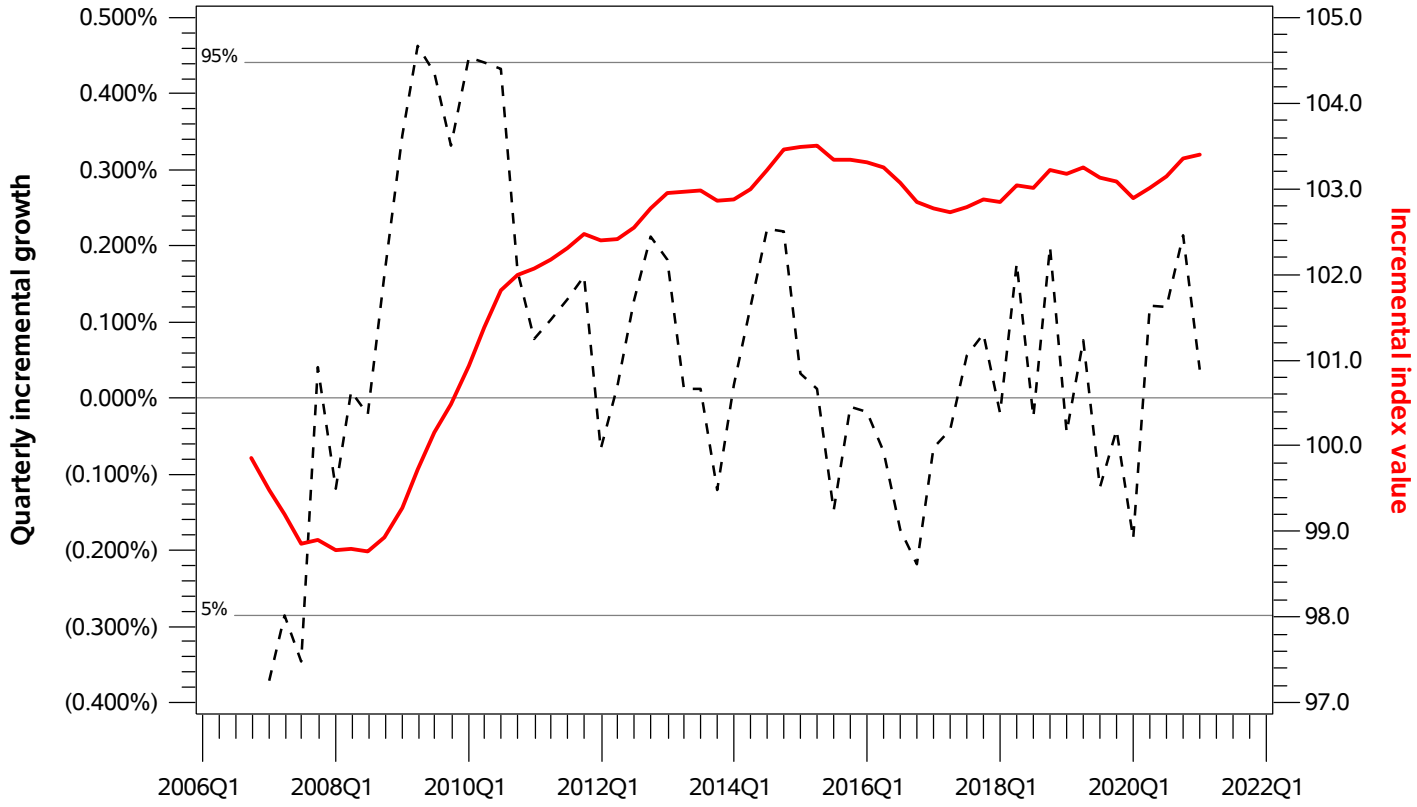


Table 2. ECI: COMP(PRIV) All nonunion workers incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000000520I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-27.9575	Z_{Tau}	-4.4886
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0006

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0078	AR(1) coefficient	-0.4531
Standard error	0.0080	Standard error	0.1202
t-statistic	-0.9805	t-statistic	-3.7698
Probability t	0.3311	Durbin-Watson	2.1270

Estimated incremental annual growth rate: (0.031%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

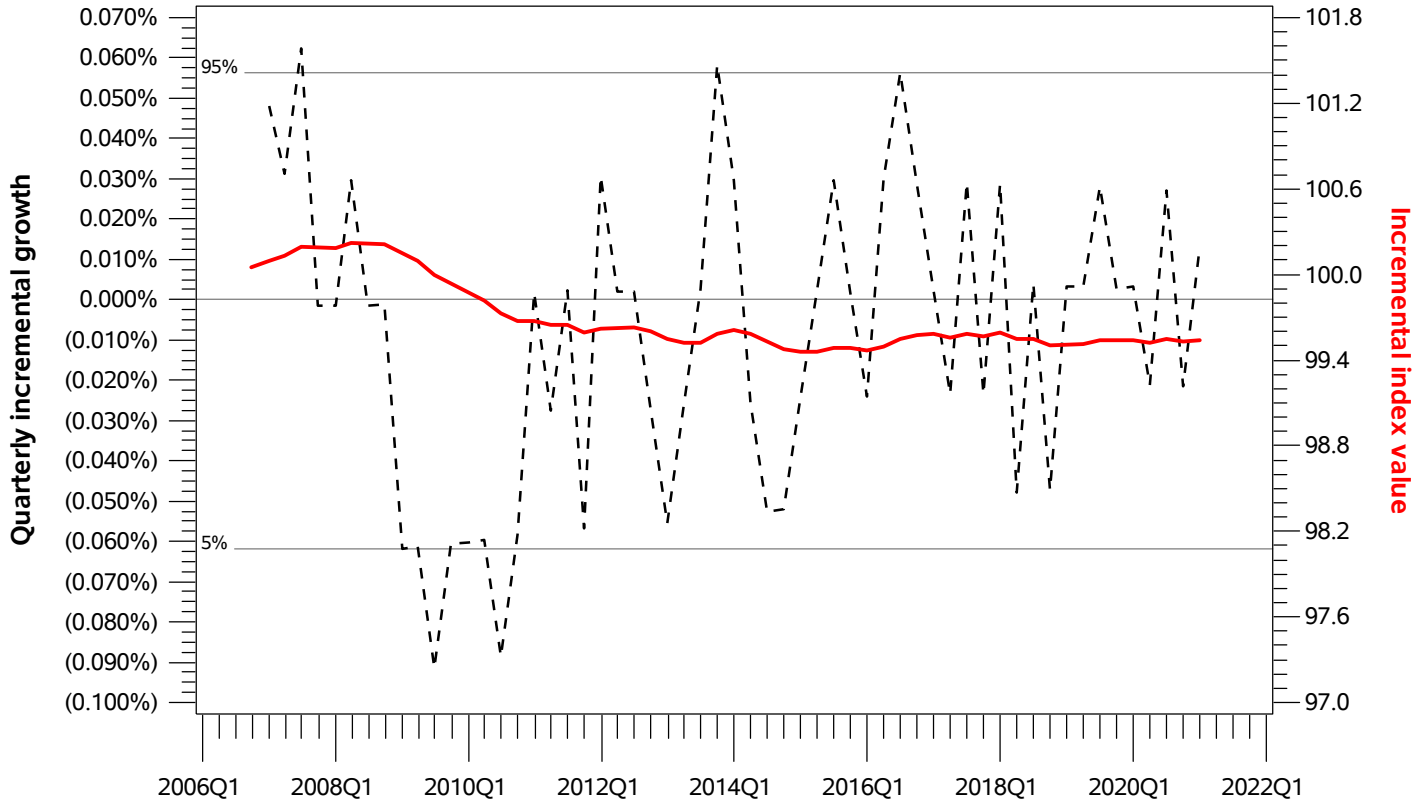


Table 3. ECI: COMP(PRIV) All workers, excluding incentive paid incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000000710I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.1314	Z_{Tau}	-3.5906
Prob Z_{Rho}	0.0034	Prob Z_{Tau}	0.0088

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0009	AR(1) coefficient	-0.6310
Standard error	0.0125	Standard error	0.1046
t-statistic	0.0745	t-statistic	-6.0317
Probability t	0.9409	Durbin-Watson	1.8194

Estimated incremental annual growth rate: 0.004%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

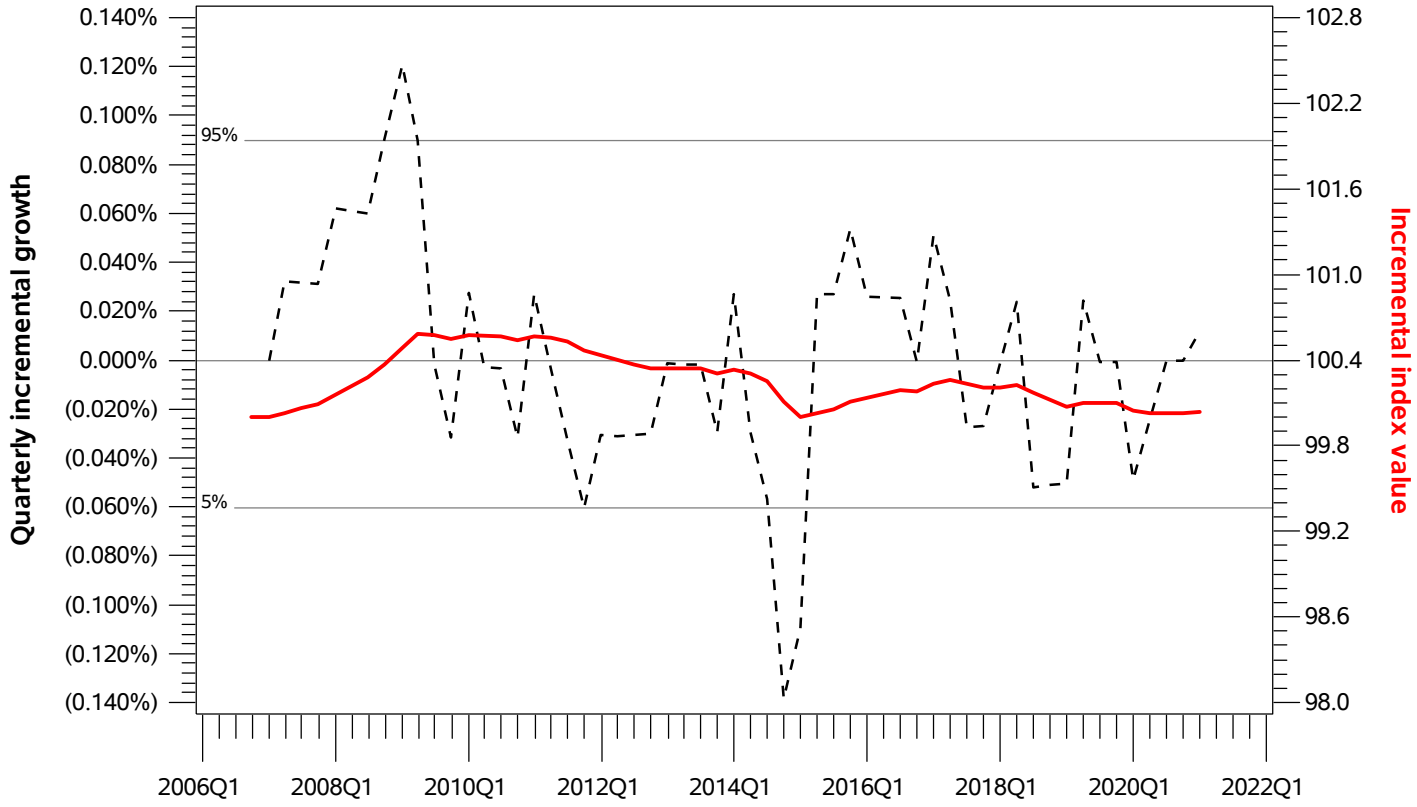


Table 4. ECI: COMP(PRIV) Management, professional, and related incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000100000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.0259	Z_{Tau}	-3.6548
Prob Z_{Rho}	0.0048	Prob Z_{Tau}	0.0073

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0272	AR(1) coefficient	-0.6132
Standard error	0.0213	Standard error	0.1065
t-statistic	-1.2806	t-statistic	-5.7571
Probability t	0.2057	Durbin-Watson	1.9725

Estimated incremental annual growth rate: (0.109%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

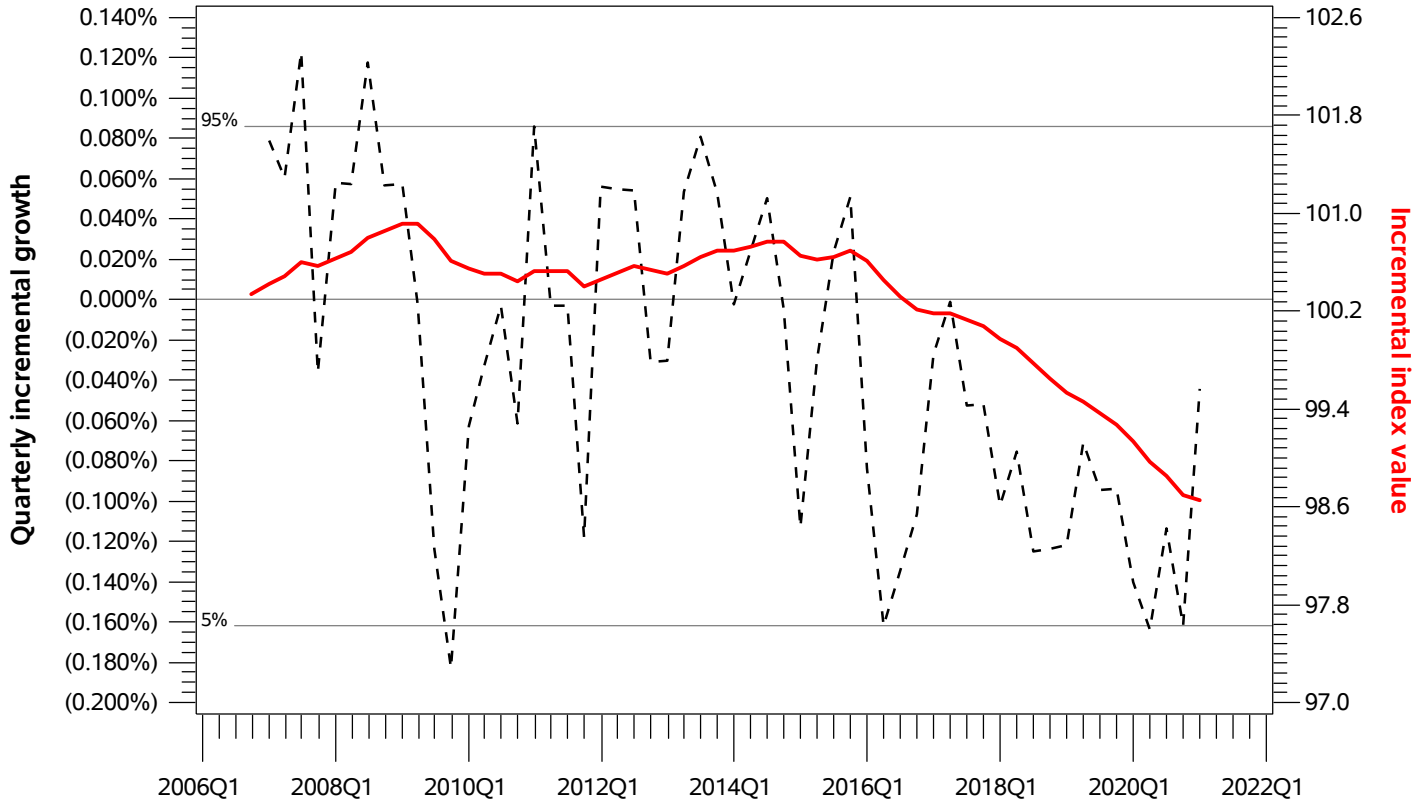


Table 5. ECI: COMP(PRIV) Management, professional, and related; excluding incentive paid incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000100710I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.7533	Z_{Tau}	-3.2912
Prob Z_{Rho}	0.0131	Prob Z_{Tau}	0.0197

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0337	AR(1) coefficient	-0.6694
Standard error	0.0244	Standard error	0.1002
t-statistic	-1.3815	t-statistic	-6.6831
Probability t	0.1727	Durbin-Watson	1.9458

Estimated incremental annual growth rate: (0.135%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

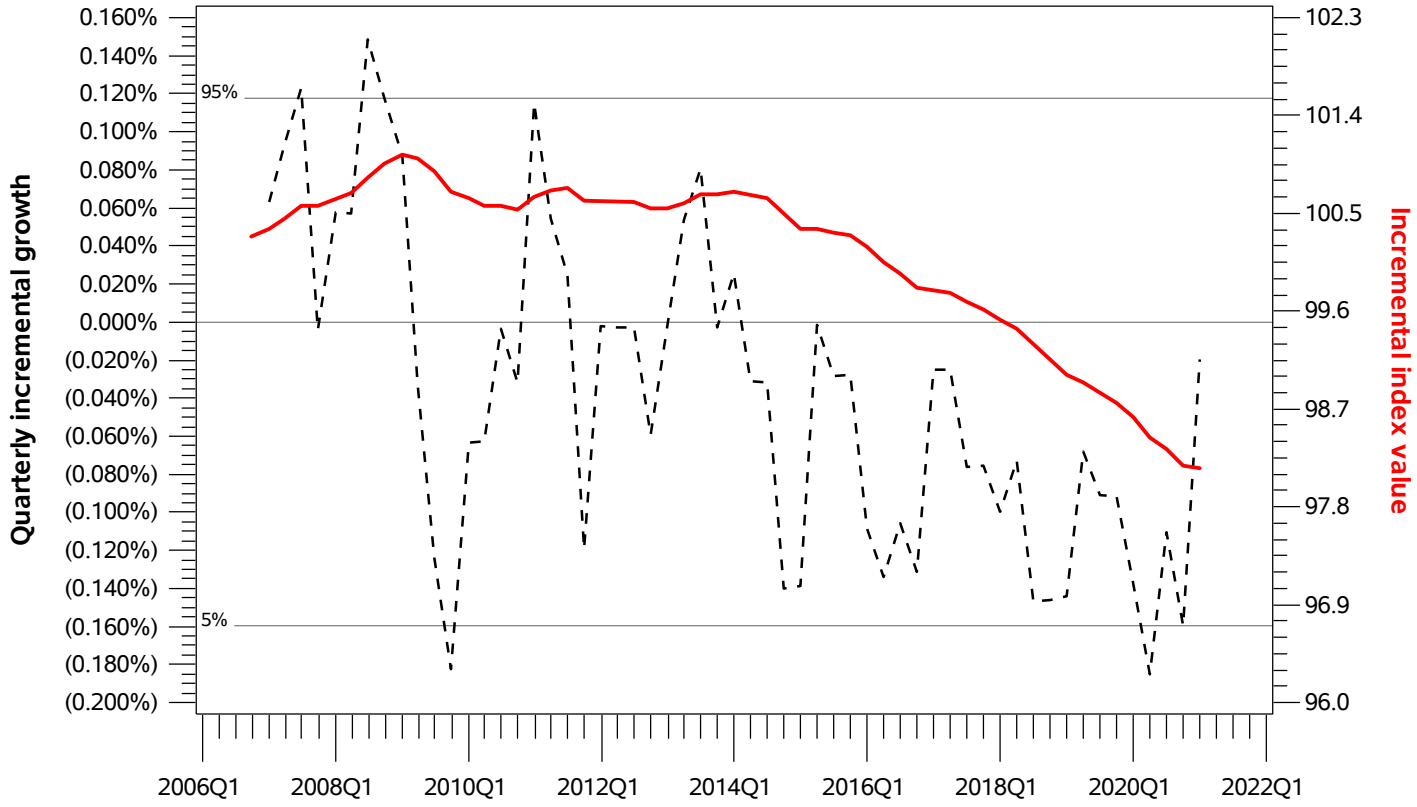


Table 6. ECI: COMP(PRIV) Management, business, and financial incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000110000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-34.0914	Z_{Tau}	-4.7255
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0046	AR(1) coefficient	-0.4297
Standard error	0.0251	Standard error	0.1218
t-statistic	-0.1824	t-statistic	-3.5292
Probability t	0.8559	Durbin-Watson	1.7801

Estimated incremental annual growth rate: (0.018%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

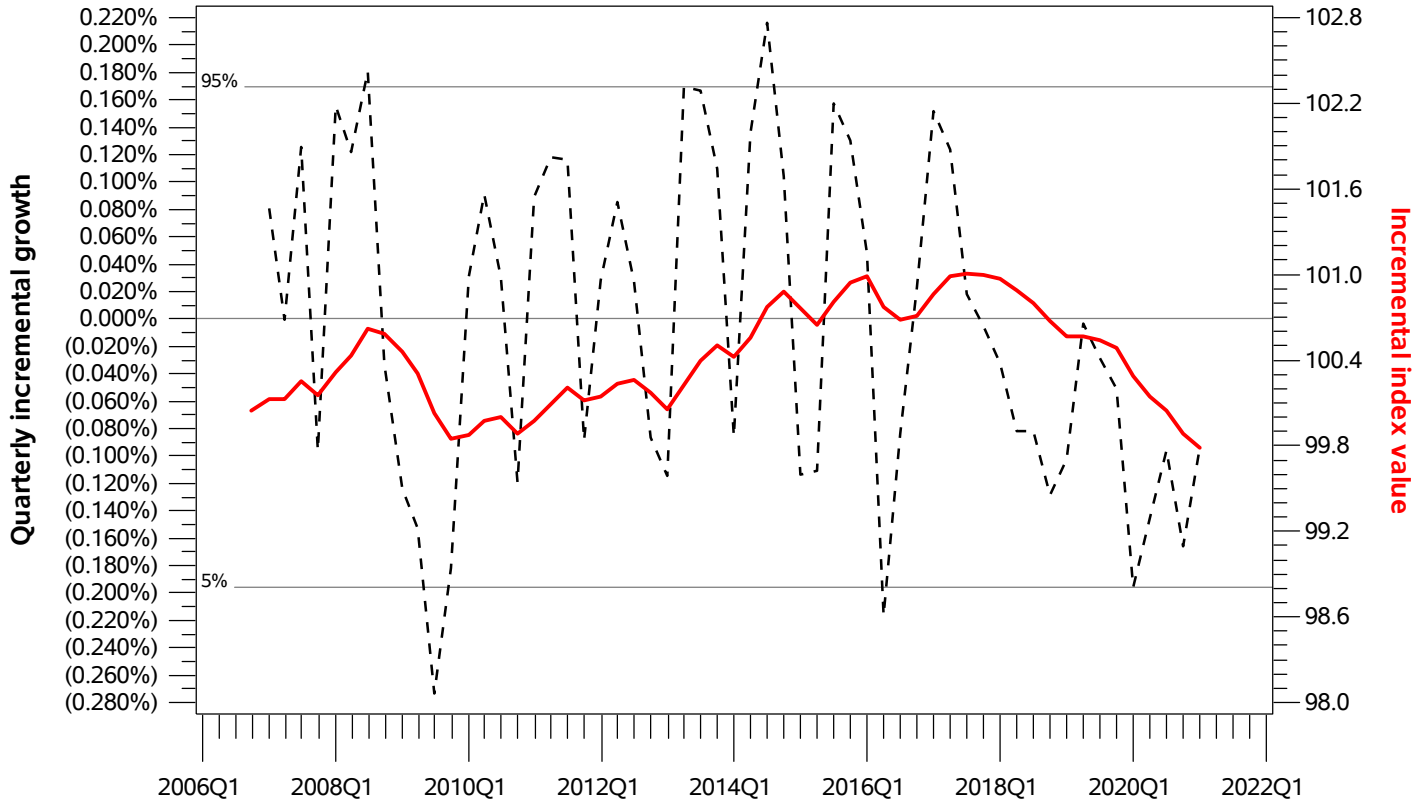


Table 7. ECI: COMP(PRIV) Management, business, and financial; excluding incentive paid incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000110710I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.9013	Z_{Tau}	-3.7381
Prob Z_{Rho}	0.0020	Prob Z_{Tau}	0.0057

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0190	AR(1) coefficient	-0.6000
Standard error	0.0295	Standard error	0.1079
t-statistic	-0.6439	t-statistic	-5.5625
Probability t	0.5223	Durbin-Watson	1.7626

Estimated incremental annual growth rate: (0.076%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

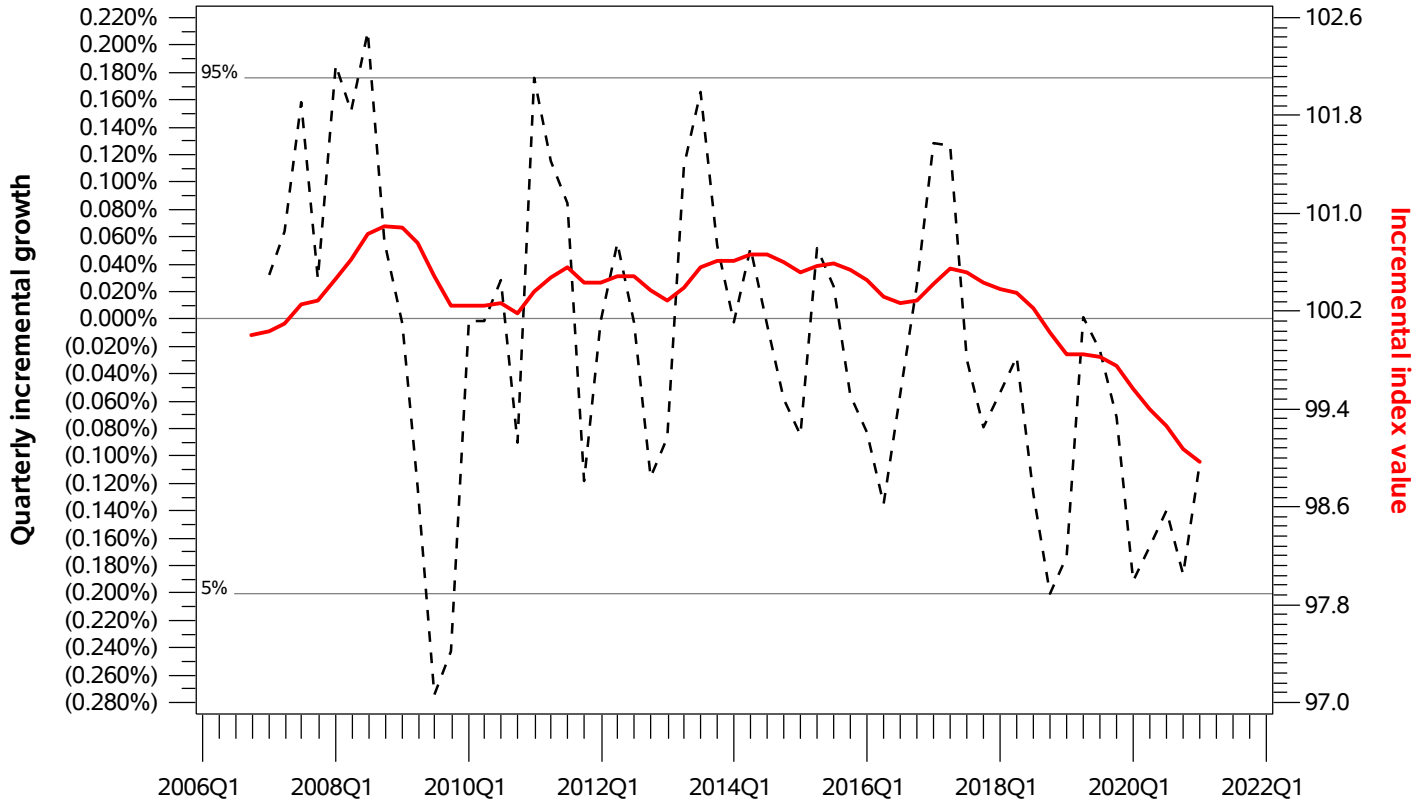


Table 8. ECI: COMP(PRIV) Professional and related incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU20100001200001 and CIU20100000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.7449	Z_{Tau}	-3.3439
Prob Z_{Rho}	0.0131	Prob Z_{Tau}	0.0172

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0437	AR(1) coefficient	-0.6375
Standard error	0.0259	Standard error	0.1039
t-statistic	-1.6868	t-statistic	-6.1365
Probability t	0.0973	Durbin-Watson	2.0809

Estimated incremental annual growth rate: (0.175%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.175%)

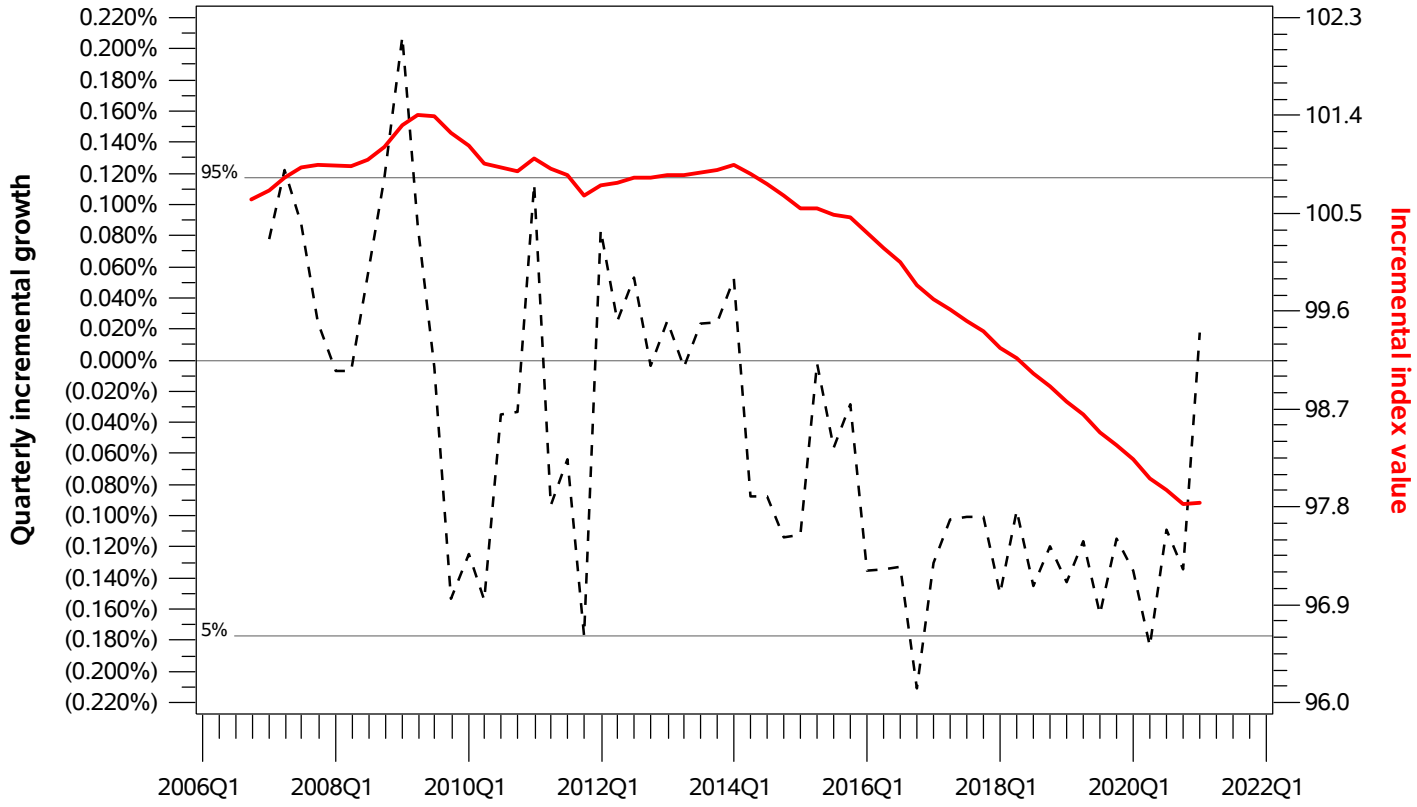


Table 9. ECI: COMP(PRIV) Sales and office incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000200000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-33.3293	Z_{Tau}	-4.8553
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0210	AR(1) coefficient	-0.3843
Standard error	0.0210	Standard error	0.1245
t-statistic	1.0015	t-statistic	-3.0873
Probability t	0.3210	Durbin-Watson	2.0858

Estimated incremental annual growth rate: 0.084%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

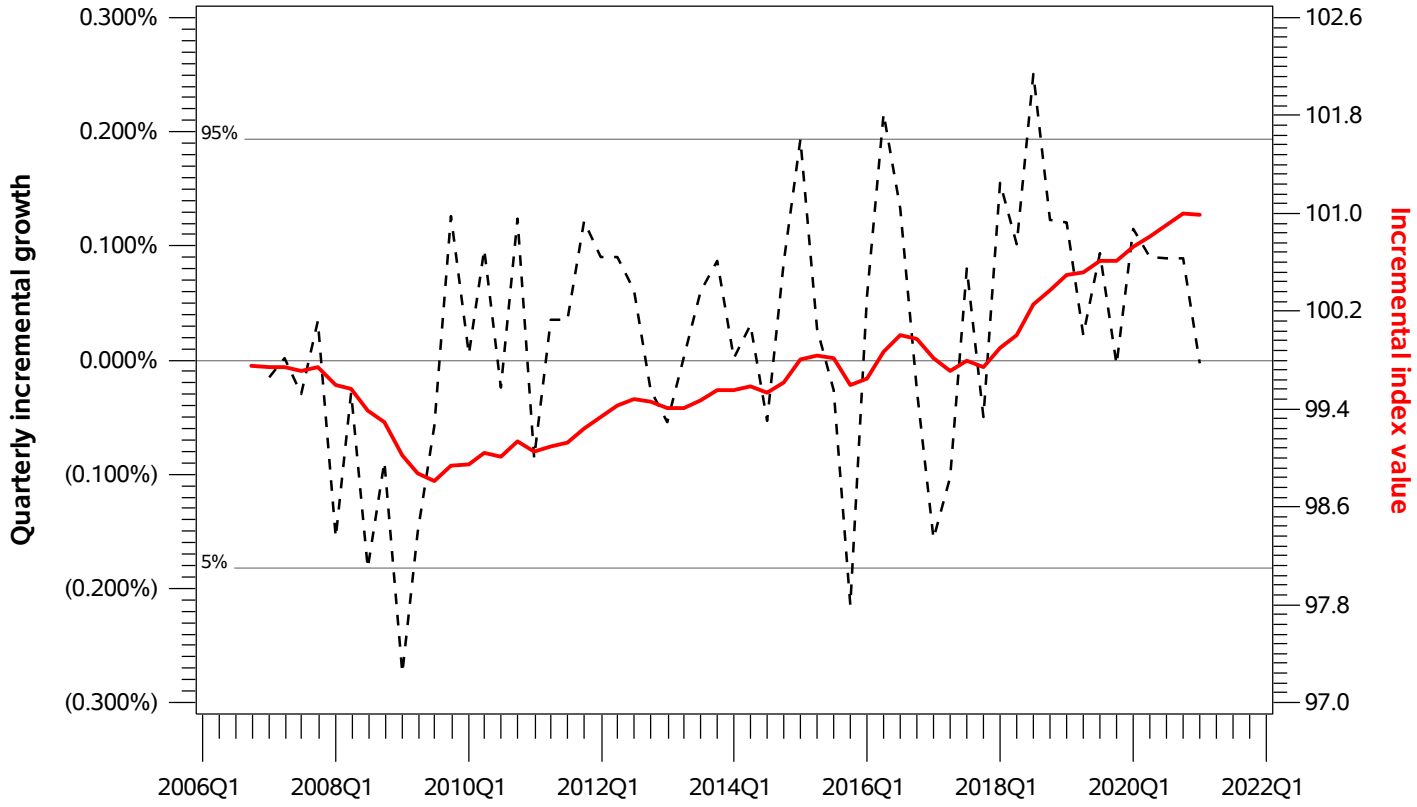


Table 10. ECI: COMP(PRIV) Sales and office, excluding incentive paid incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000200710I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.3453	Z_{Tau}	-3.5126
Prob Z_{Rho}	0.0044	Prob Z_{Tau}	0.0109

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0406	AR(1) coefficient	-0.6462
Standard error	0.0262	Standard error	0.1029
t-statistic	1.5507	t-statistic	-6.2796
Probability t	0.1267	Durbin-Watson	1.7827

Estimated incremental annual growth rate: 0.163%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

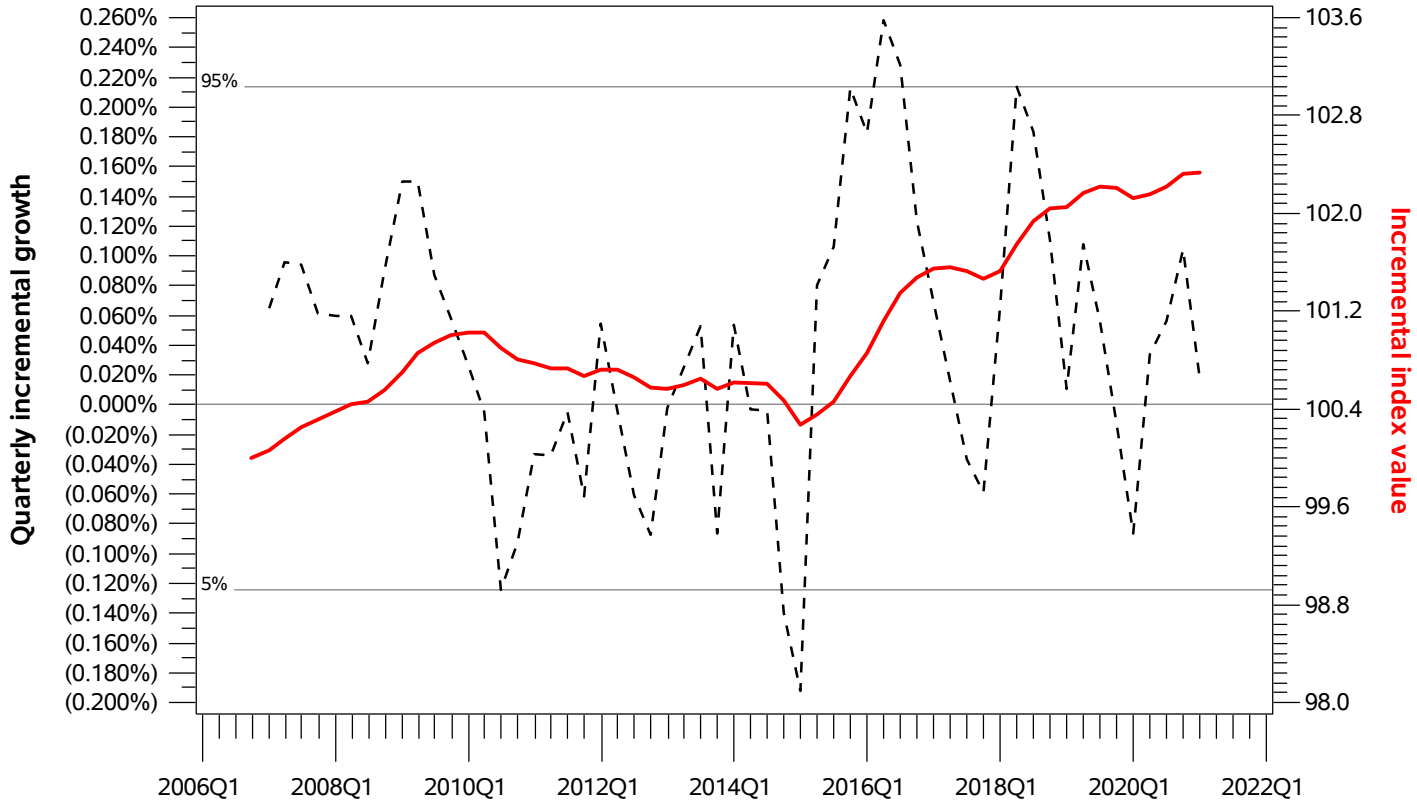


Table 11. ECI: COMP(PRIV) Sales and related incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000210000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.7275	Z_{Tau}	-4.7321
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0183	AR(1) coefficient	-0.4084
Standard error	0.0607	Standard error	0.1231
t-statistic	-0.3015	t-statistic	-3.3185
Probability t	0.7642	Durbin-Watson	2.1012

Estimated incremental annual growth rate: (0.073%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

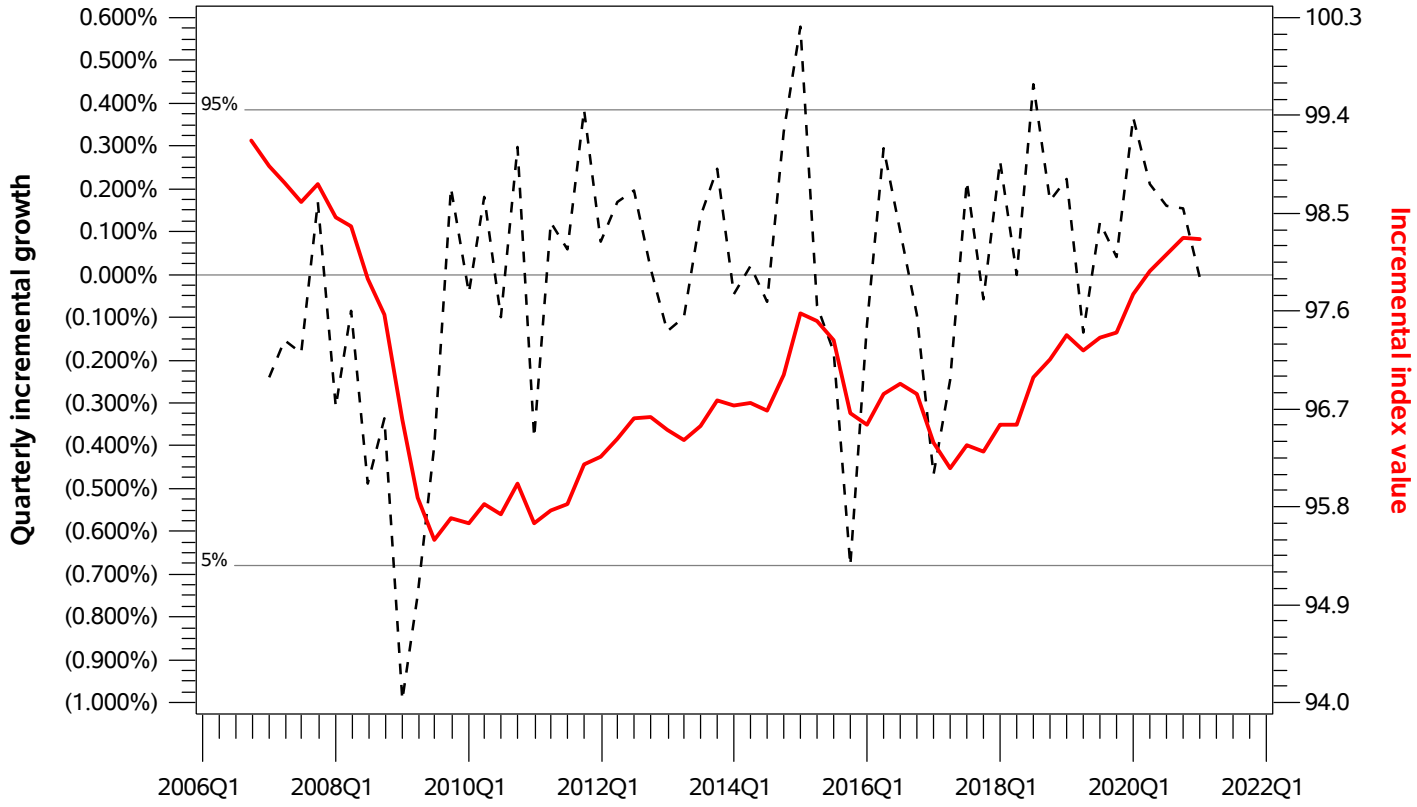


Table 12. ECI: COMP(PRIV) Sales and related, excluding incentive paid incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000210710I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.4671	Z_{Tau}	-3.1304
Prob Z_{Rho}	0.0143	Prob Z_{Tau}	0.0297

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0269	AR(1) coefficient	-0.7103
Standard error	0.0494	Standard error	0.0949
t-statistic	0.5453	t-statistic	-7.4838
Probability t	0.5877	Durbin-Watson	1.7766

Estimated incremental annual growth rate: 0.108%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

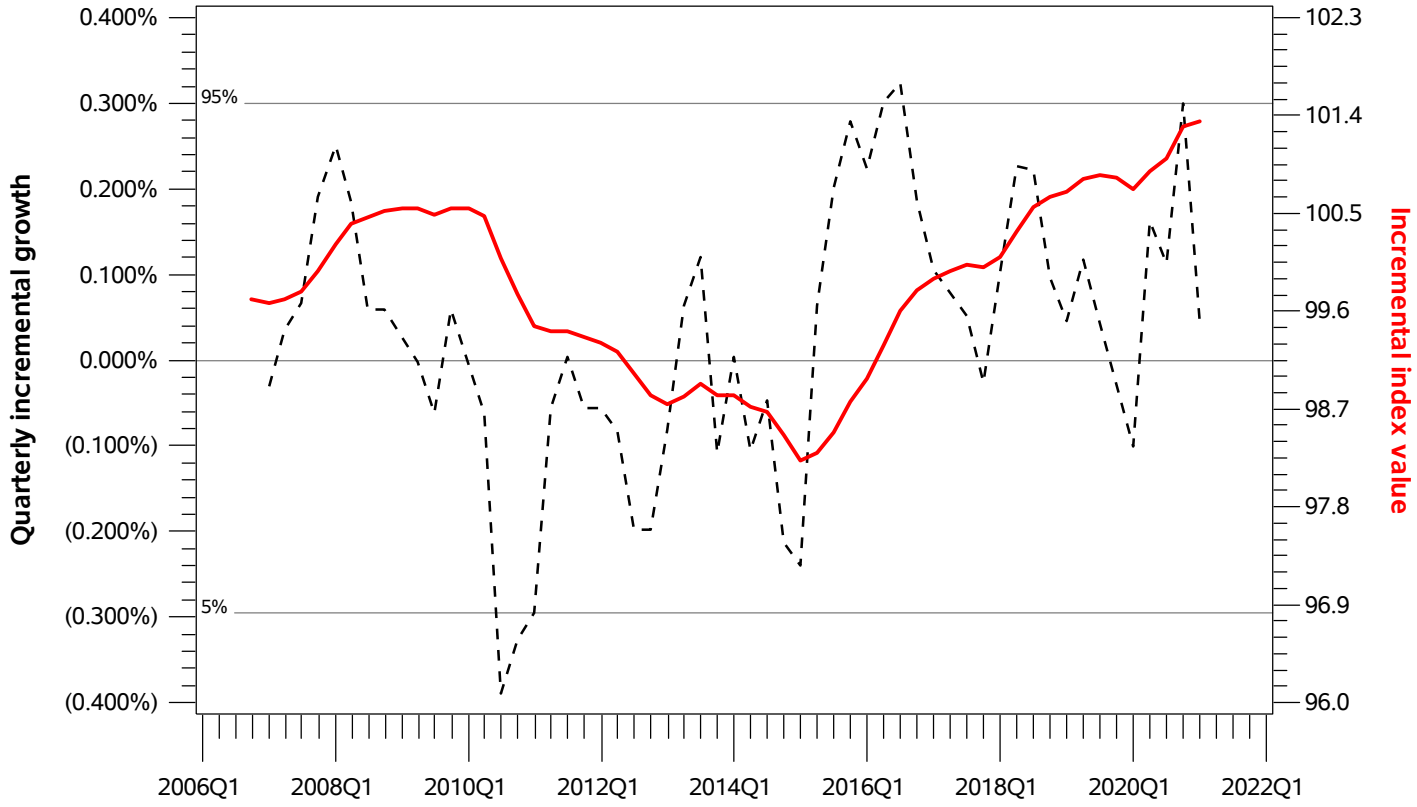


Table 13. ECI: COMP(PRIV) Office and administrative support incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000220000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-26.2596	Z_{Tau}	-4.0320
Prob Z_{Rho}	0.0009	Prob Z_{Tau}	0.0024

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0464	AR(1) coefficient	-0.5451
Standard error	0.0202	Standard error	0.1130
t-statistic	2.3039	t-statistic	-4.8218
Probability t	0.0250	Durbin-Watson	1.8827

Estimated incremental annual growth rate: 0.186%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.186%

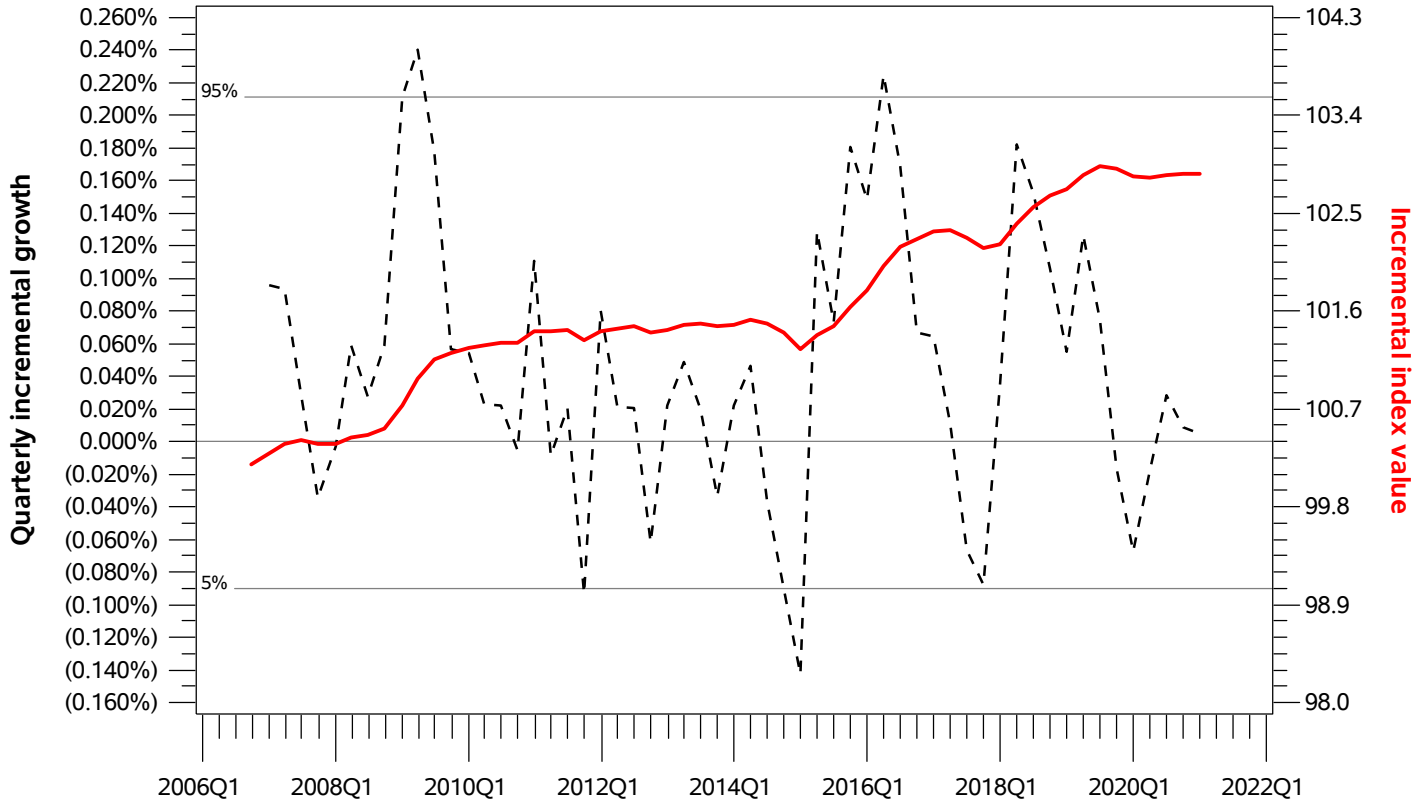


Table 14. ECI: COMP(PRIV) Service occupations incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000300000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-13.4418	Z_{Tau}	-2.7542
Prob Z_{Rho}	0.0459	Prob Z_{Tau}	0.0713

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0620	AR(1) coefficient	-0.7501
Standard error	0.0531	Standard error	0.0892
t-statistic	1.1690	t-statistic	-8.4119
Probability t	0.2474	Durbin-Watson	1.9886

Estimated incremental annual growth rate: 0.248%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

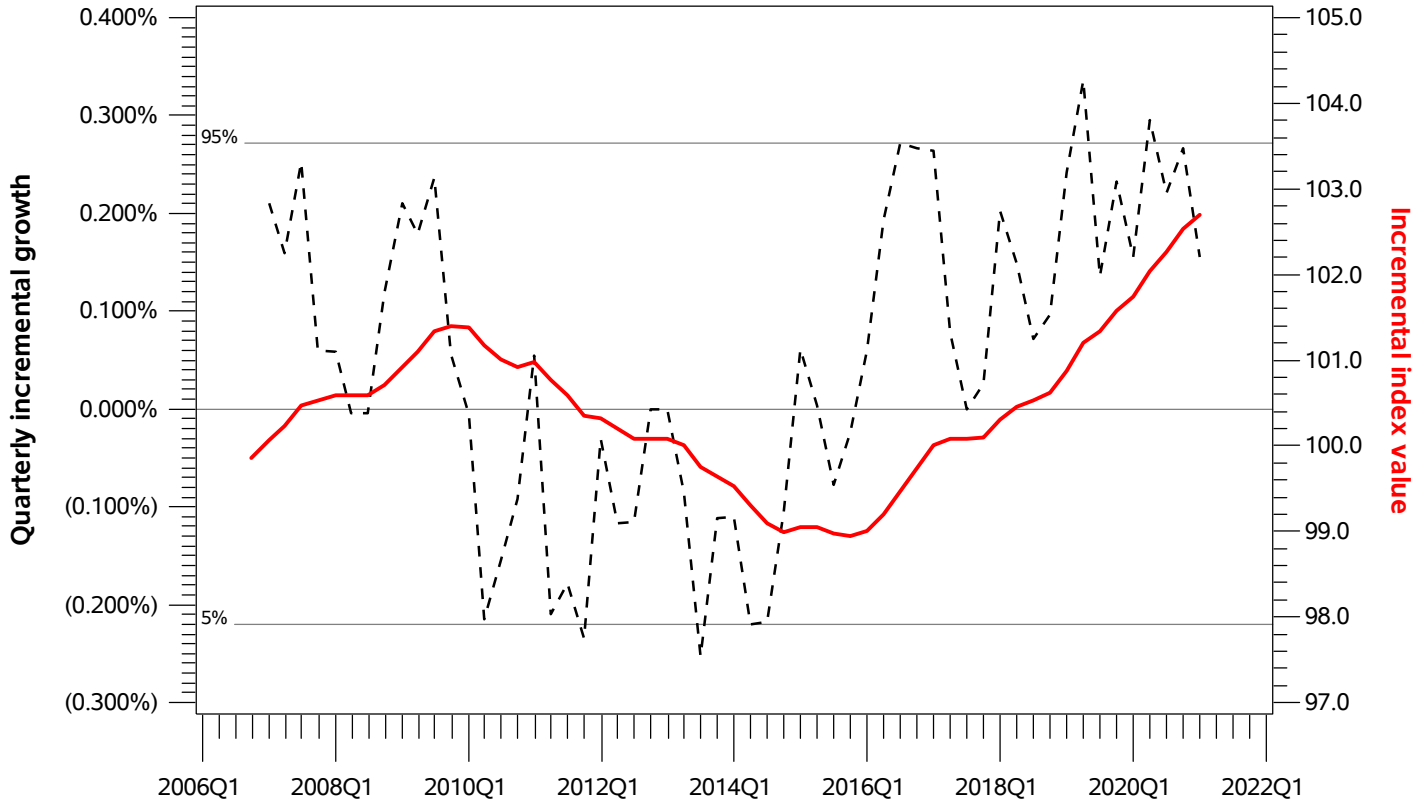


Table 15. ECI: COMP(PRIV) Natural resources, construction, and maintenance incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000400000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-39.6553	Z_{Tau}	-5.7501
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0109	AR(1) coefficient	-0.2553
Standard error	0.0150	Standard error	0.1304
t-statistic	-0.7256	t-statistic	-1.9580
Probability t	0.4712	Durbin-Watson	2.0466

Estimated incremental annual growth rate: (0.043%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

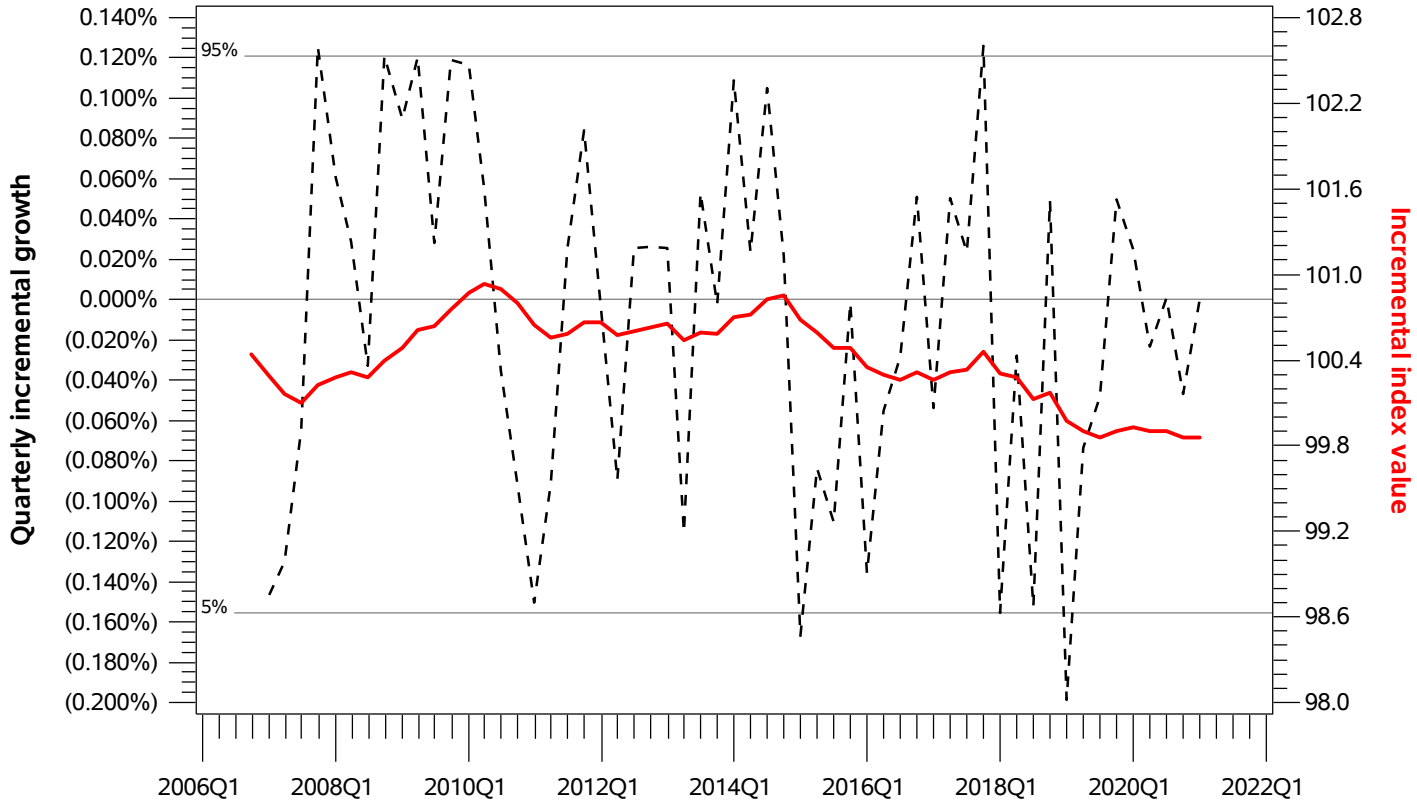


Table 16. ECI: COMP(PRIV) Construction, extraction, farming, fishing, and forestry occupations incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000405000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-28.7102	Z_{Tau}	-4.4485
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0007

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0144	AR(1) coefficient	-0.4435
Standard error	0.0290	Standard error	0.1209
t-statistic	-0.4962	t-statistic	-3.6695
Probability t	0.6217	Durbin-Watson	2.2116

Estimated incremental annual growth rate: (0.058%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

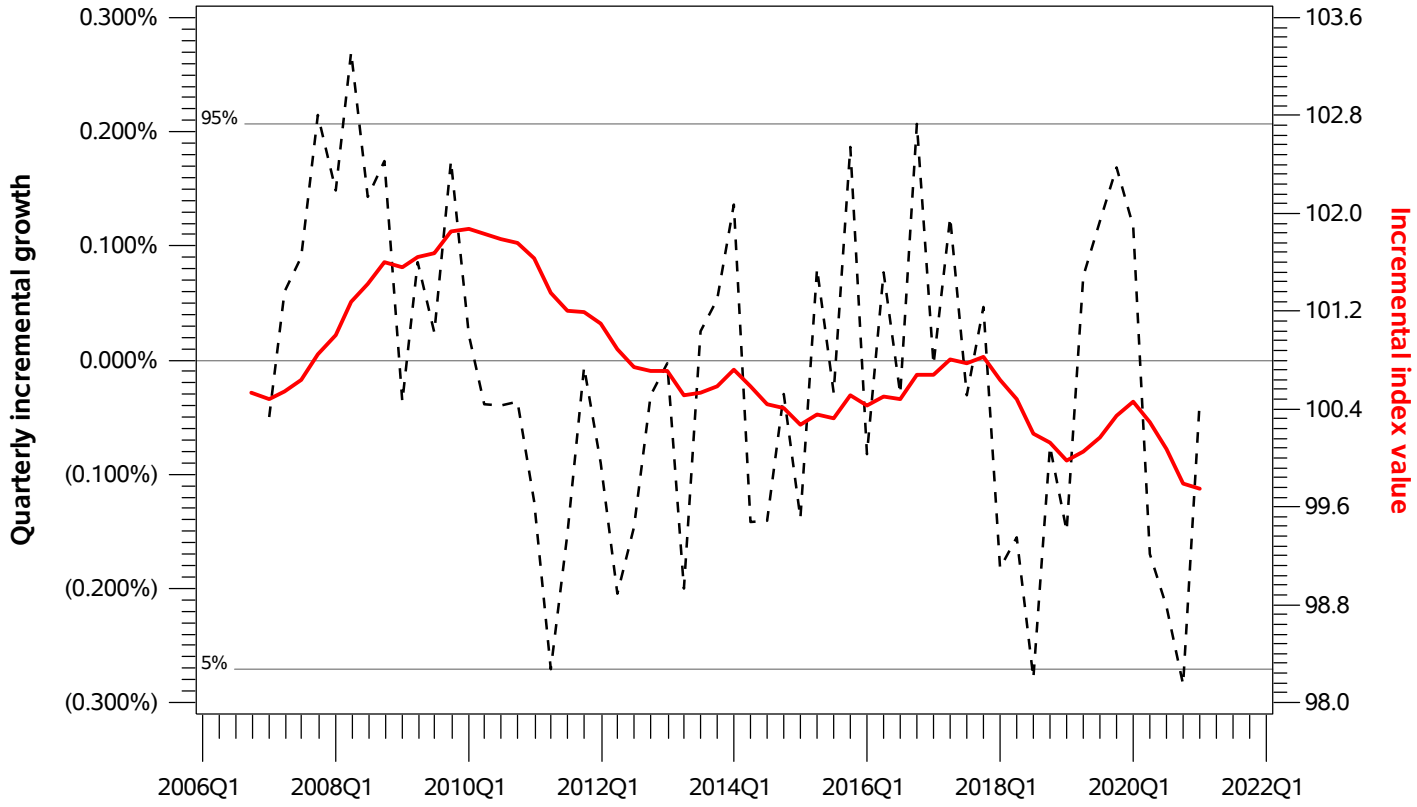


Table 17. ECI: COMP(PRIV) Installation, maintenance, and repair incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000430000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.6772	Z_{Tau}	-4.1198
Prob Z_{Rho}	0.0011	Prob Z_{Tau}	0.0018

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0110	AR(1) coefficient	-0.5448
Standard error	0.0420	Standard error	0.1131
t-statistic	-0.2616	t-statistic	-4.8184
Probability t	0.7946	Durbin-Watson	1.7892

Estimated incremental annual growth rate: (0.044%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

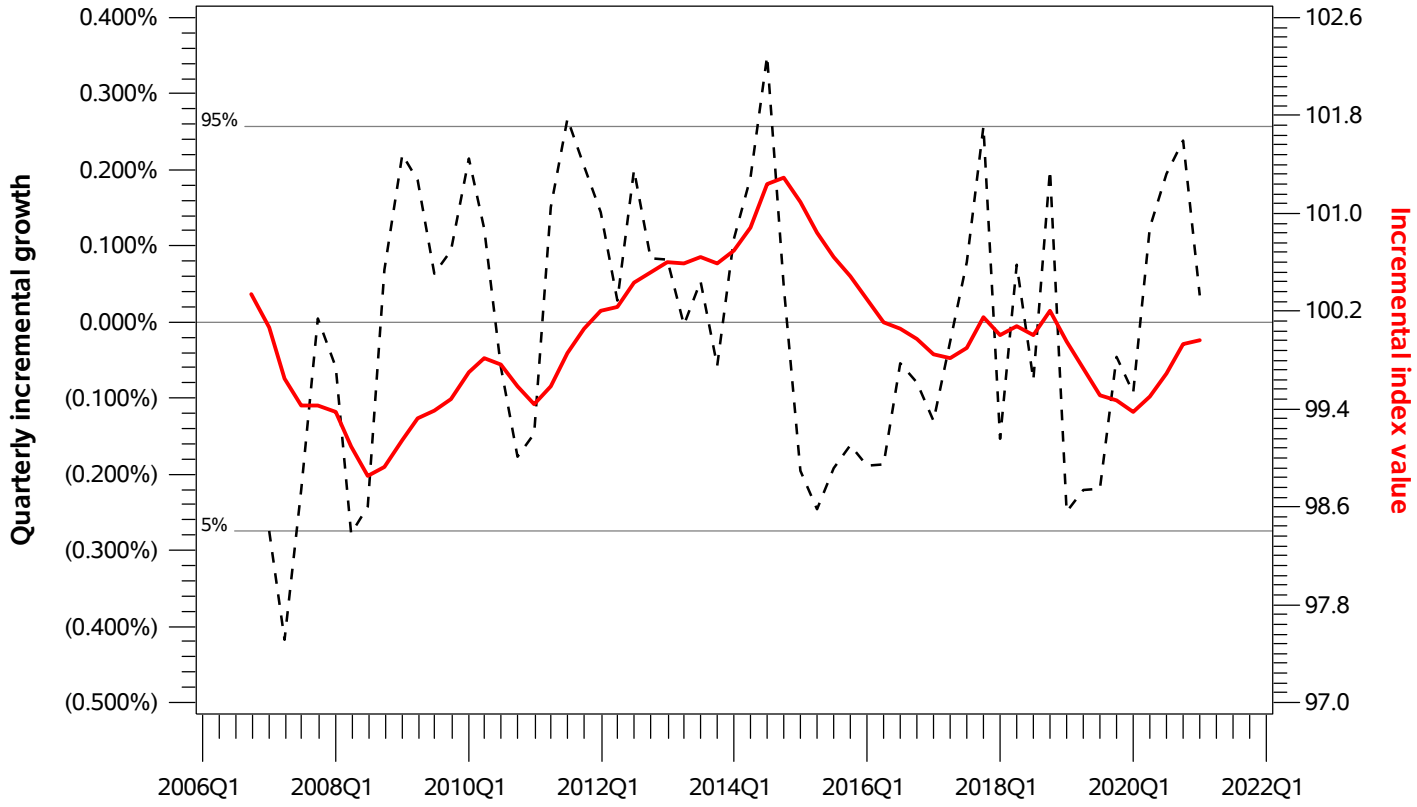


Table 18. ECI: COMP(PRIV) Production, transportation, and material moving incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000500000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.9871	Z_{Tau}	-3.5329
Prob Z_{Rho}	0.0090	Prob Z_{Tau}	0.0103

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0348	AR(1) coefficient	-0.6642
Standard error	0.0337	Standard error	0.1008
t-statistic	1.0328	t-statistic	-6.5892
Probability t	0.3062	Durbin-Watson	1.6491

Estimated incremental annual growth rate: 0.139%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

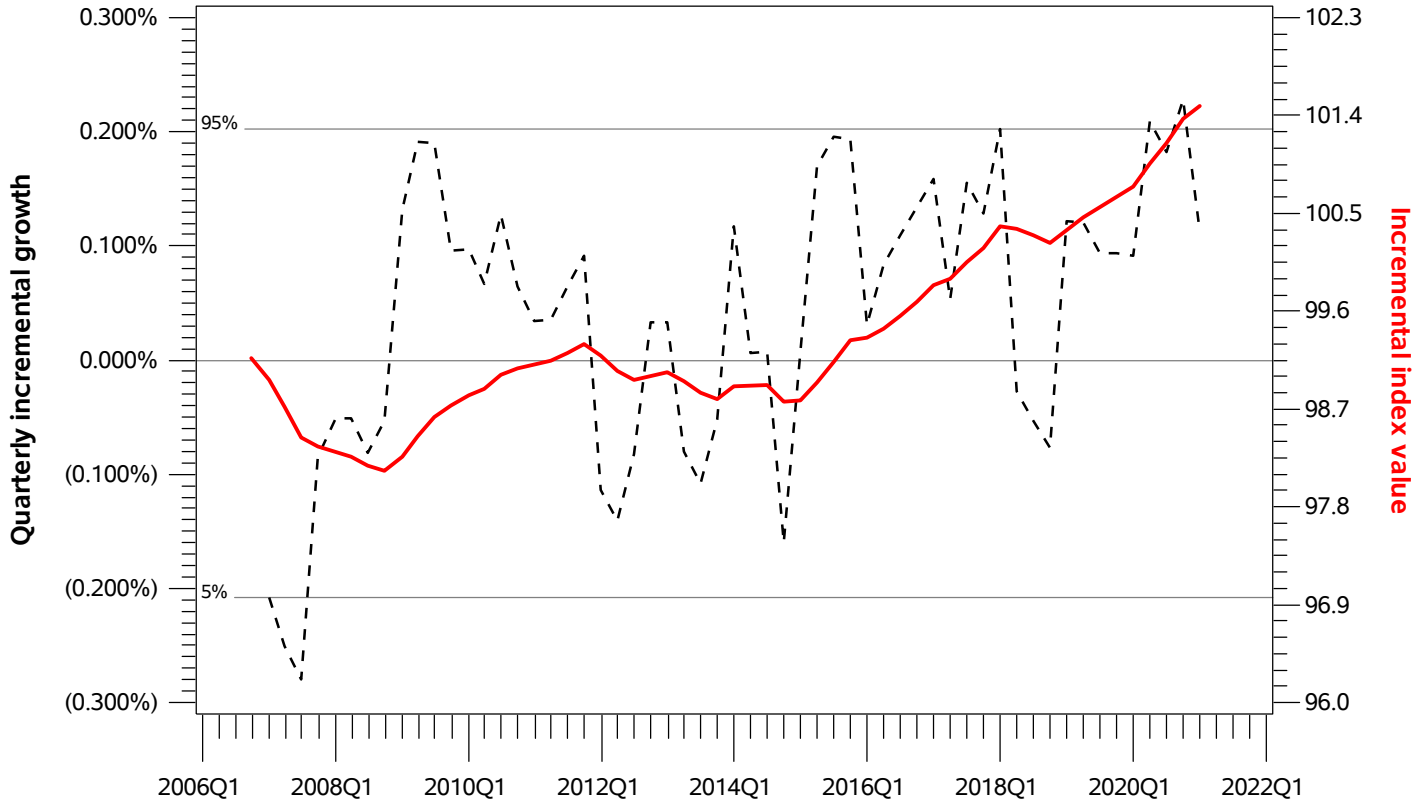


Table 19. ECI: COMP(PRIV) Production, transportation, and material moving; excluding incentive paid incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000500710I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-19.3171	Z_{Tau}	-3.5690
Prob Z_{Rho}	0.0082	Prob Z_{Tau}	0.0093

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0340	AR(1) coefficient	-0.6460
Standard error	0.0351	Standard error	0.1029
t-statistic	0.9669	t-statistic	-6.2763
Probability t	0.3378	Durbin-Watson	1.7467

Estimated incremental annual growth rate: 0.136%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

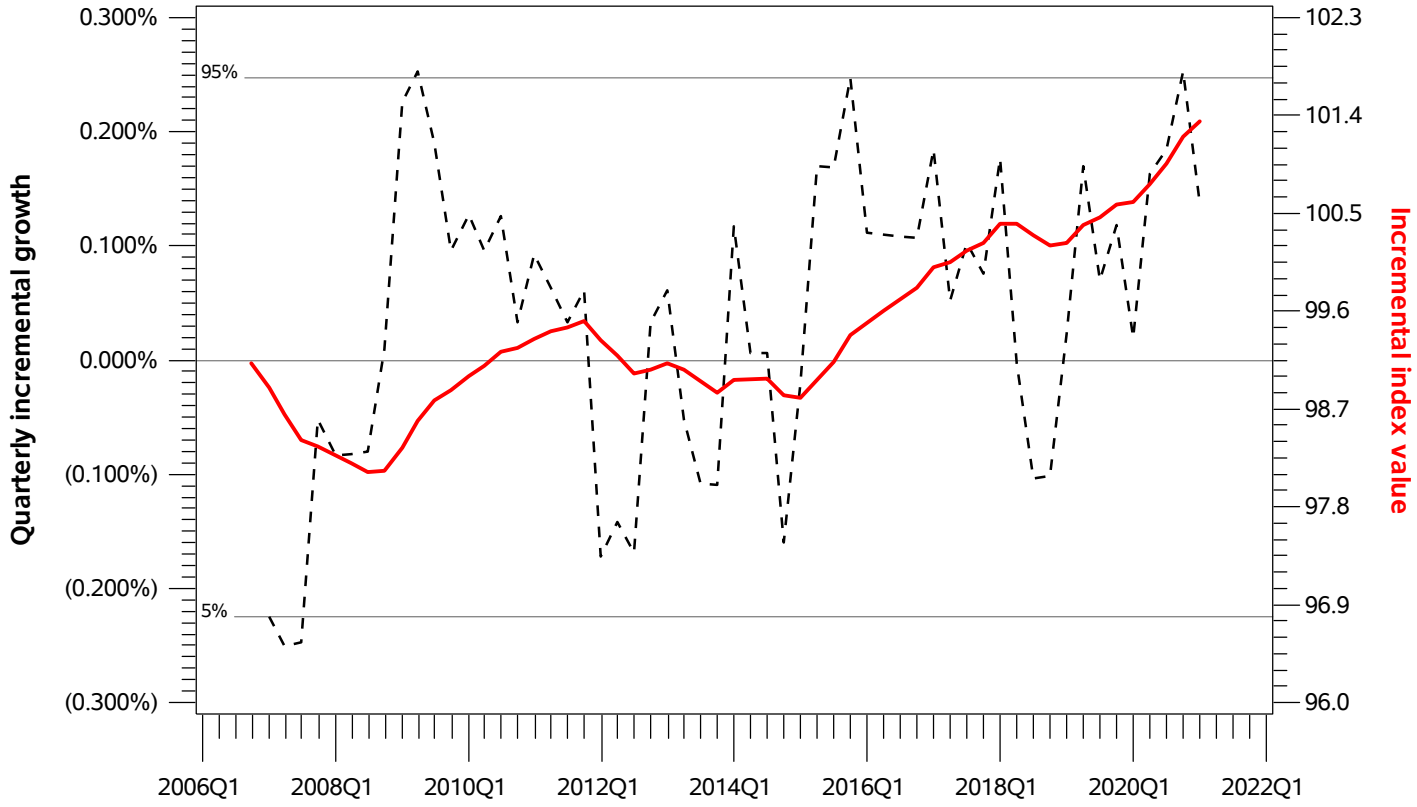


Table 20. ECI: COMP(PRIV) Production incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000510000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-19.8640	Z_{Tau}	-3.5627
Prob Z_{Rho}	0.0069	Prob Z_{Tau}	0.0095

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0052	AR(1) coefficient	-0.6491
Standard error	0.0436	Standard error	0.1026
t-statistic	-0.1205	t-statistic	-6.3283
Probability t	0.9045	Durbin-Watson	1.7136

Estimated incremental annual growth rate: (0.021%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

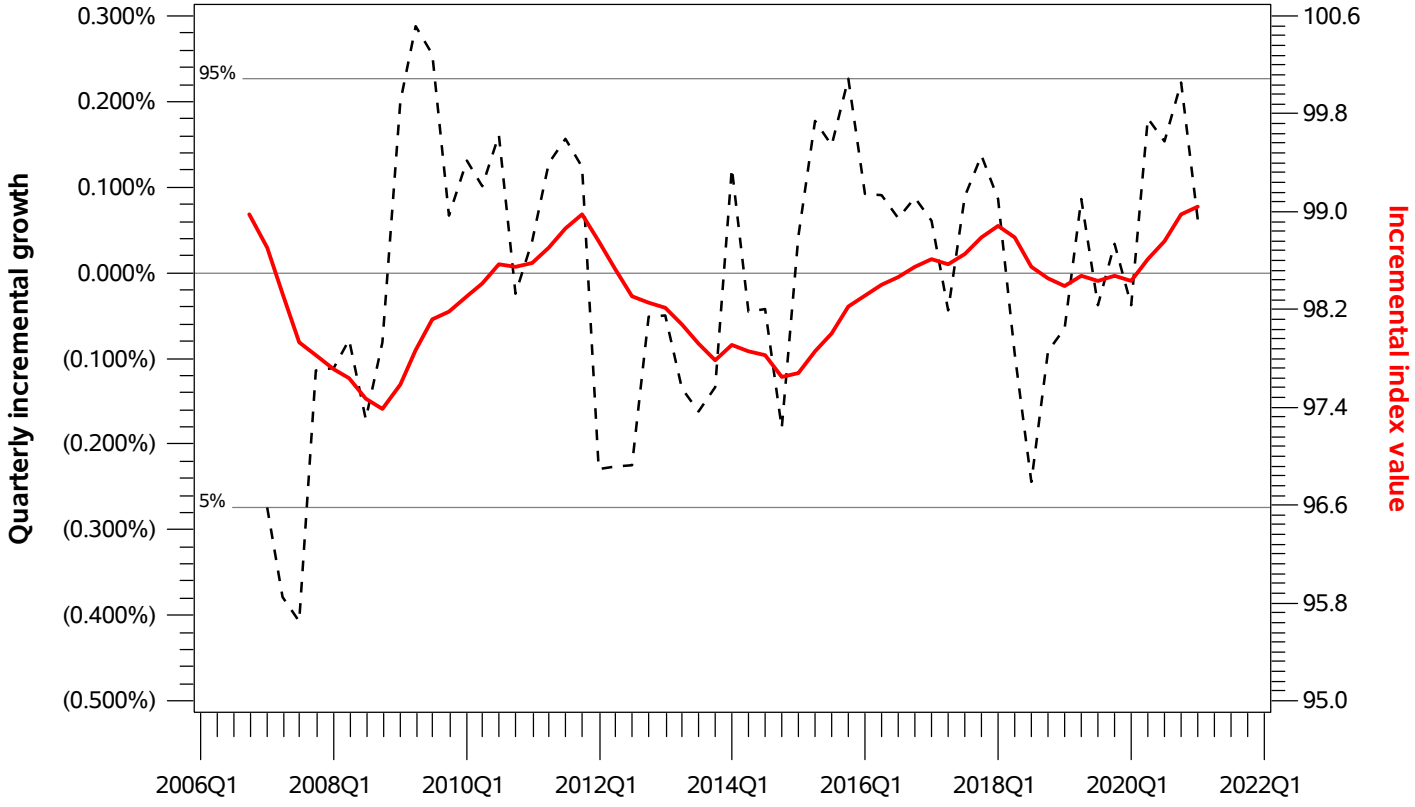


Table 21. ECI: COMP(PRIV) Production, exluding incentive paid incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000510710I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.0248	Z_{Tau}	-3.4055
Prob Z_{Rho}	0.0121	Prob Z_{Tau}	0.0146

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0007	AR(1) coefficient	-0.6799
Standard error	0.0453	Standard error	0.0989
t-statistic	0.0156	t-statistic	-6.8758
Probability t	0.9876	Durbin-Watson	1.7029

Estimated incremental annual growth rate: 0.003%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

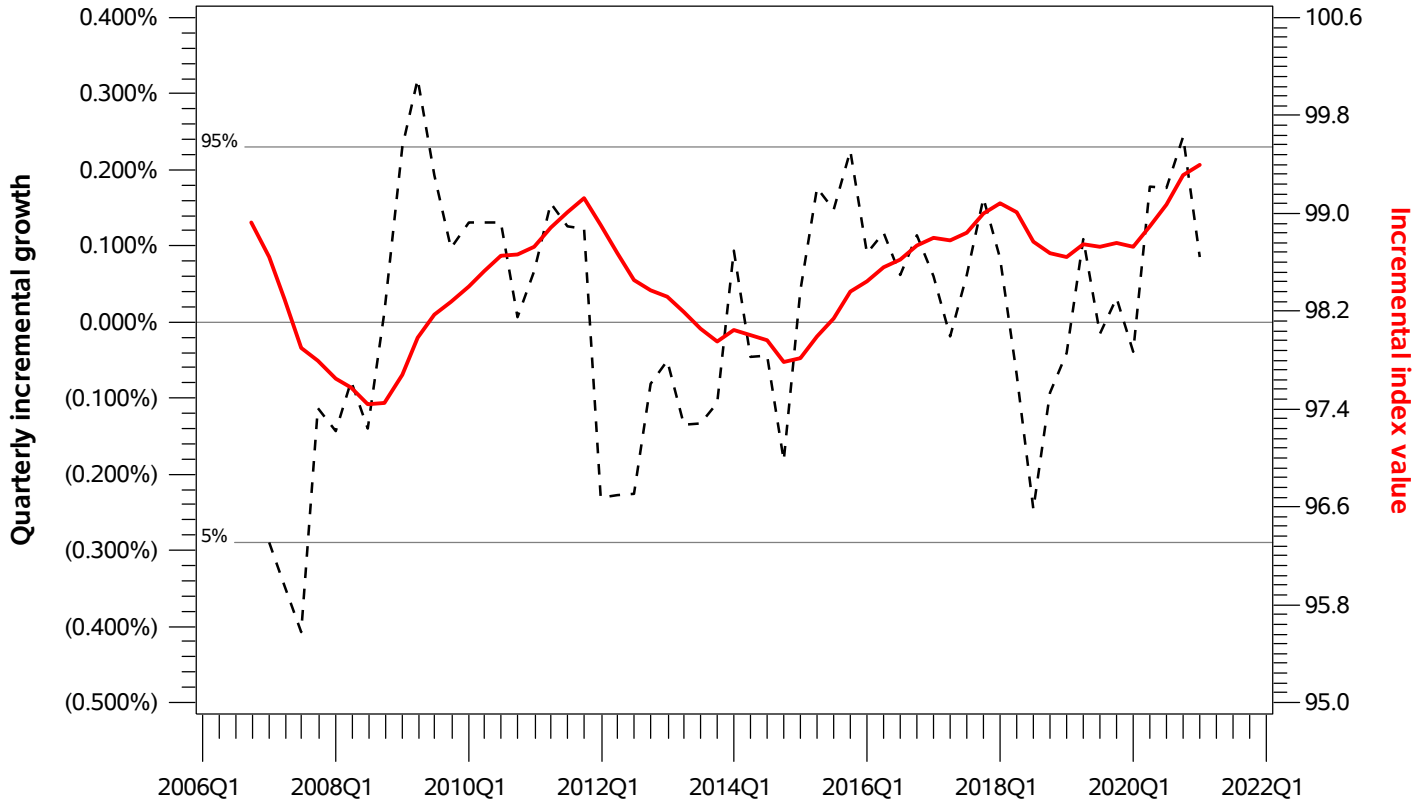


Table 22. ECI: COMP(PRIV) Transportation and material moving incremental growth over ECI: COMP(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2010000520000I and CIU2010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.1291	Z_{Tau}	-4.5870
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0005

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0857	AR(1) coefficient	-0.4433
Standard error	0.0250	Standard error	0.1209
t-statistic	3.4245	t-statistic	-3.6672
Probability t	0.0012	Durbin-Watson	2.0264

Estimated incremental annual growth rate: 0.343%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.343%

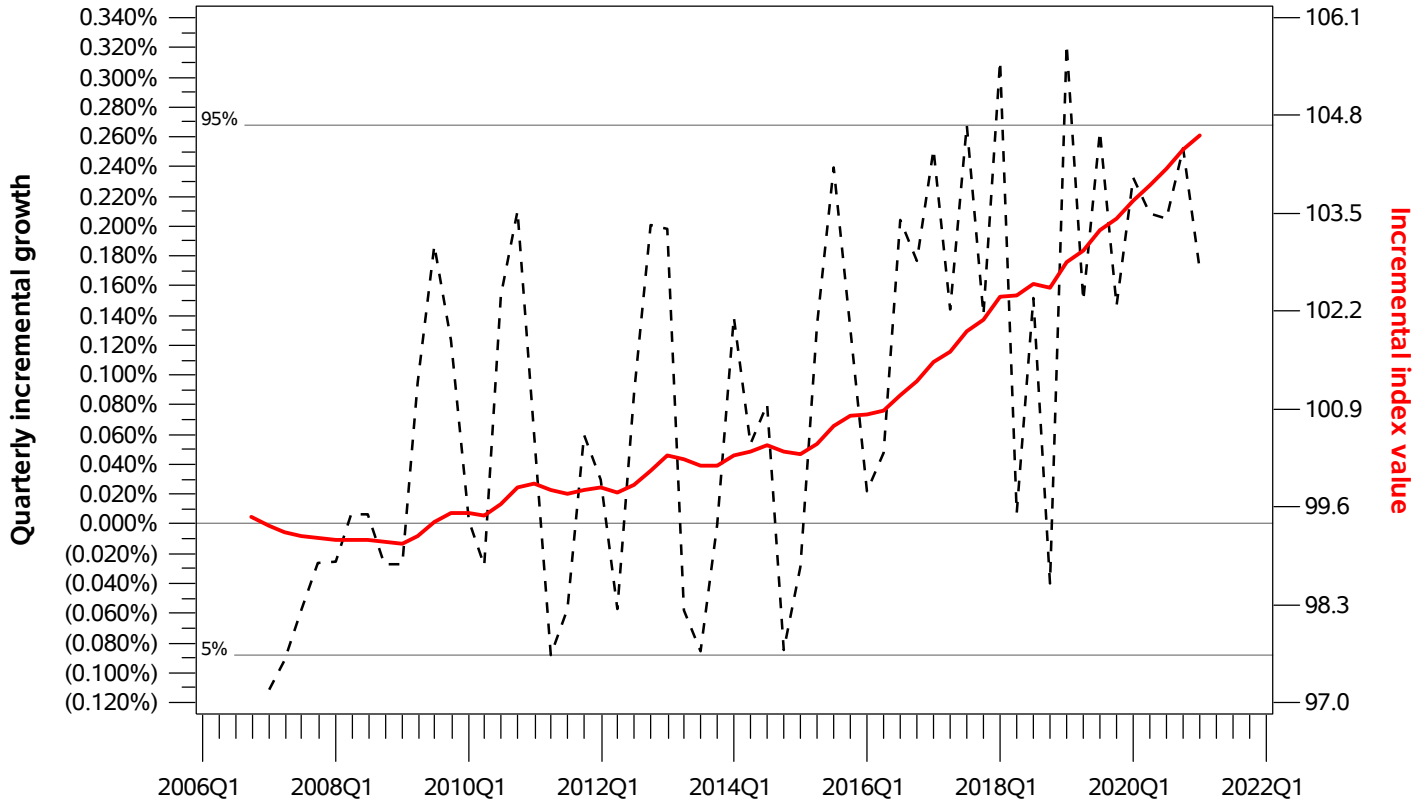


Table 23. ECI: COMP(PRIV) Construction incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU2012300000000I and CIU201G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-14.6577	Z_{Tau}	-2.9262
Prob Z_{Rho}	0.0325	Prob Z_{Tau}	0.0485

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0128	AR(1) coefficient	-0.7582
Standard error	0.0604	Standard error	0.0879
t-statistic	0.2118	t-statistic	-8.6232
Probability t	0.8330	Durbin-Watson	1.6539

Estimated incremental annual growth rate: 0.051%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

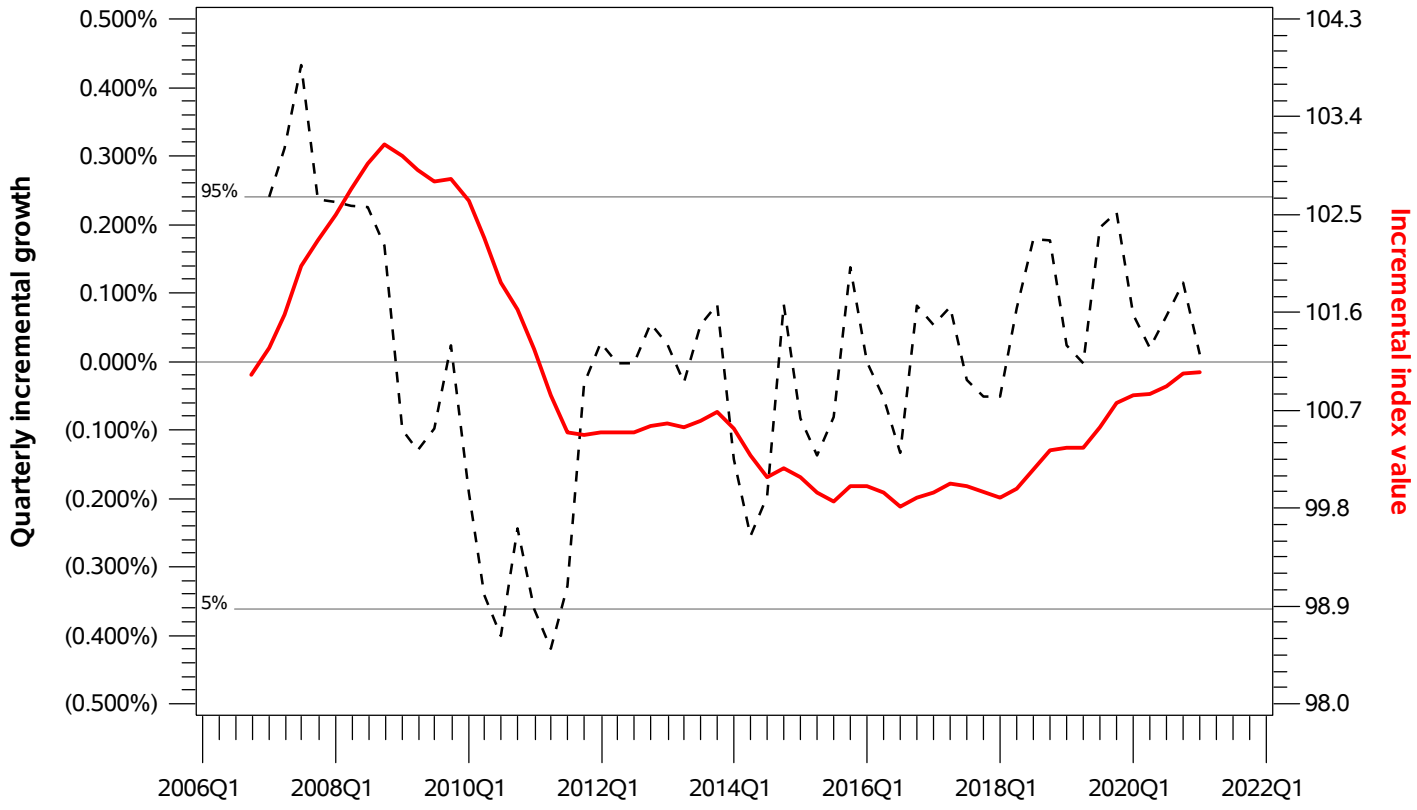


Table 24. ECI: COMP(PRIV) Union, manufacturing incremental growth over ECI: COMP(PRIV) Manufacturing

LABSTAT series identifiers: CIU20130000000510I and CIU20130000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.7289	Z_{Tau}	-3.4271
Prob Z_{Rho}	0.0098	Prob Z_{Tau}	0.0138

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0466	AR(1) coefficient	-0.6617
Standard error	0.1013	Standard error	0.1011
t-statistic	-0.4604	t-statistic	-6.5442
Probability t	0.6470	Durbin-Watson	1.8384

Estimated incremental annual growth rate: (0.186%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

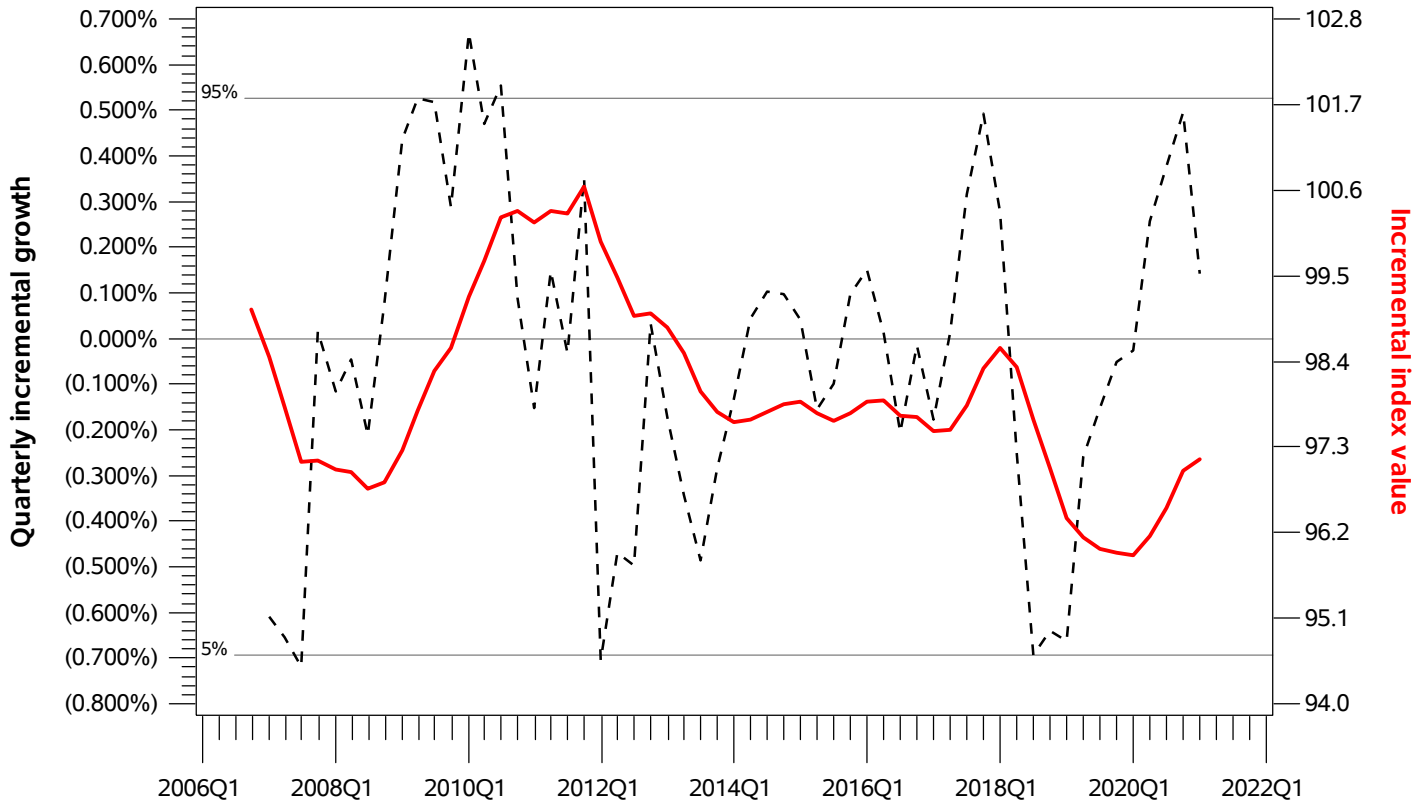


Table 25. ECI: COMP(PRIV) Nonunion, manufacturing incremental growth over ECI: COMP(PRIV) Manufacturing

LABSTAT series identifiers: CIU2013000000520I and CIU2013000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.8903	Z_{Tau}	-3.8739
Prob Z_{Rho}	0.0037	Prob Z_{Tau}	0.0039

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0106	AR(1) coefficient	-0.5723
Standard error	0.0213	Standard error	0.1106
t-statistic	0.4976	t-statistic	-5.1756
Probability t	0.6207	Durbin-Watson	2.0316

Estimated incremental annual growth rate: 0.042%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

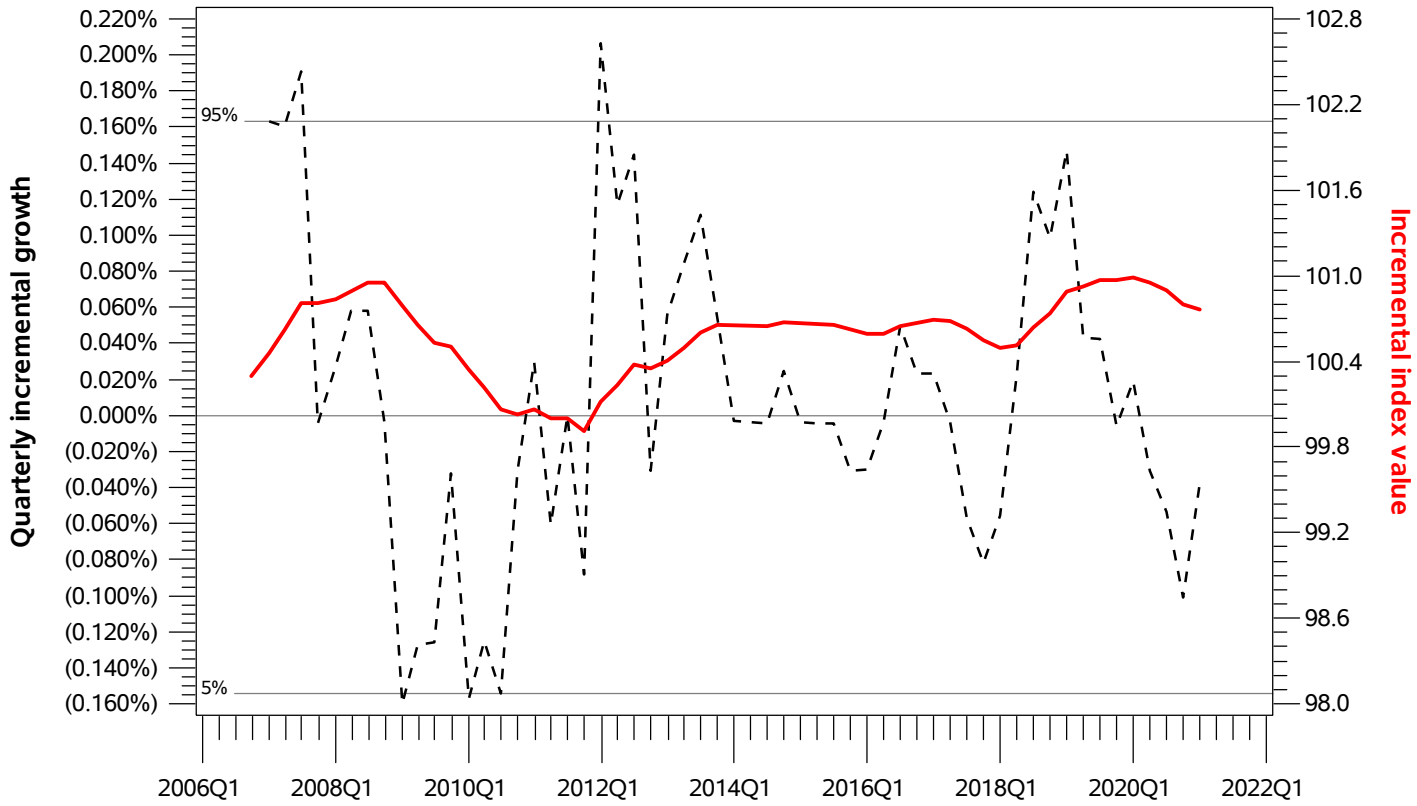


Table 26. ECI: COMP(PRIV) Manufacturing; management, professional, and related occupations incremental growth over ECI: COMP(PRIV) Manufacturing

LABSTAT series identifiers: CIU2013000100000I and CIU2013000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.0115	Z_{Tau}	-3.9782
Prob Z_{Rho}	0.0014	Prob Z_{Tau}	0.0028

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0136	AR(1) coefficient	-0.5411
Standard error	0.0292	Standard error	0.1134
t-statistic	-0.4660	t-statistic	-4.7719
Probability t	0.6431	Durbin-Watson	1.9830

Estimated incremental annual growth rate: (0.054%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

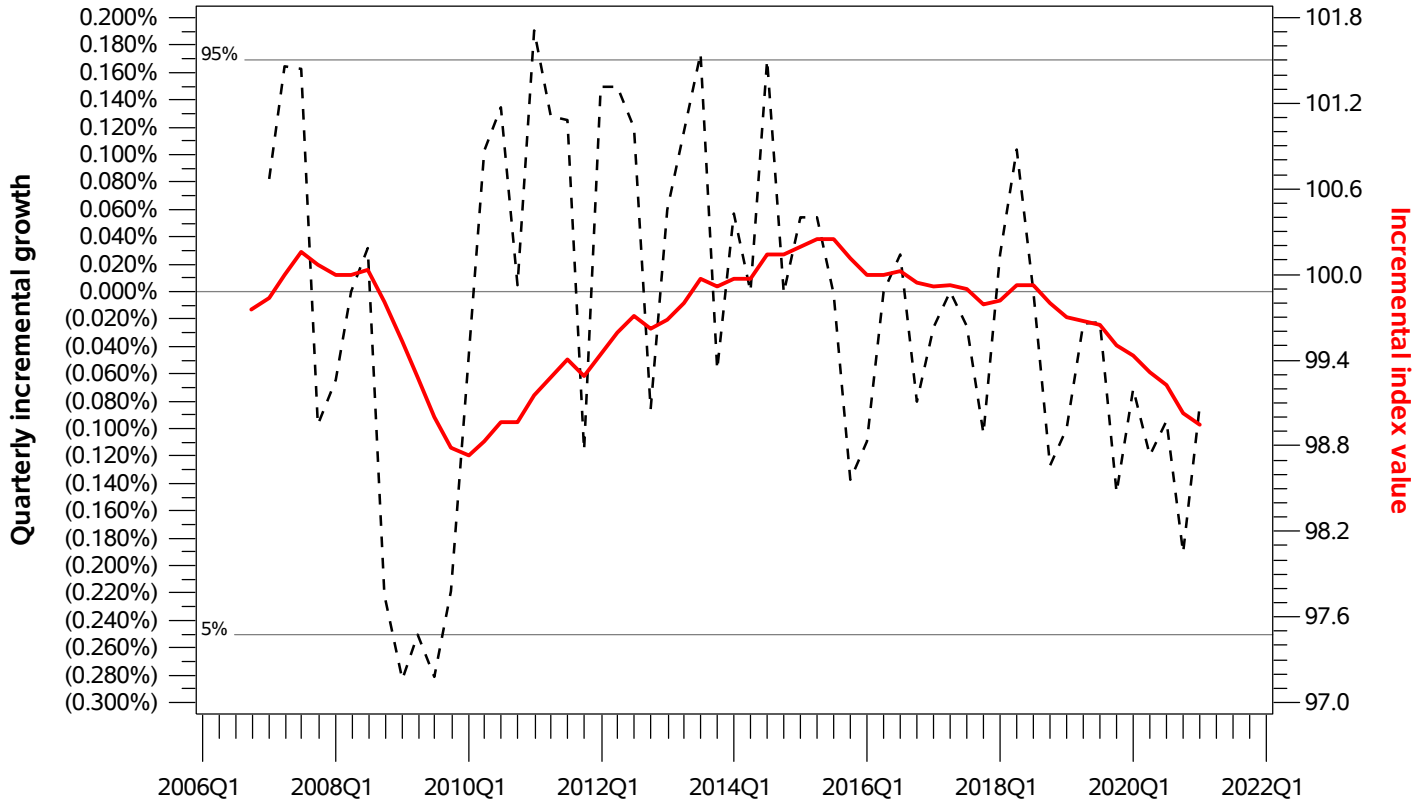


Table 27. ECI: COMP(PRIV) Manufacturing, sales and office occupations incremental growth over ECI: COMP(PRIV) Manufacturing

LABSTAT series identifiers: CIU2013000200000I and CIU2013000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-26.8938	Z_{Tau}	-4.1048
Prob Z_{Rho}	0.0007	Prob Z_{Tau}	0.0019

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0241	AR(1) coefficient	-0.5061
Standard error	0.0476	Standard error	0.1163
t-statistic	0.5056	t-statistic	-4.3514
Probability t	0.6151	Durbin-Watson	2.0020

Estimated incremental annual growth rate: 0.096%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

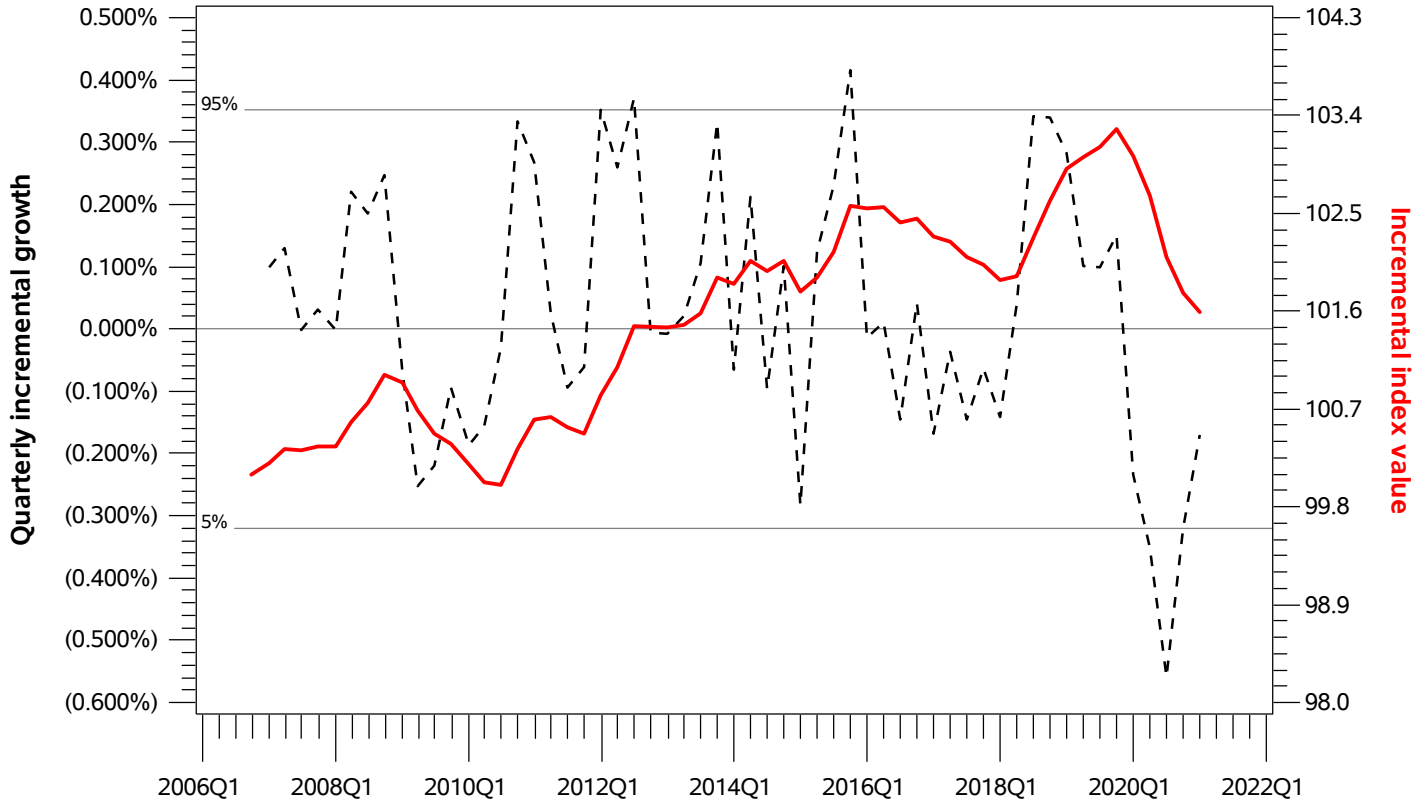


Table 28. ECI: COMP(PRIV) Manufacturing; natural resources, construction, and maintenance incremental growth over ECI: COMP(PRIV) Manufacturing

LABSTAT series identifiers: CIU2013000400000I and CIU2013000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.0533	Z_{Tau}	-4.4884
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0006

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0047	AR(1) coefficient	-0.4827
Standard error	0.0343	Standard error	0.1181
t-statistic	0.1370	t-statistic	-4.0878
Probability t	0.8915	Durbin-Watson	1.7207

Estimated incremental annual growth rate: 0.019%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

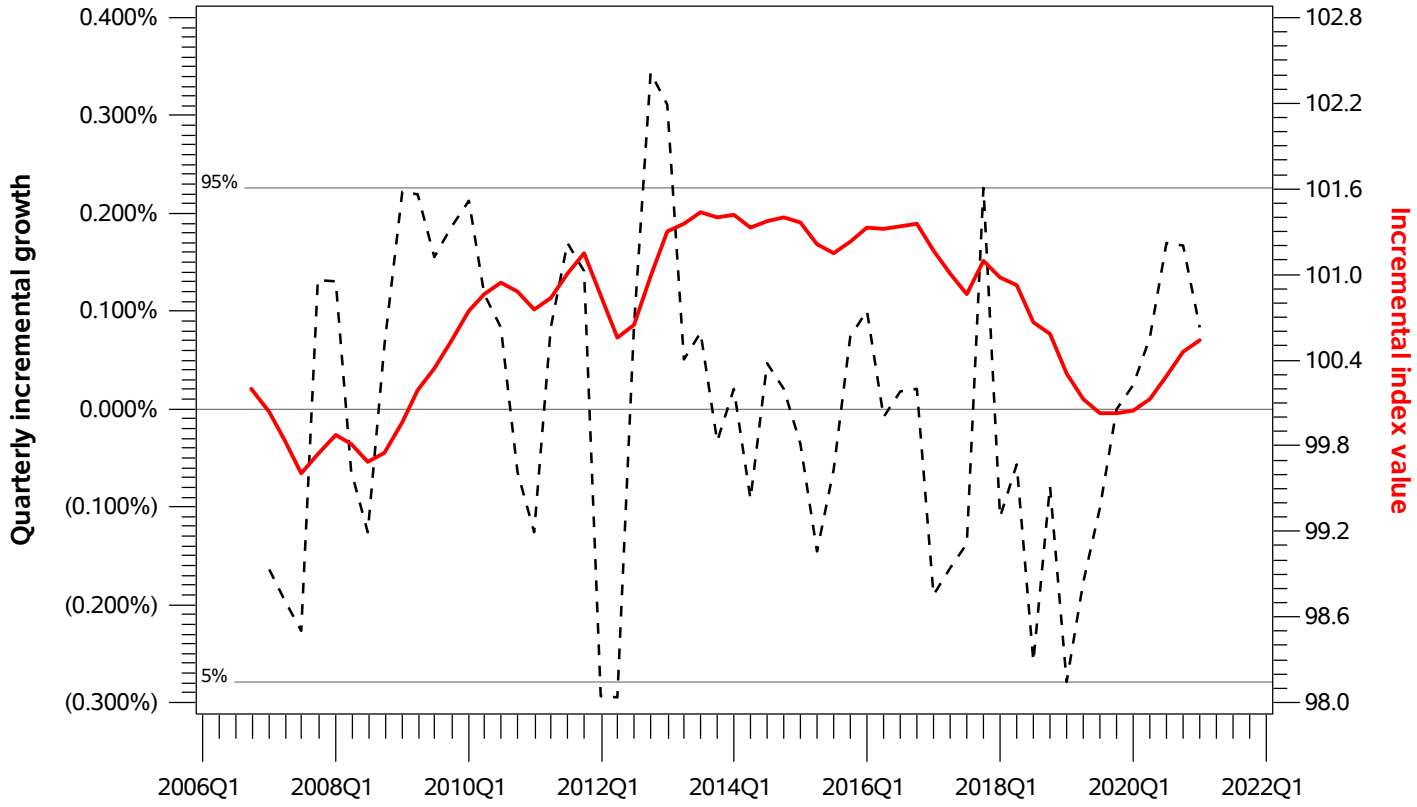


Table 29. ECI: COMP(PRIV) Manufacturing; production, transportation, and material moving incremental growth over ECI: COMP(PRIV) Manufacturing

LABSTAT series identifiers: CIU2013000500000I and CIU2013000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-16.3103	Z_{Tau}	-3.0454
Prob Z_{Rho}	0.0201	Prob Z_{Tau}	0.0366

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0032	AR(1) coefficient	-0.6847
Standard error	0.0278	Standard error	0.0983
t-statistic	0.1157	t-statistic	-6.9666
Probability t	0.9083	Durbin-Watson	2.0208

Estimated incremental annual growth rate: 0.013%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

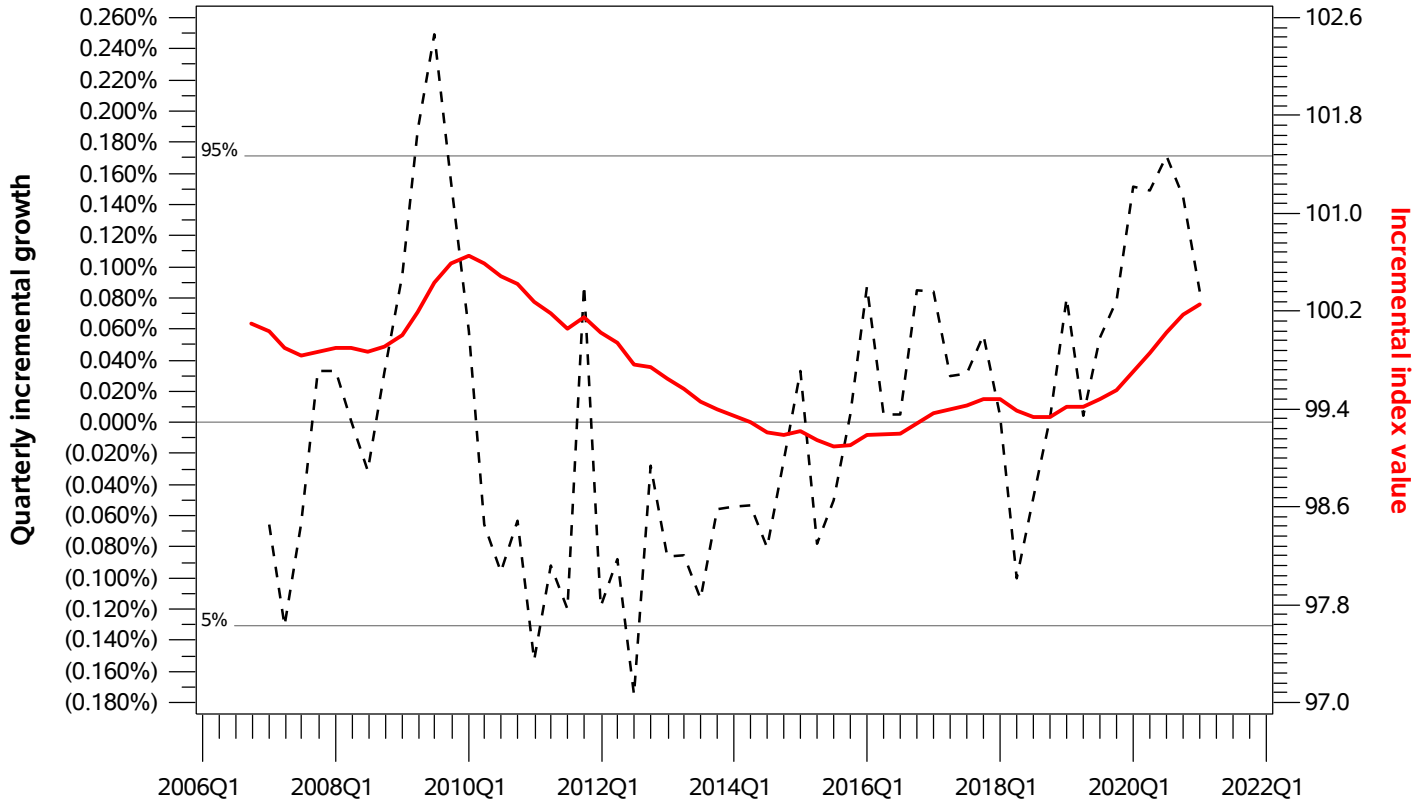


Table 30. ECI: COMP(PRIV) Aircraft manufacturing incremental growth over ECI: COMP(PRIV) Manufacturing

LABSTAT series identifiers: CIU2013211000000I and CIU2013000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.3292	Z_{Tau}	-3.5805
Prob Z_{Rho}	0.0032	Prob Z_{Tau}	0.0090

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.1026	AR(1) coefficient	-0.6840
Standard error	0.4286	Standard error	0.0984
t-statistic	-0.2394	t-statistic	-6.9543
Probability t	0.8117	Durbin-Watson	1.2889

Estimated incremental annual growth rate: (0.410%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

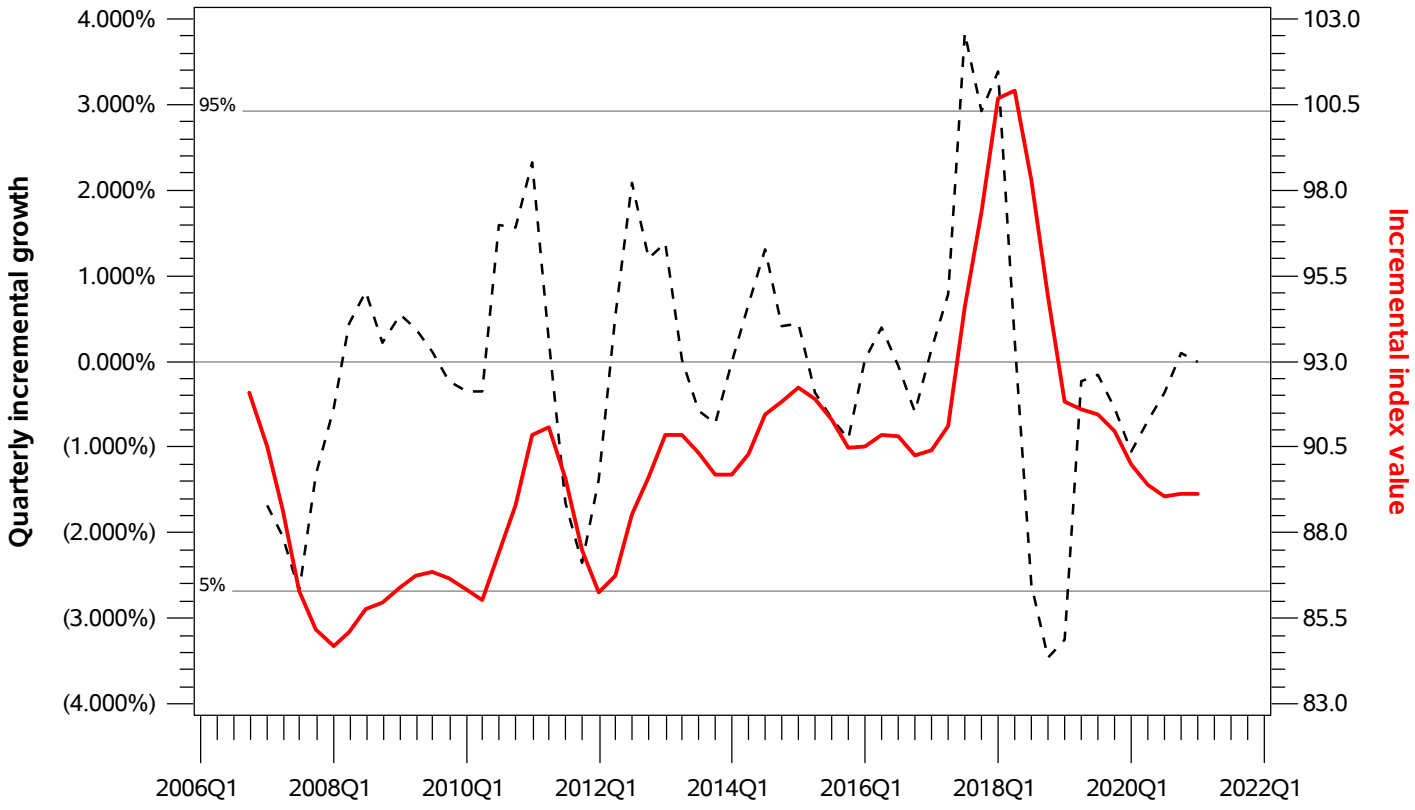


Table 31. ECI: COMP(PRIV) Trade, transportation, and utilities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2014000000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.5311	Z_{Tau}	-4.4094
Prob Z_{Rho}	0.0016	Prob Z_{Tau}	0.0008

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0303	AR(1) coefficient	-0.5177
Standard error	0.0281	Standard error	0.1154
t-statistic	1.0797	t-statistic	-4.4869
Probability t	0.2850	Durbin-Watson	1.9633

Estimated incremental annual growth rate: 0.121%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

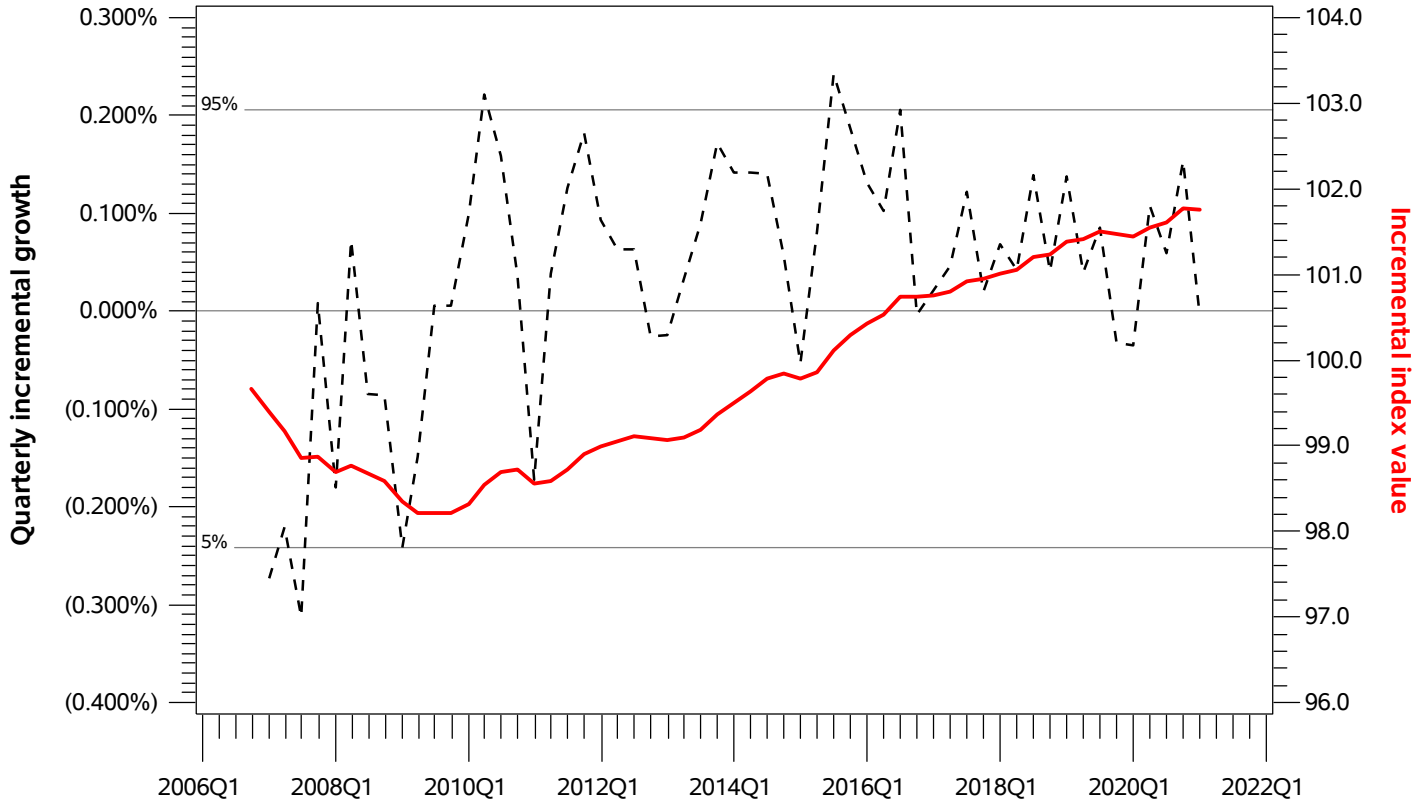


Table 32. ECI: COMP(PRIV) Trade, transportation, and utilities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2014000000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.2149	Z_{Tau}	-4.1948
Prob Z_{Rho}	0.0013	Prob Z_{Tau}	0.0015

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0383	AR(1) coefficient	-0.5534
Standard error	0.0284	Standard error	0.1123
t-statistic	1.3504	t-statistic	-4.9277
Probability t	0.1824	Durbin-Watson	1.7252

Estimated incremental annual growth rate: 0.153%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

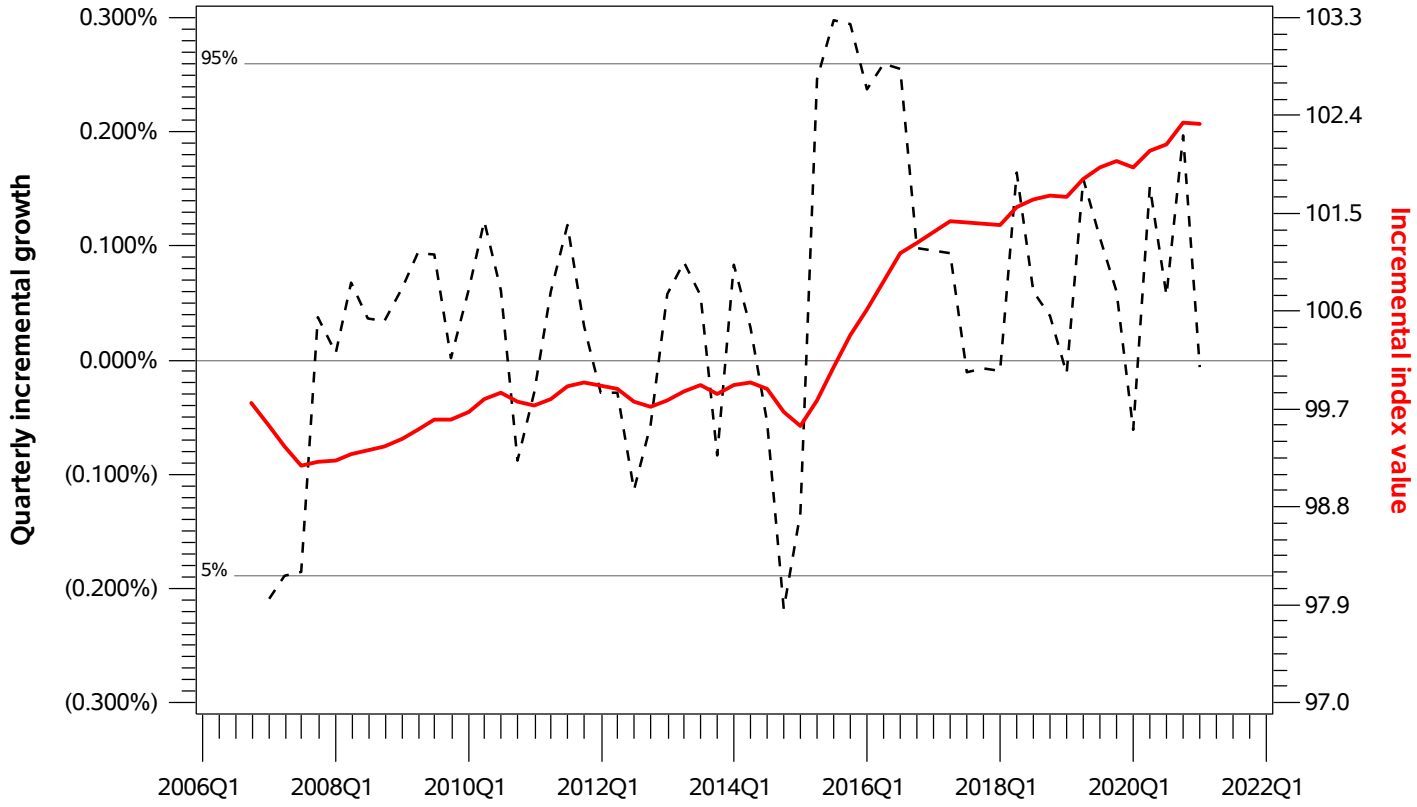


Table 33. ECI: COMP(PRIV) Wholesale trade incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2014110000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.7286	Z_{Tau}	-3.8299
Prob Z_{Rho}	0.0021	Prob Z_{Tau}	0.0044

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0452	AR(1) coefficient	-0.5581
Standard error	0.0650	Standard error	0.1119
t-statistic	-0.6957	t-statistic	-4.9881
Probability t	0.4895	Durbin-Watson	2.0785

Estimated incremental annual growth rate: (0.181%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

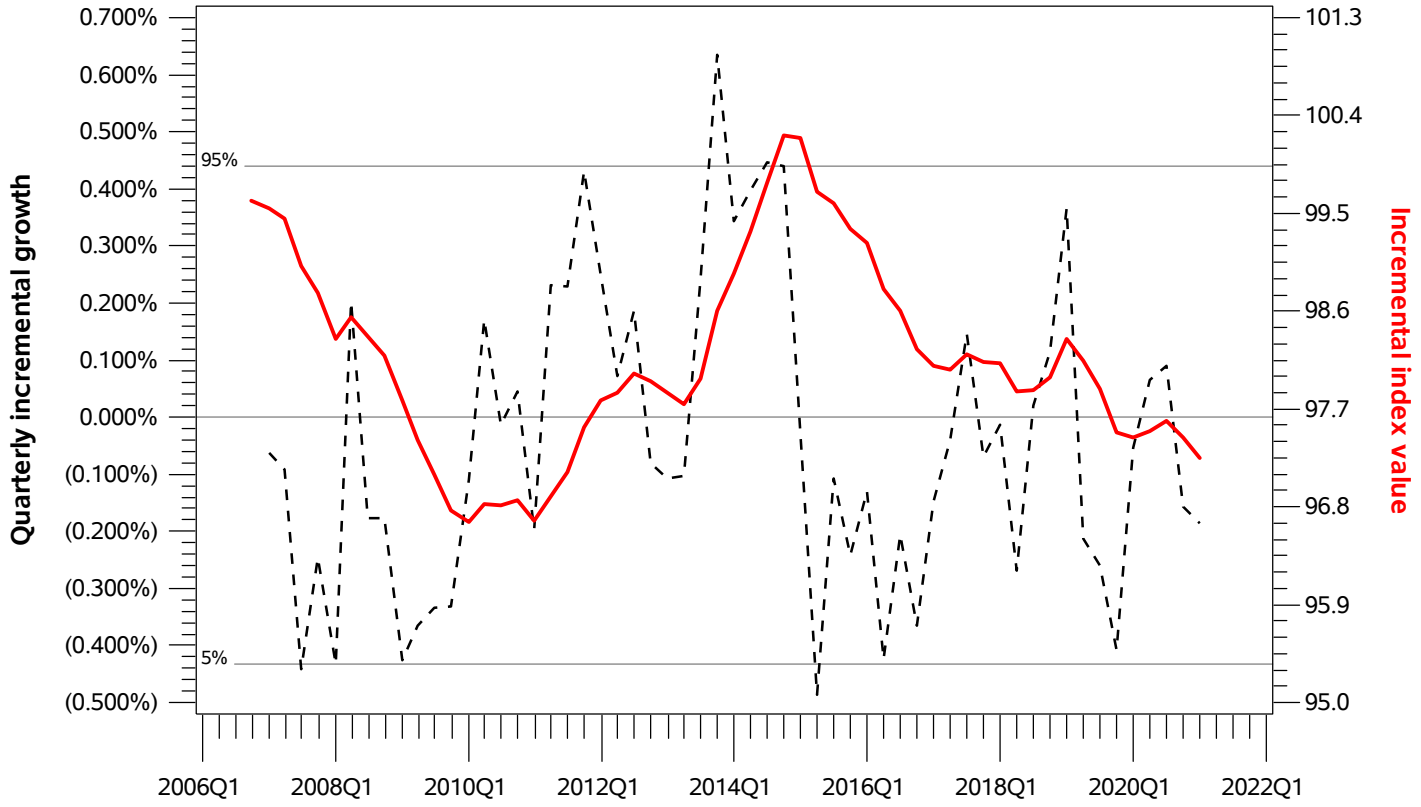


Table 34. ECI: COMP(PRIV) Wholesale trade, excluding incentive paid occupations incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2014110000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.1885	Z_{Tau}	-4.2671
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0012

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0030	AR(1) coefficient	-0.5395
Standard error	0.0356	Standard error	0.1135
t-statistic	-0.0829	t-statistic	-4.7514
Probability t	0.9342	Durbin-Watson	1.3951

Estimated incremental annual growth rate: (0.012%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

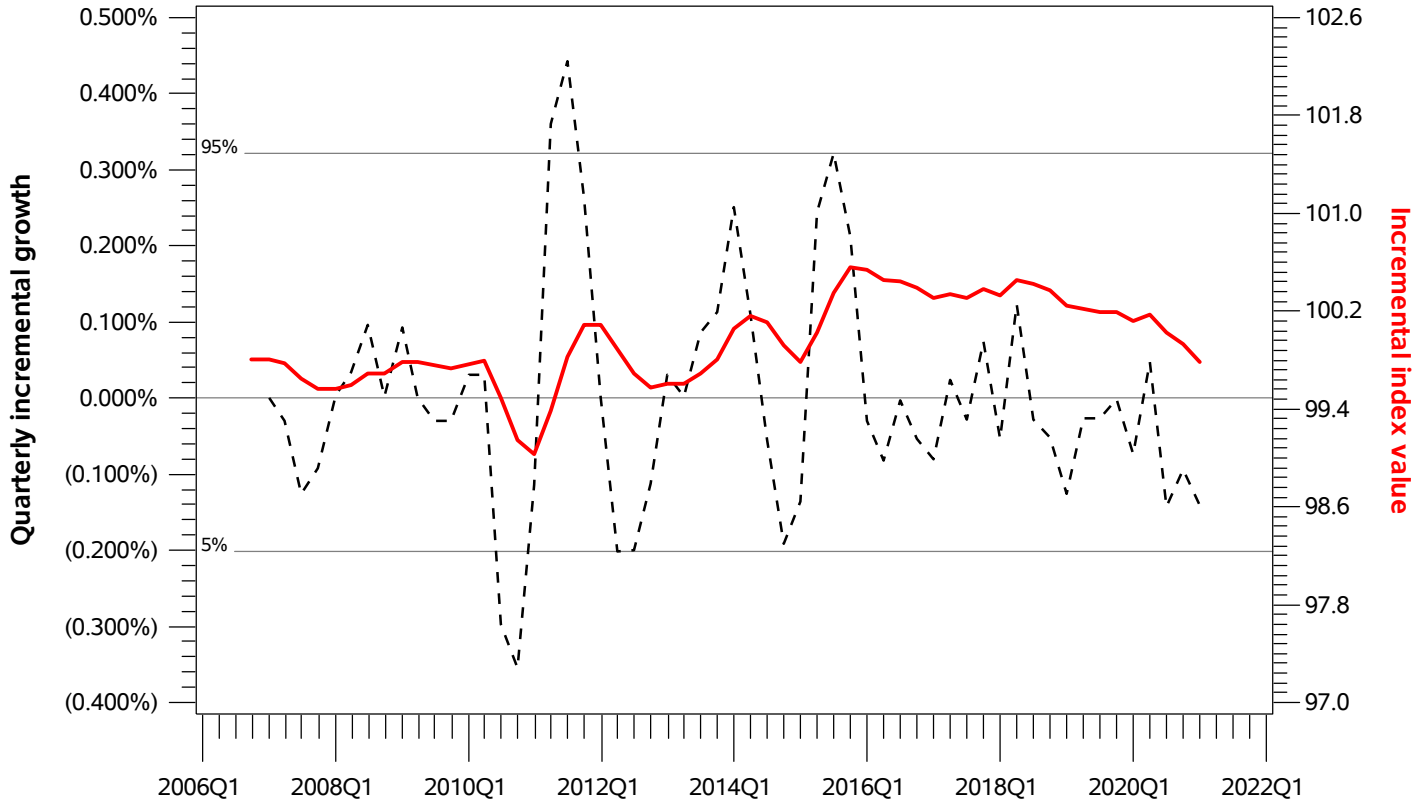


Table 35. ECI: COMP(PRIV) Retail trade incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2014120000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.5062	Z_{Tau}	-3.7147
Prob Z_{Rho}	0.0042	Prob Z_{Tau}	0.0062

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0523	AR(1) coefficient	-0.6057
Standard error	0.0492	Standard error	0.1073
t-statistic	1.0640	t-statistic	-5.6450
Probability t	0.2920	Durbin-Watson	1.9622

Estimated incremental annual growth rate: 0.209%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

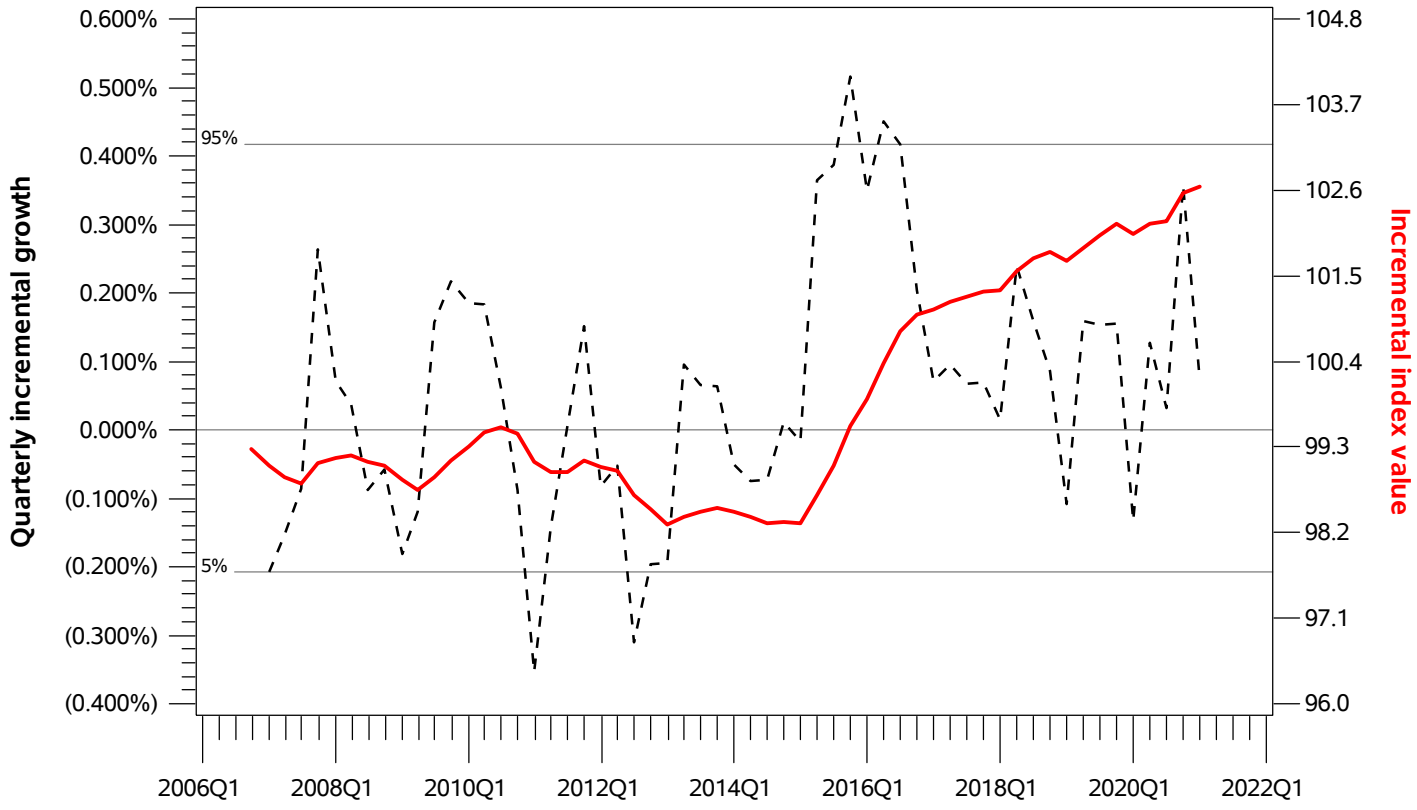


Table 36. ECI: COMP(PRIV) Retail trade, excluding incentive paid occupations incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2014120000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-14.3340	Z_{Tau}	-2.8533
Prob Z_{Rho}	0.0357	Prob Z_{Tau}	0.0573

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0419	AR(1) coefficient	-0.7390
Standard error	0.0620	Standard error	0.0908
t-statistic	0.6756	t-statistic	-8.1349
Probability t	0.5021	Durbin-Watson	1.9442

Estimated incremental annual growth rate: 0.168%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

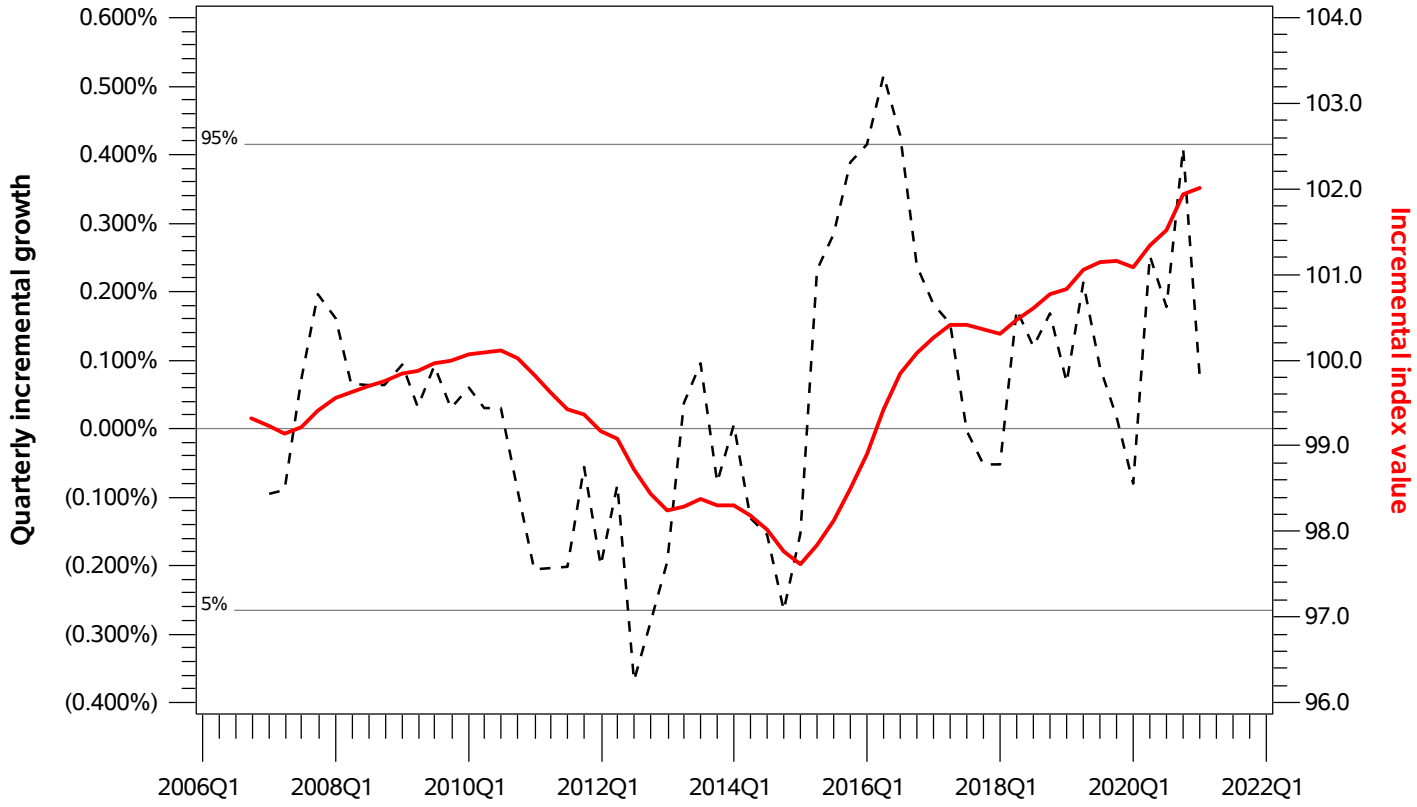


Table 37. ECI: COMP(PRIV) Transportation and warehousing incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2014300000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.9093	Z_{Tau}	-4.2860
Prob Z_{Rho}	0.0010	Prob Z_{Tau}	0.0011

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0998	AR(1) coefficient	-0.4784
Standard error	0.0378	Standard error	0.1184
t-statistic	2.6434	t-statistic	-4.0406
Probability t	0.0107	Durbin-Watson	2.2533

Estimated incremental annual growth rate: 0.400%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.400%

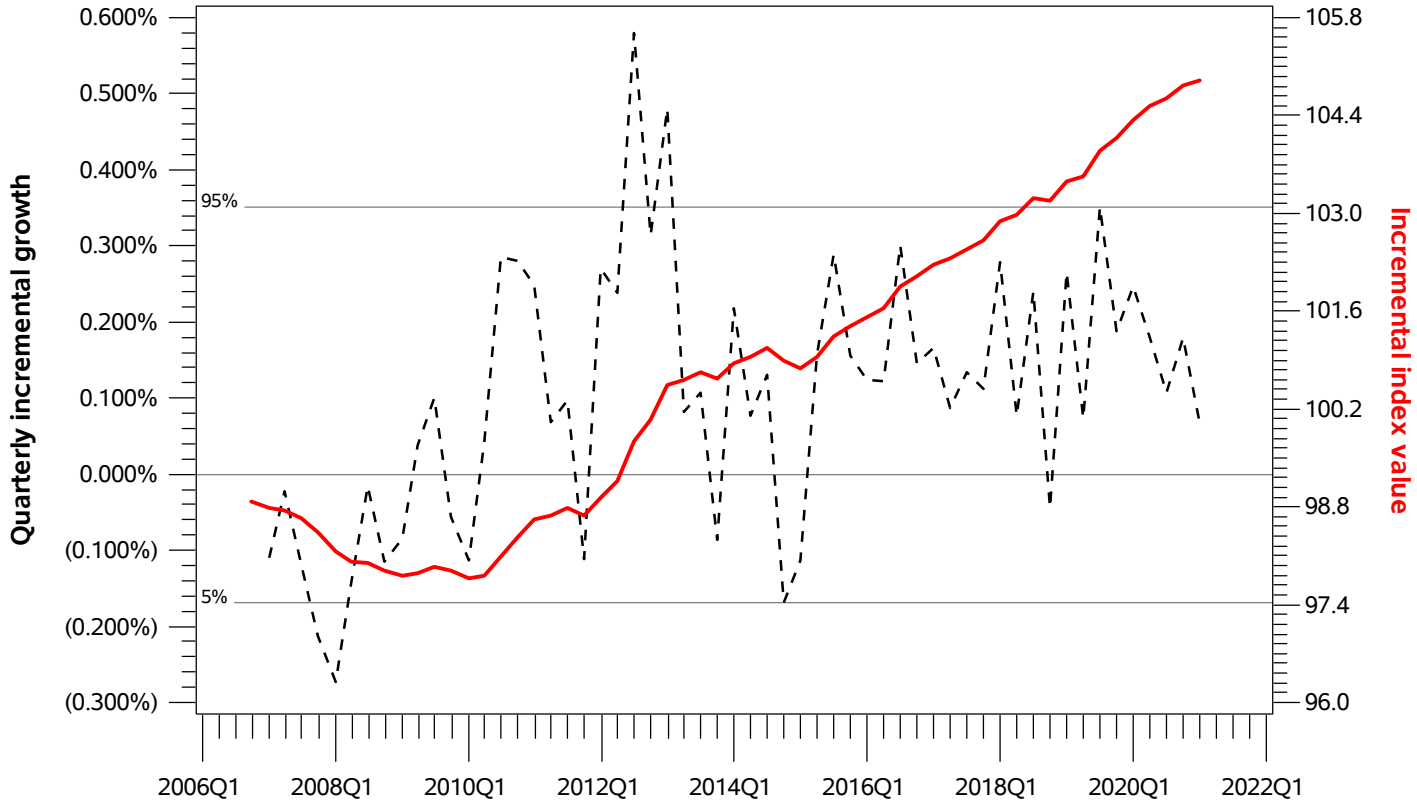


Table 38. ECI: COMP(PRIV) Utilities incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU20144000000000I and CIU201G0000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.6318	Z_{Tau}	-4.8498
Prob Z_{Rho}	0.0101	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0253	AR(1) coefficient	-0.6348
Standard error	0.1581	Standard error	0.1042
t-statistic	-0.1602	t-statistic	-6.0923
Probability t	0.8733	Durbin-Watson	1.4730

Estimated incremental annual growth rate: (0.101%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

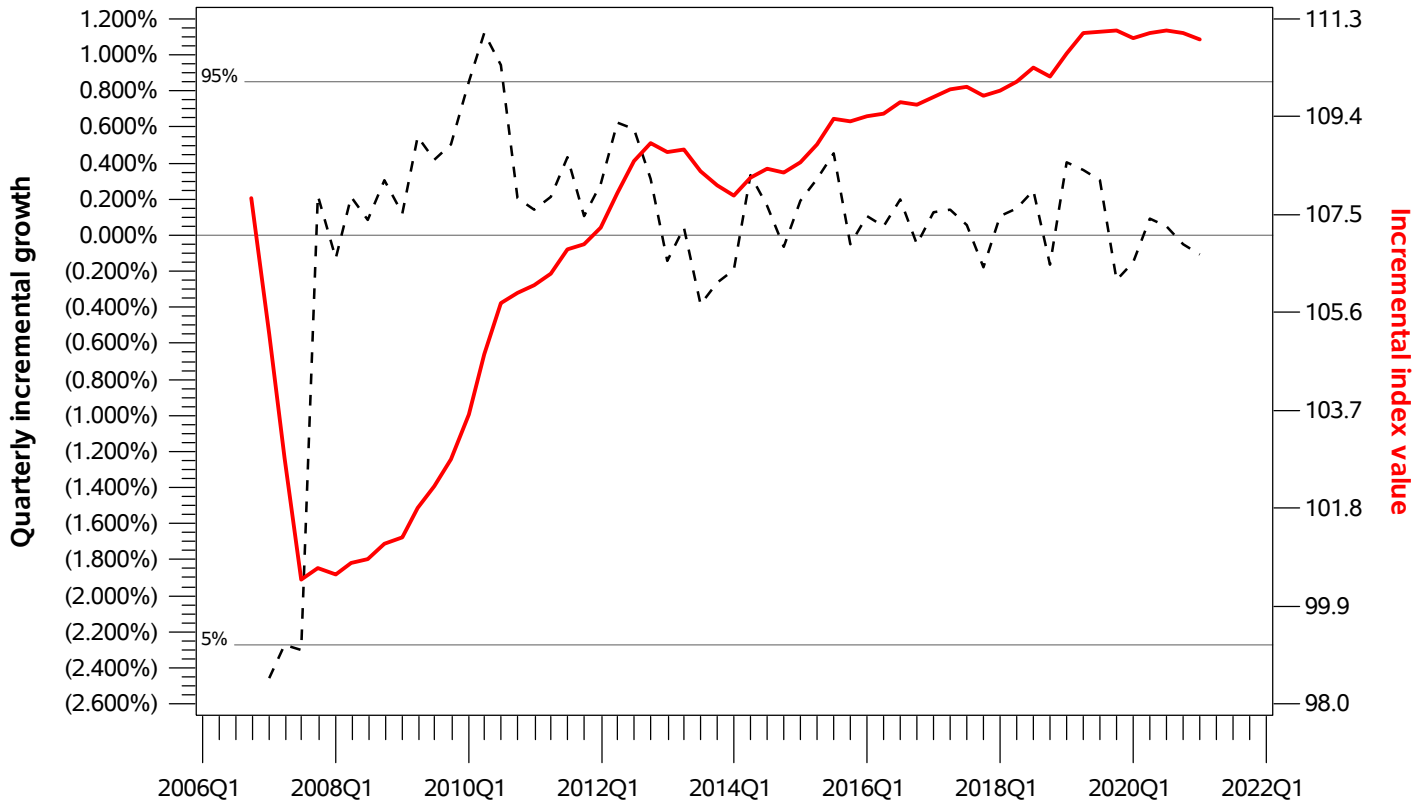


Table 39. ECI: COMP(PRIV) Information incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20151000000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.6370	Z_{Tau}	-3.8408
Prob Z_{Rho}	0.0011	Prob Z_{Tau}	0.0043

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0310	AR(1) coefficient	-0.6212
Standard error	0.1145	Standard error	0.1057
t-statistic	-0.2711	t-statistic	-5.8781
Probability t	0.7873	Durbin-Watson	1.4828

Estimated incremental annual growth rate: (0.124%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

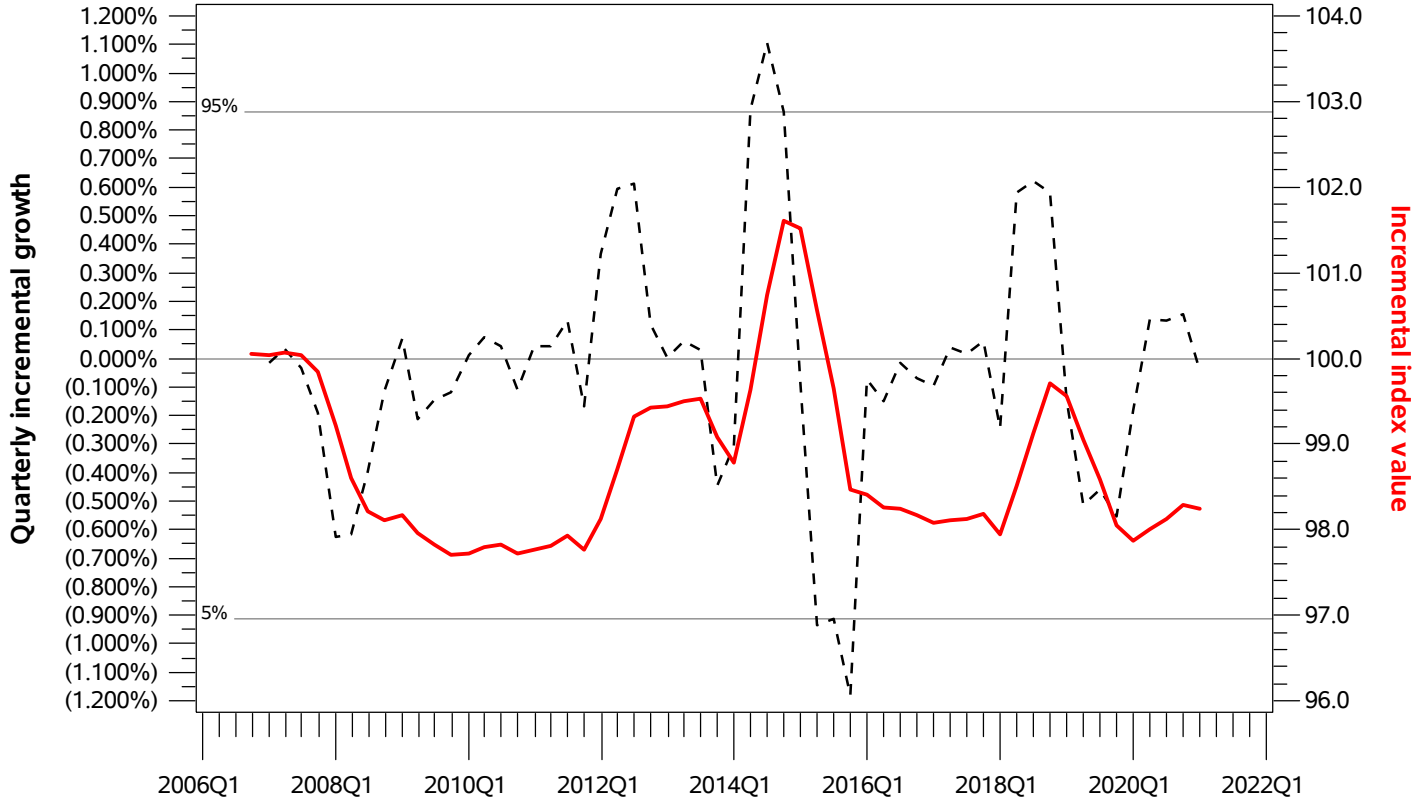


Table 40. ECI: COMP(PRIV) Finance and insurance incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015200000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-32.0200	Z_{Tau}	-4.5298
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0005

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0038	AR(1) coefficient	-0.4579
Standard error	0.0474	Standard error	0.1199
t-statistic	0.0794	t-statistic	-3.8194
Probability t	0.9370	Durbin-Watson	1.7904

Estimated incremental annual growth rate: 0.015%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

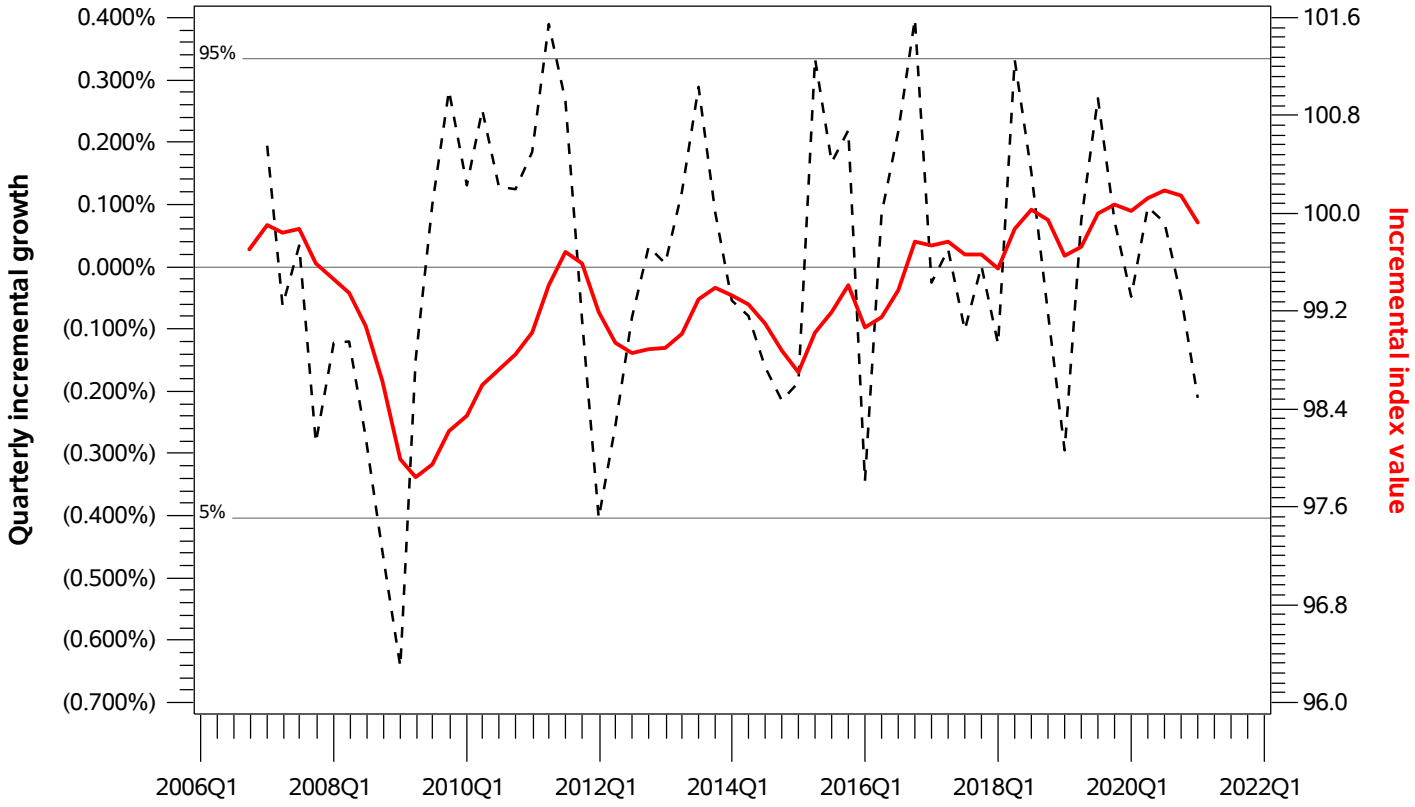


Table 41. ECI: COMP(PRIV) Financial activities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201520A000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-32.6837	Z_{Tau}	-4.6113
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0004

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0053	AR(1) coefficient	-0.4496
Standard error	0.0410	Standard error	0.1204
t-statistic	0.1301	t-statistic	-3.7331
Probability t	0.8969	Durbin-Watson	1.7679

Estimated incremental annual growth rate: 0.021%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

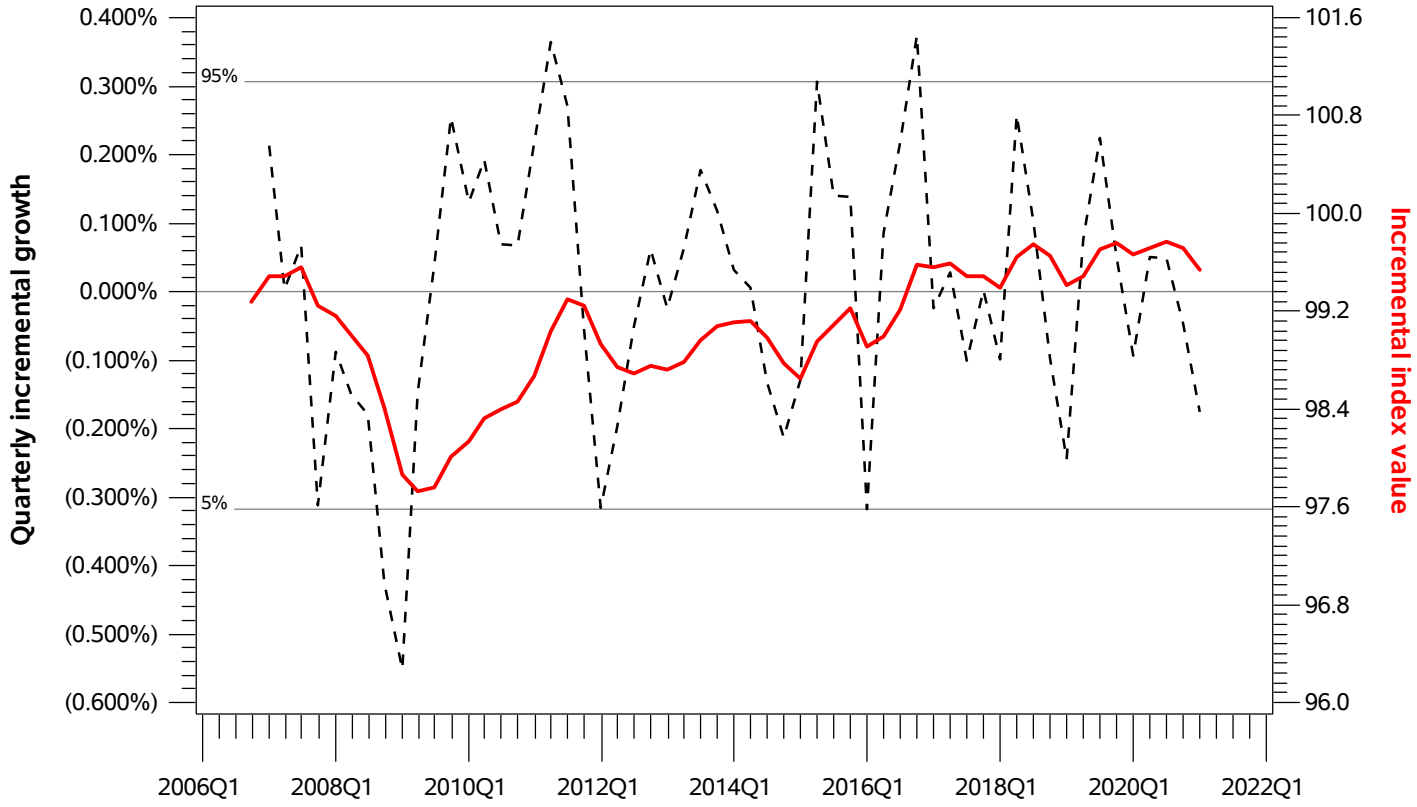


Table 42. ECI: COMP(PRIV) Financial activities, excluding incentive paid occupations incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201520A000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-37.9865	Z_{Tau}	-4.9972
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0033	AR(1) coefficient	-0.4015
Standard error	0.0278	Standard error	0.1235
t-statistic	0.1181	t-statistic	-3.2510
Probability t	0.9064	Durbin-Watson	1.5472

Estimated incremental annual growth rate: 0.013%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

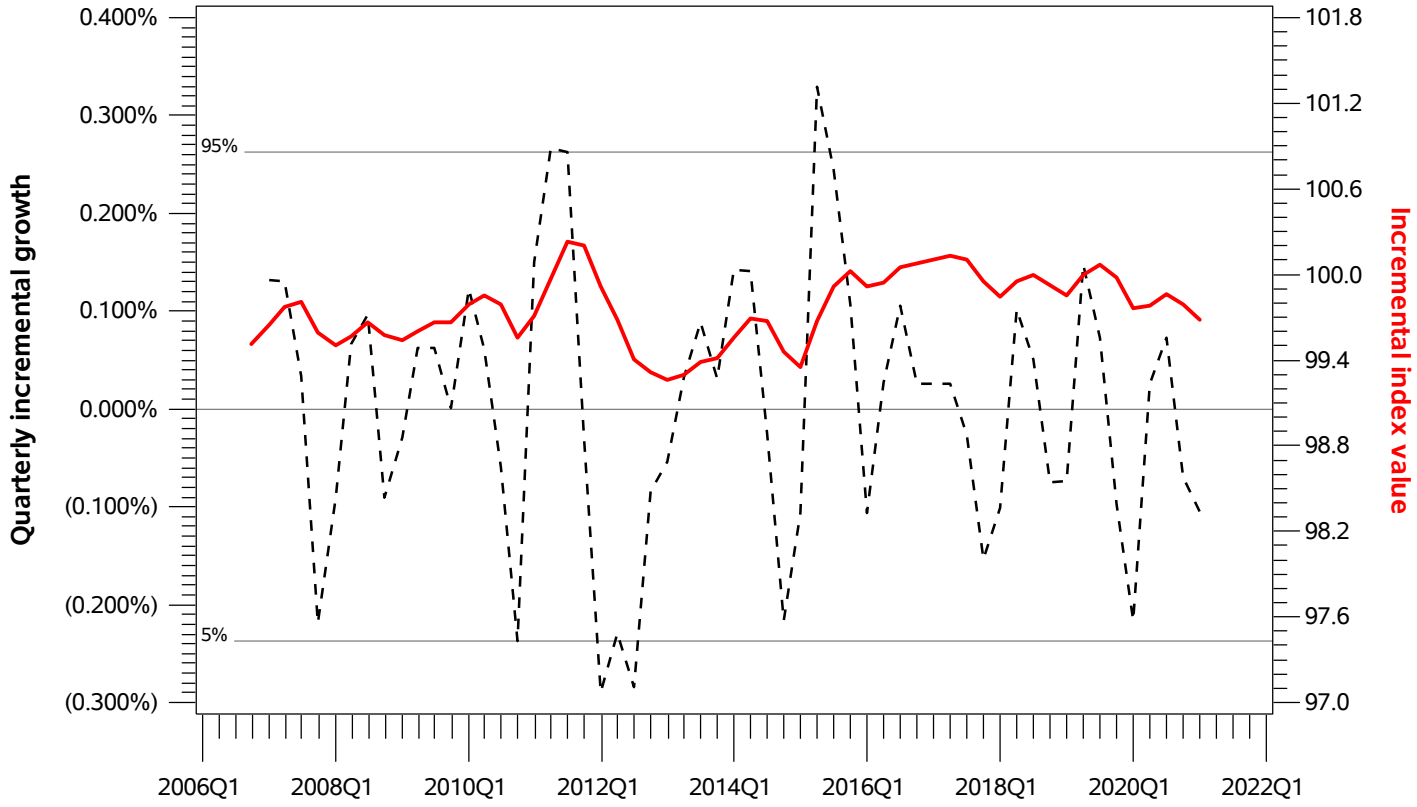


Table 43. ECI: COMP(PRIV) Credit intermediation and related activities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015220000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.4236	Z_{Tau}	-4.3454
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0009

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0026	AR(1) coefficient	-0.4976
Standard error	0.0543	Standard error	0.1170
t-statistic	-0.0473	t-statistic	-4.2544
Probability t	0.9624	Durbin-Watson	1.8009

Estimated incremental annual growth rate: (0.010%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

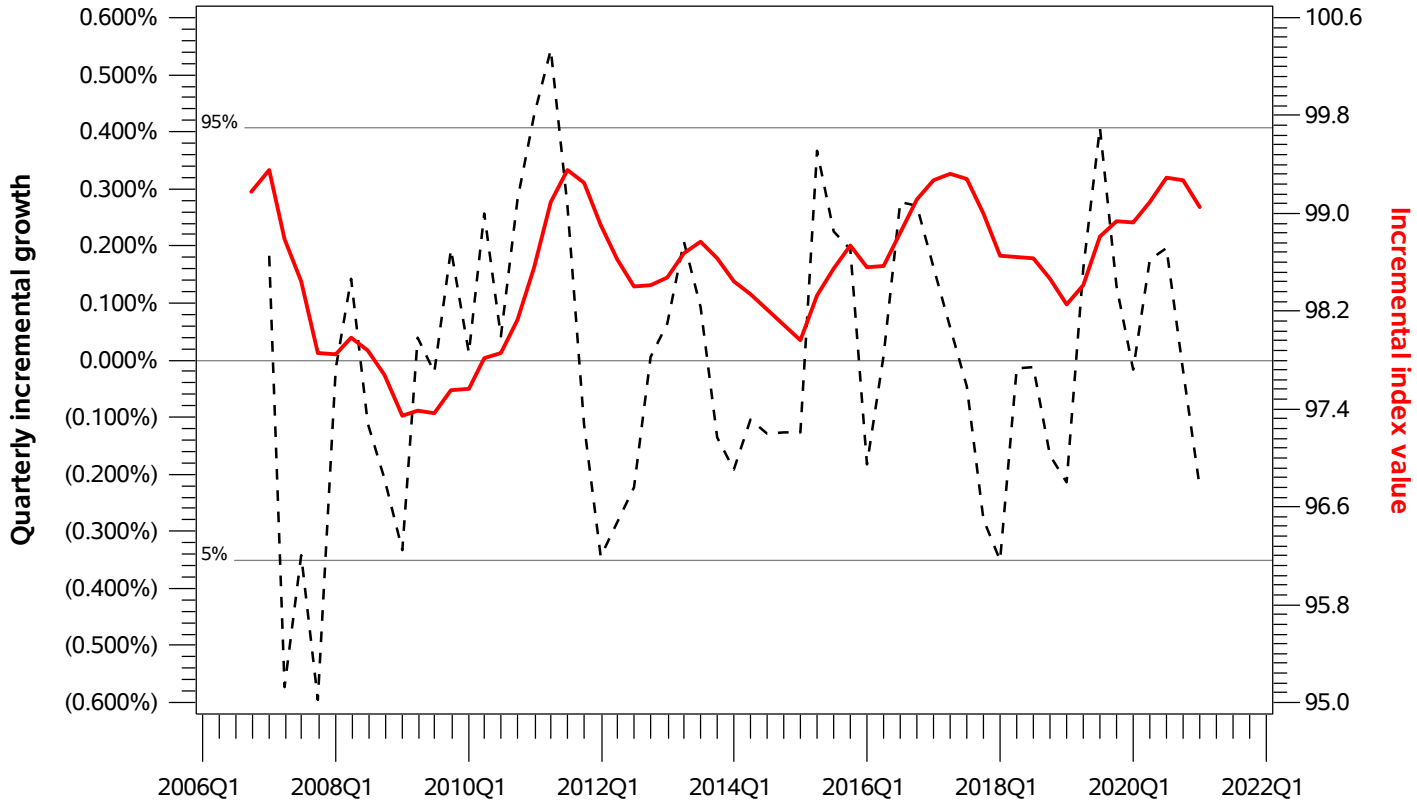


Table 44. ECI: COMP(PRIV) Credit intermediation and related, excluding incentive paid incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015220000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-33.1084	Z_{Tau}	-4.3893
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0008

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0241	AR(1) coefficient	-0.4591
Standard error	0.0378	Standard error	0.1198
t-statistic	0.6380	t-statistic	-3.8323
Probability t	0.5261	Durbin-Watson	1.5356

Estimated incremental annual growth rate: 0.097%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

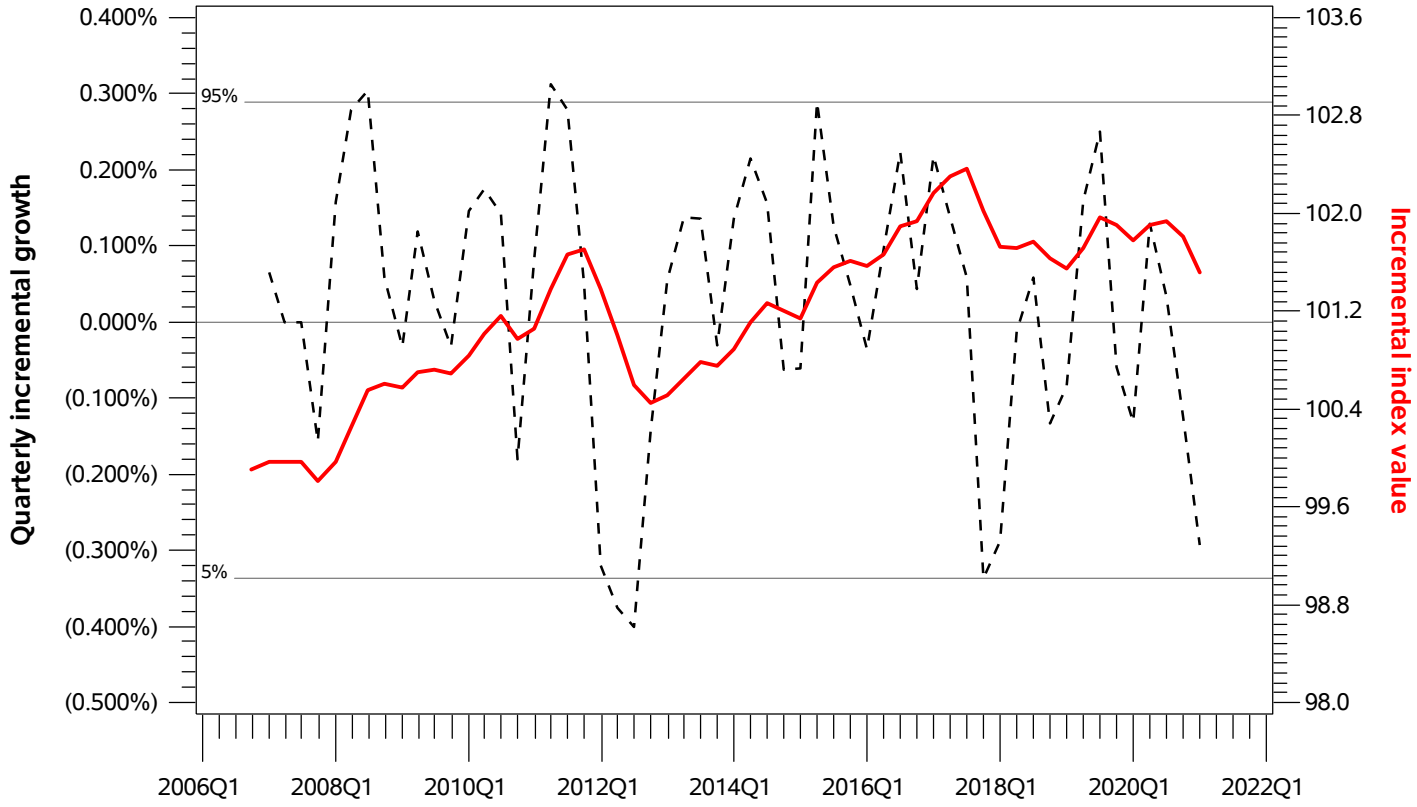


Table 45. ECI: COMP(PRIV) Insurance carriers and related activities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015240000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-37.1524	Z_{Tau}	-4.9793
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0216	AR(1) coefficient	-0.3747
Standard error	0.0427	Standard error	0.1250
t-statistic	0.5045	t-statistic	-2.9974
Probability t	0.6159	Durbin-Watson	1.7691

Estimated incremental annual growth rate: 0.086%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

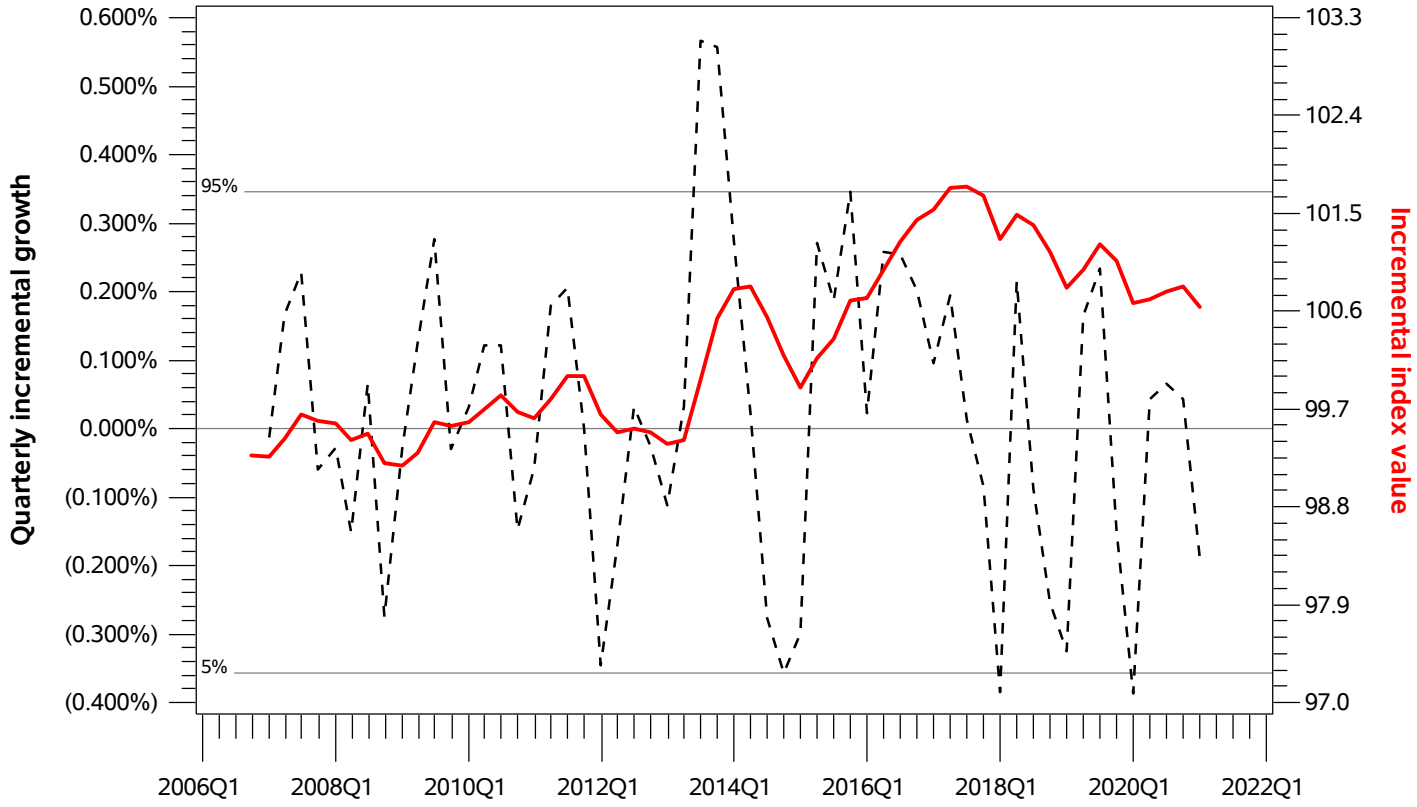


Table 46. ECI: COMP(PRIV) Insurance carriers and related, excluding incentive paid incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015240000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-40.4241	Z_{Tau}	-5.2049
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0124	AR(1) coefficient	-0.3214
Standard error	0.0312	Standard error	0.1277
t-statistic	0.3976	t-statistic	-2.5170
Probability t	0.6925	Durbin-Watson	1.7054

Estimated incremental annual growth rate: 0.050%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

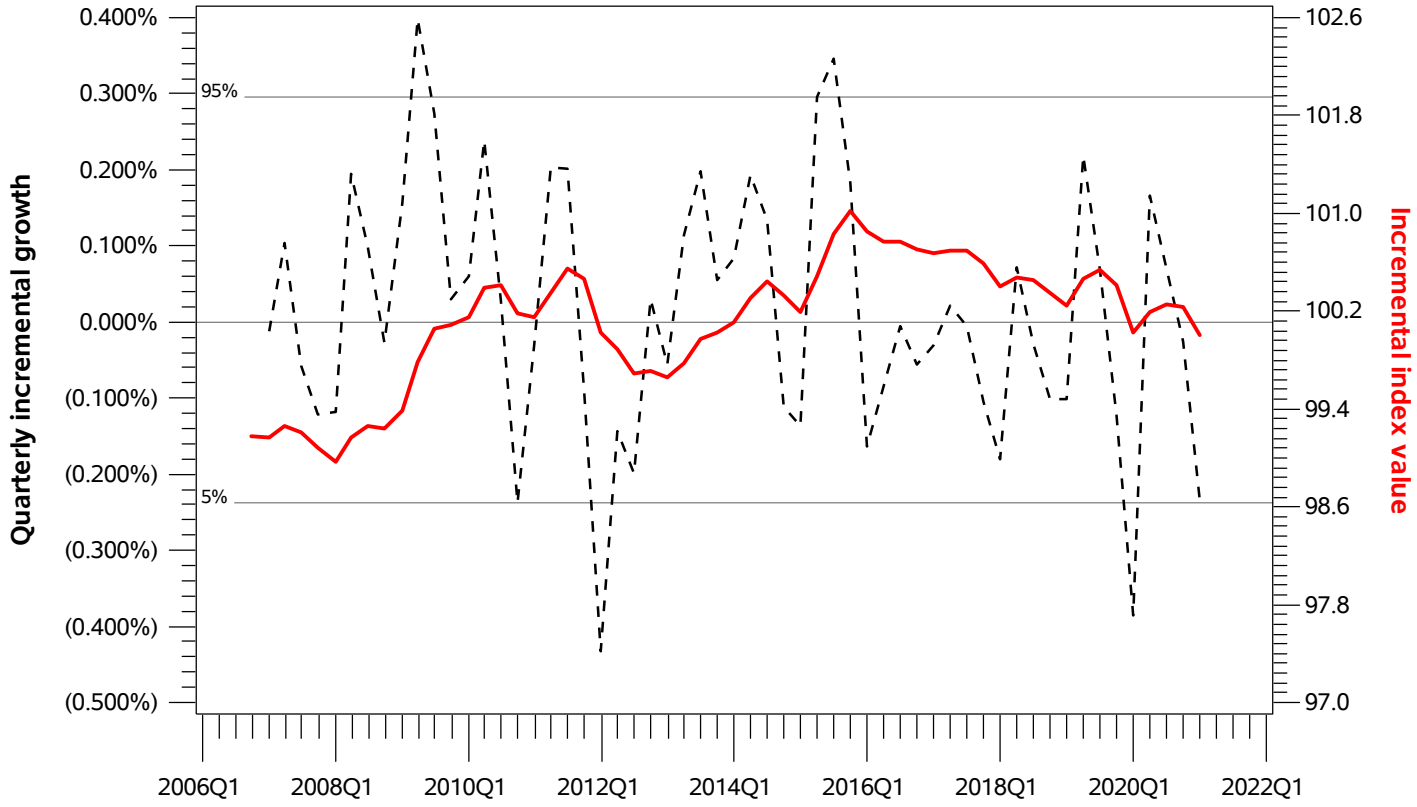


Table 47. ECI: COMP(PRIV) Real estate and rental and leasing incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015300000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-36.0036	Z_{Tau}	-4.9791
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0058	AR(1) coefficient	-0.3883
Standard error	0.0370	Standard error	0.1243
t-statistic	0.1568	t-statistic	-3.1253
Probability t	0.8760	Durbin-Watson	1.8226

Estimated incremental annual growth rate: 0.023%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

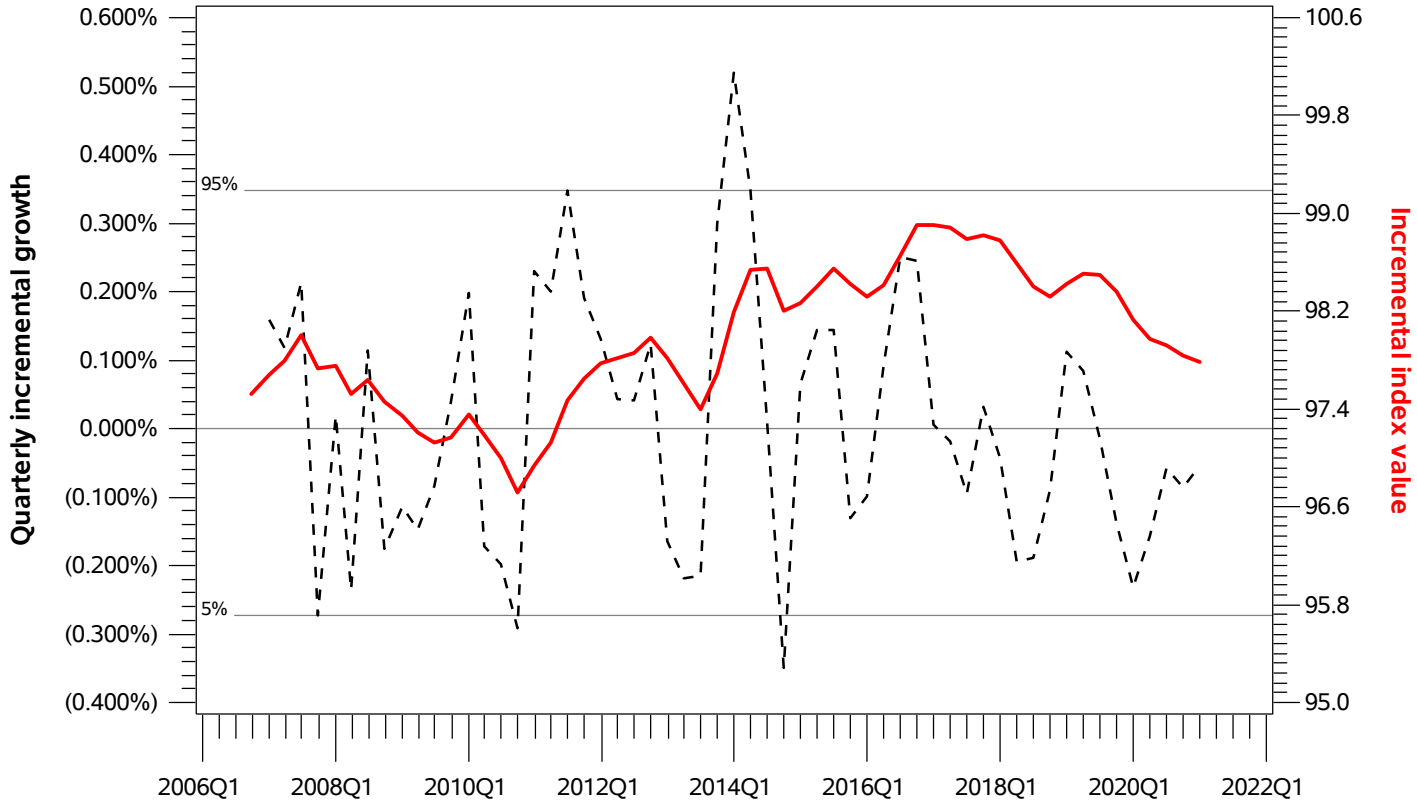


Table 48. ECI: COMP(PRIV) Real estate and rental and leasing, excluding incentive paid incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015300000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-33.1931	Z_{Tau}	-4.9724
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0338	AR(1) coefficient	-0.4225
Standard error	0.0366	Standard error	0.1222
t-statistic	0.9244	t-statistic	-3.4567
Probability t	0.3593	Durbin-Watson	1.6910

Estimated incremental annual growth rate: 0.135%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

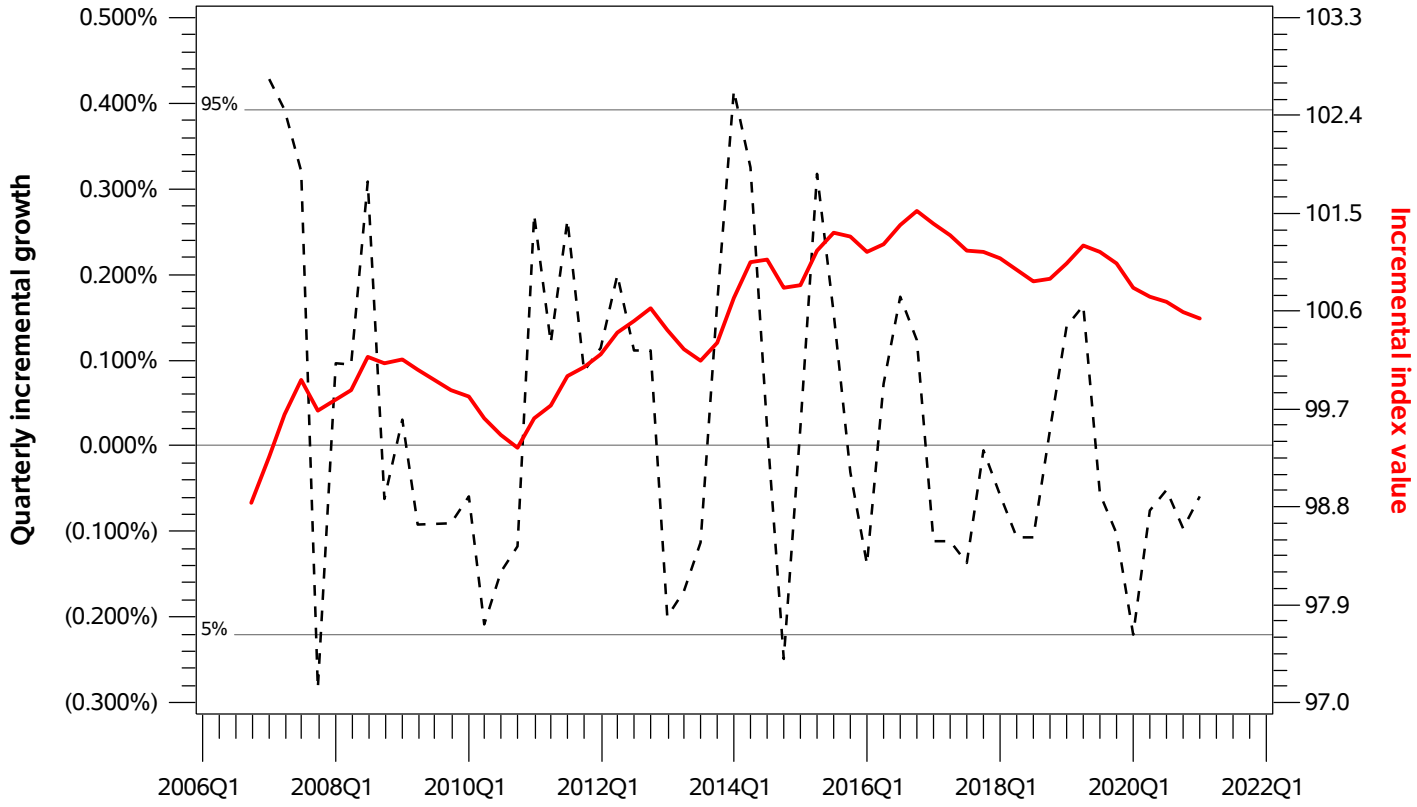


Table 49. ECI: COMP(PRIV) Professional, scientific, and technical services incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015400000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.1748	Z_{Tau}	-4.5796
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0005

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0049	AR(1) coefficient	-0.4298
Standard error	0.0440	Standard error	0.1217
t-statistic	0.1112	t-statistic	-3.5306
Probability t	0.9119	Durbin-Watson	2.1280

Estimated incremental annual growth rate: 0.020%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

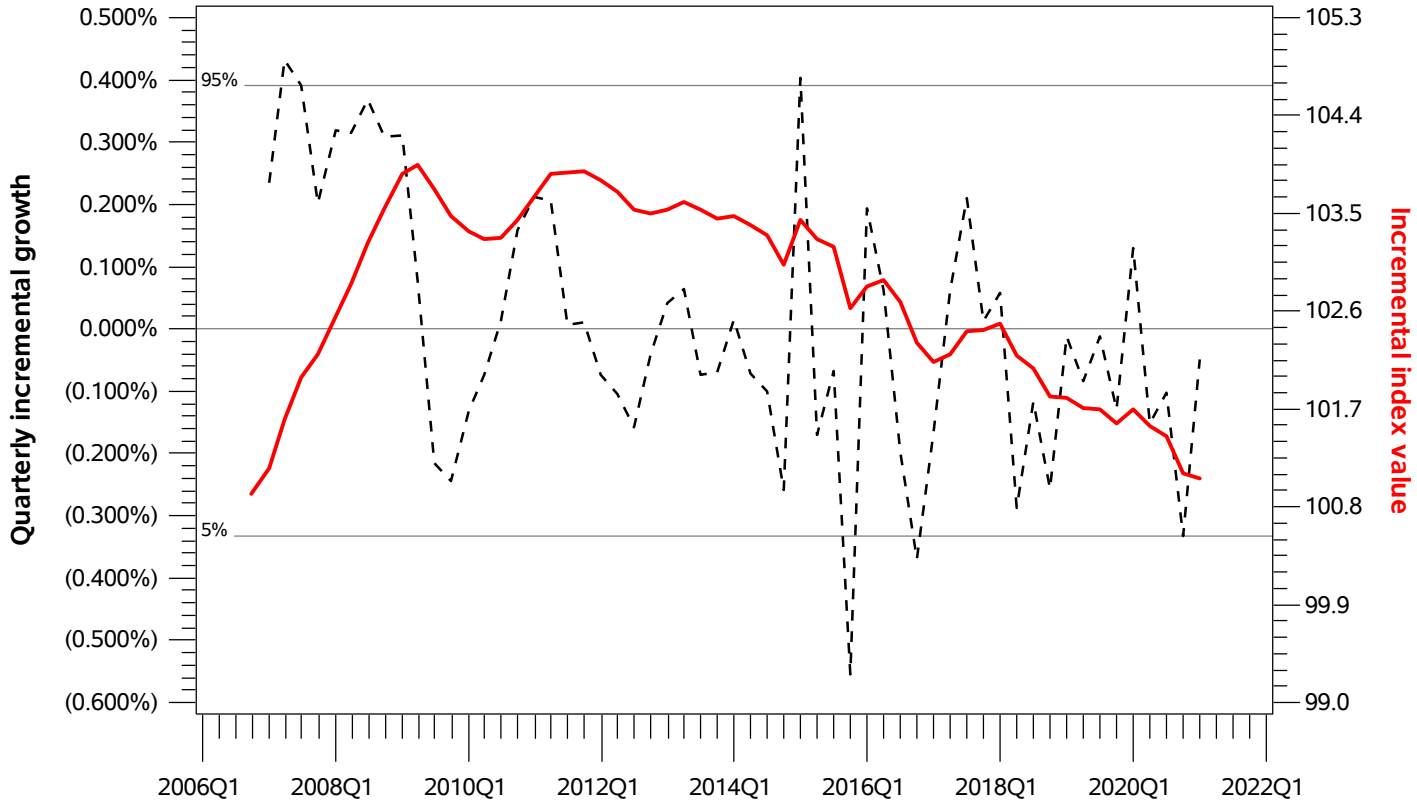


Table 50. ECI: COMP(PRIV) Professional and business services incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201540A000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho\, G_{t-1} + u_t$$

Z_{Rho}	-22.6514	Z_{Tau}	-3.6931
Prob Z_{Rho}	0.0029	Prob Z_{Tau}	0.0065

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1\, u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0018	AR(1) coefficient	-0.6059
Standard error	0.0356	Standard error	0.1073
t-statistic	-0.0499	t-statistic	-5.6485
Probability t	0.9604	Durbin-Watson	1.8872

Estimated incremental annual growth rate: (0.007%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

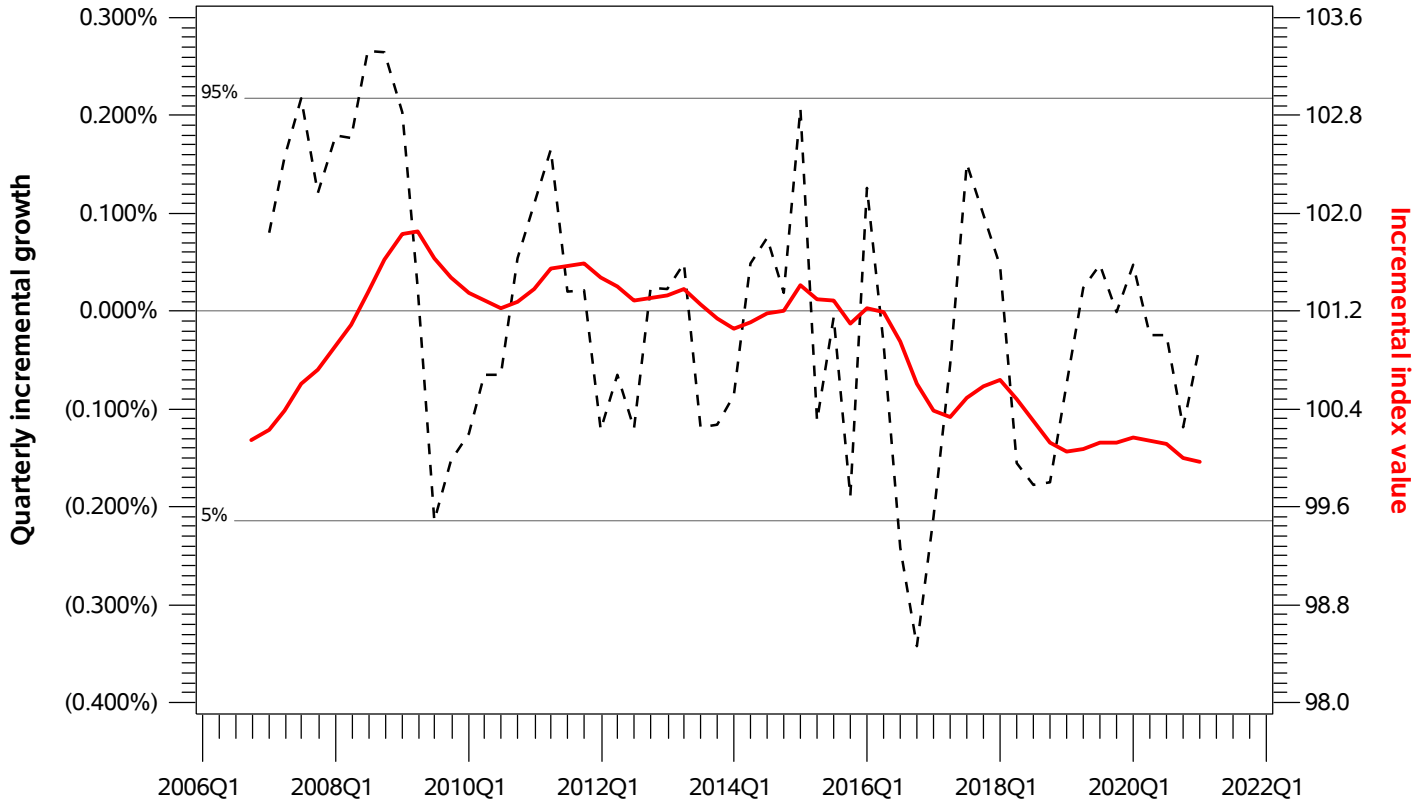


Table 51. ECI: COMP(PRIV) Administrative and support and waste management and remediation services incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2015600000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho\, G_{t-1} + u_t$$

Z_{Rho}	-31.0611	Z_{Tau}	-4.4929
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0006

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1\, u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0164	AR(1) coefficient	-0.4642
Standard error	0.0463	Standard error	0.1194
t-statistic	-0.3539	t-statistic	-3.8867
Probability t	0.7248	Durbin-Watson	1.8926

Estimated incremental annual growth rate: (0.065%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

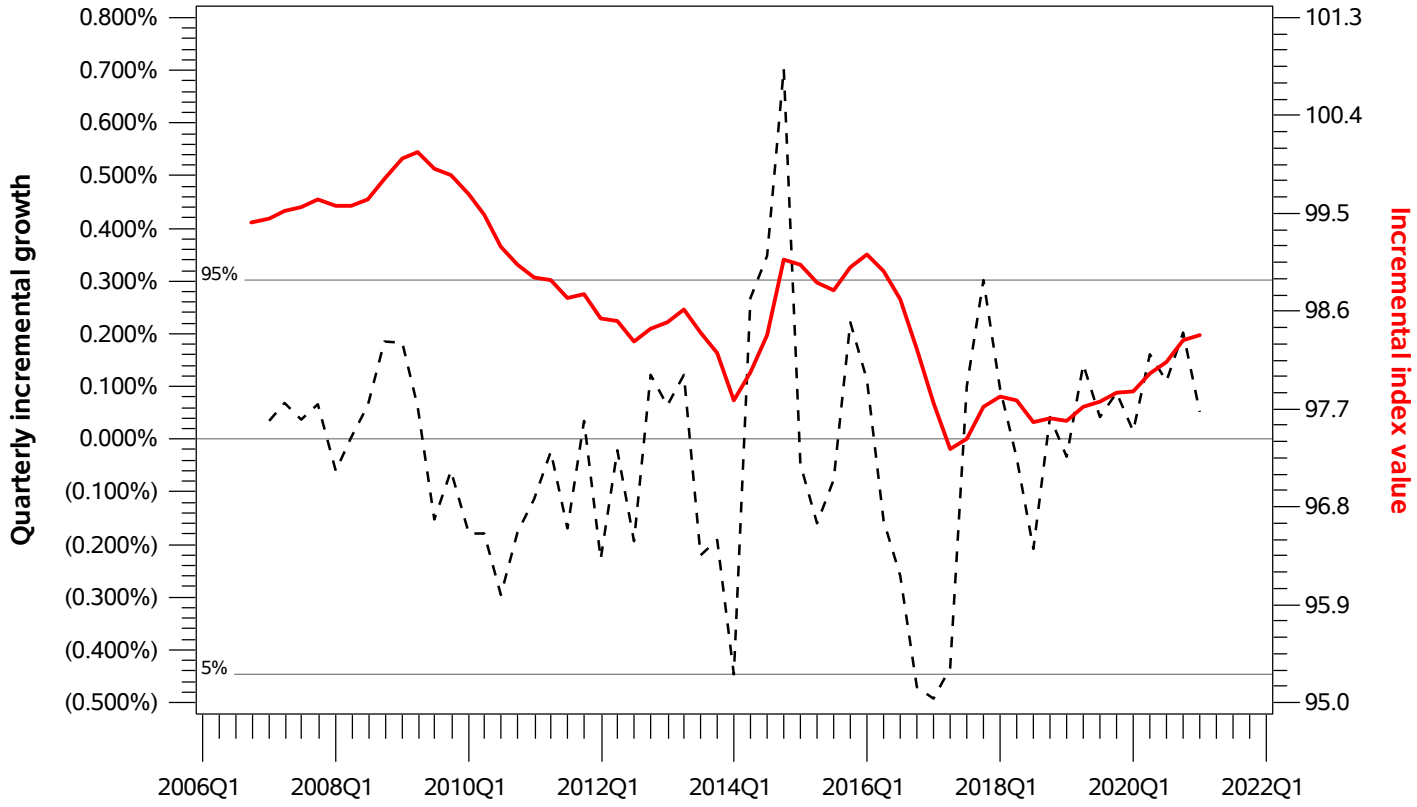


Table 52. ECI: COMP(PRIV) Education and health services incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2016000000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-28.1835	Z_{Tau}	-4.1533
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0017

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0317	AR(1) coefficient	-0.4848
Standard error	0.0268	Standard error	0.1179
t-statistic	-1.1840	t-statistic	-4.1106
Probability t	0.2415	Durbin-Watson	1.8454

Estimated incremental annual growth rate: (0.127%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

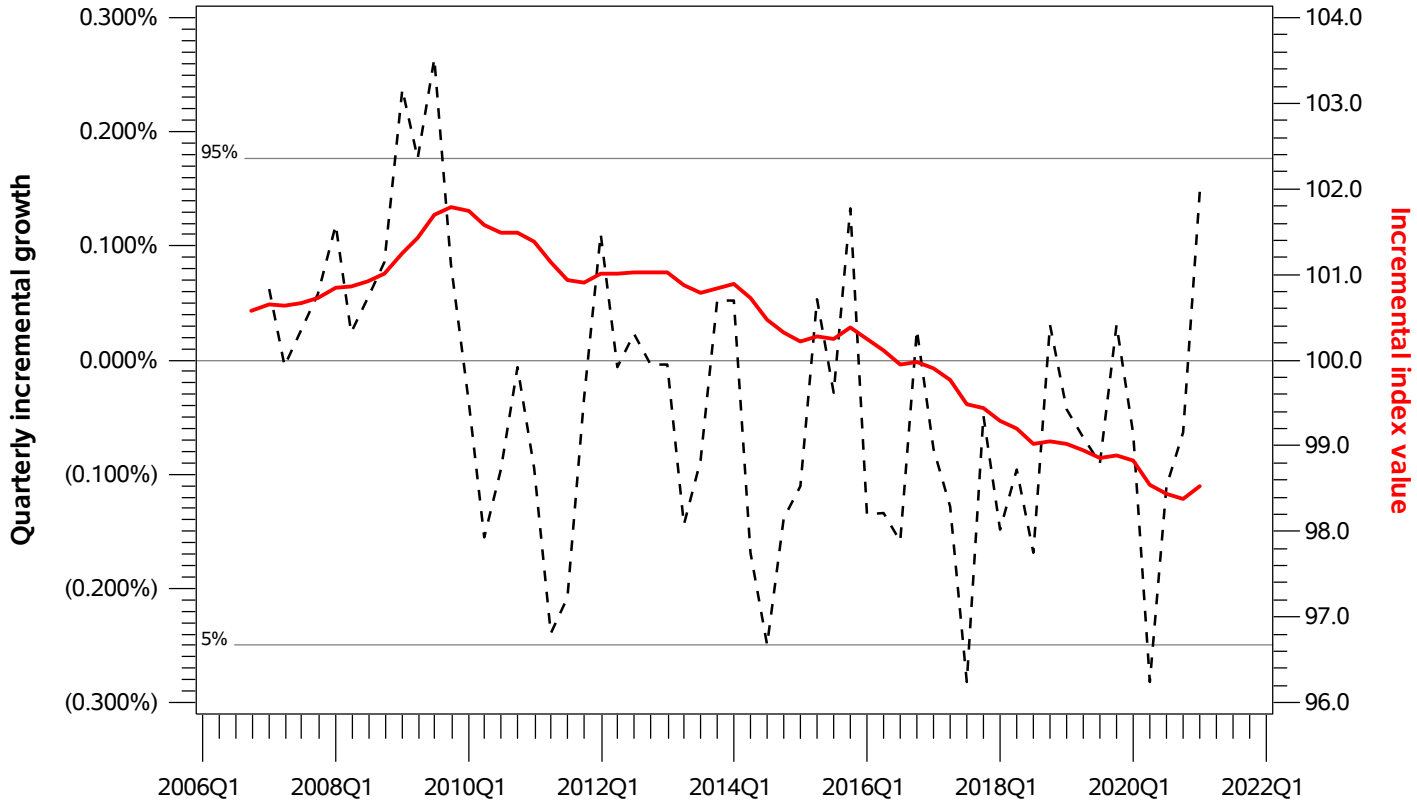


Table 53. ECI: COMP(PRIV) Education services incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2016100000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-39.7128	Z_{Tau}	-5.3205
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0364	AR(1) coefficient	-0.3271
Standard error	0.0373	Standard error	0.1274
t-statistic	-0.9749	t-statistic	-2.5672
Probability t	0.3339	Durbin-Watson	1.8085

Estimated incremental annual growth rate: (0.146%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

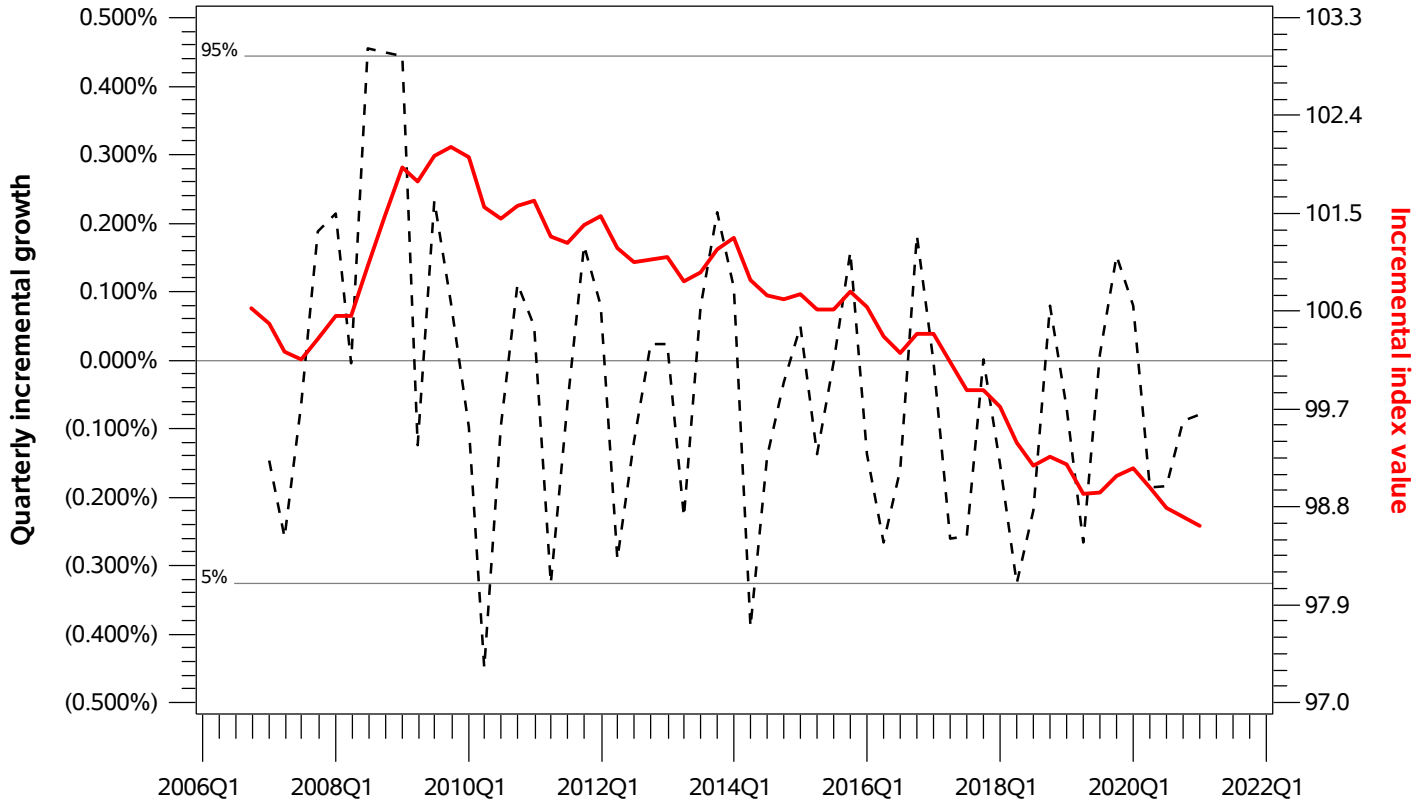


Table 54. ECI: COMP(PRIV) Junior colleges, colleges, and universities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2016120000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-32.1524	Z_{Tau}	-4.5224
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0006

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0382	AR(1) coefficient	-0.4528
Standard error	0.0477	Standard error	0.1202
t-statistic	-0.8017	t-statistic	-3.7665
Probability t	0.4262	Durbin-Watson	1.7441

Estimated incremental annual growth rate: (0.153%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

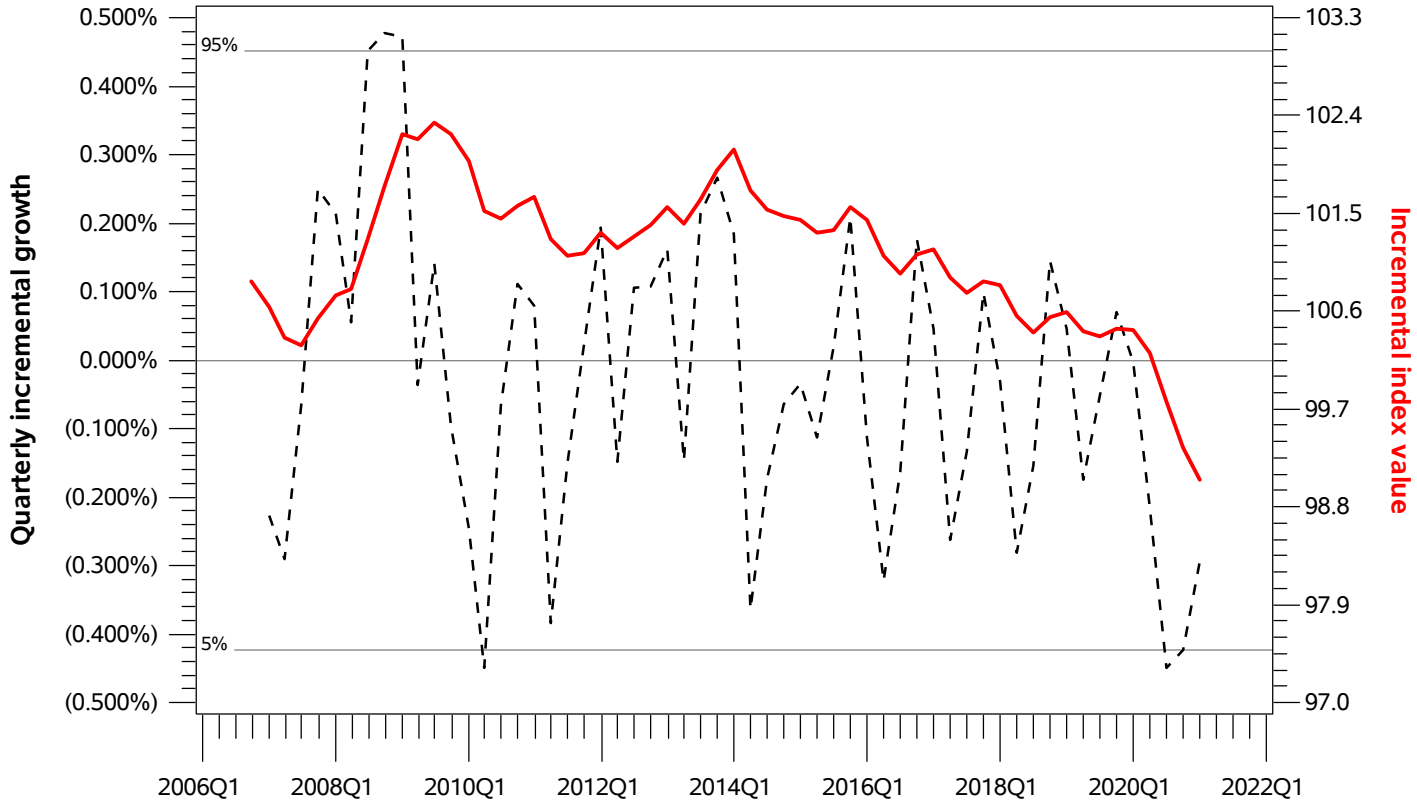


Table 55. ECI: COMP(PRIV) Health care and social assistance incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2016200000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-26.4497	Z_{Tau}	-3.9394
Prob Z_{Rho}	0.0009	Prob Z_{Tau}	0.0032

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0306	AR(1) coefficient	-0.5138
Standard error	0.0282	Standard error	0.1157
t-statistic	-1.0840	t-statistic	-4.4415
Probability t	0.2831	Durbin-Watson	1.7335

Estimated incremental annual growth rate: (0.122%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

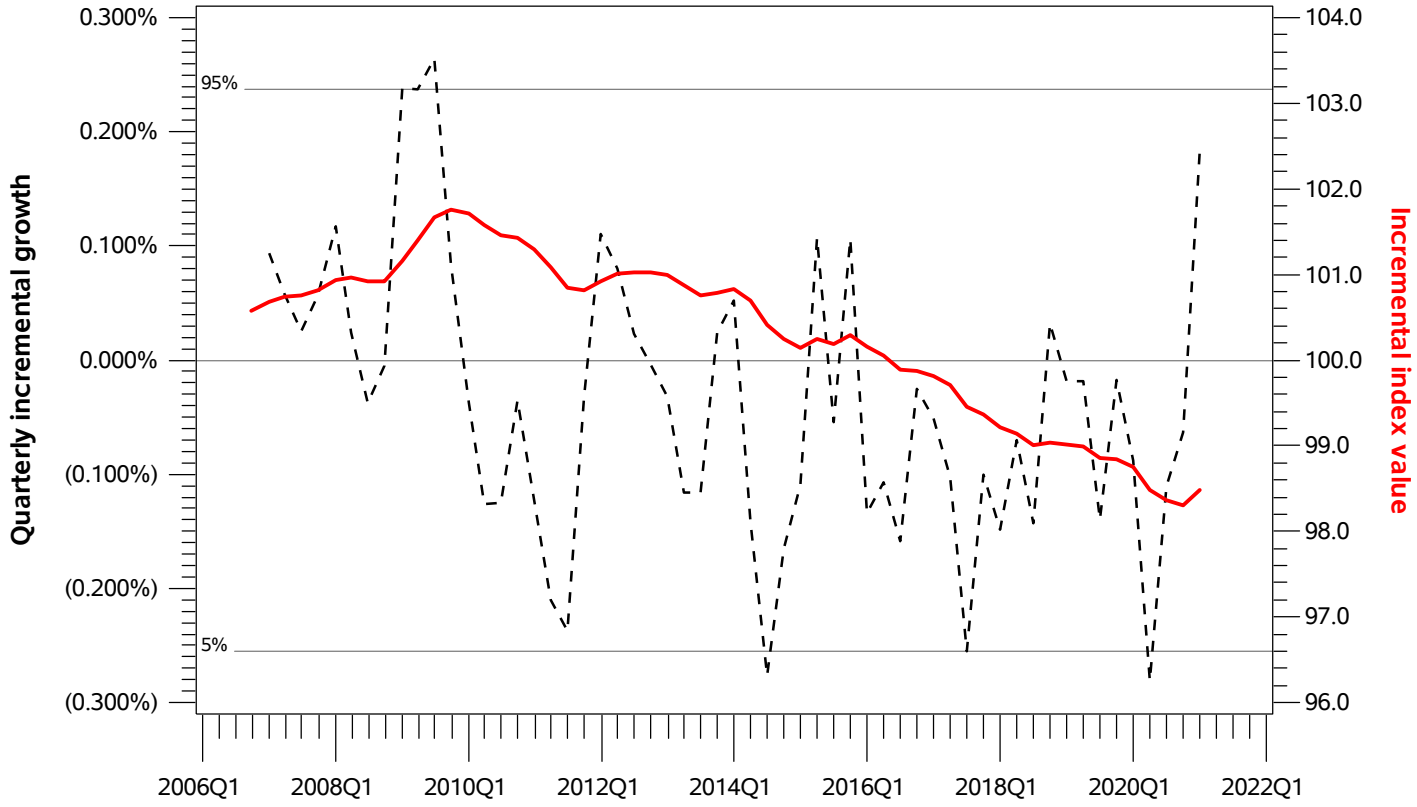


Table 56. ECI: COMP(PRIV) Hospitals incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2016220000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.0846	Z_{Tau}	-3.7809
Prob Z_{Rho}	0.0035	Prob Z_{Tau}	0.0051

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0220	AR(1) coefficient	-0.5549
Standard error	0.0347	Standard error	0.1122
t-statistic	-0.6325	t-statistic	-4.9469
Probability t	0.5297	Durbin-Watson	2.2915

Estimated incremental annual growth rate: (0.088%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

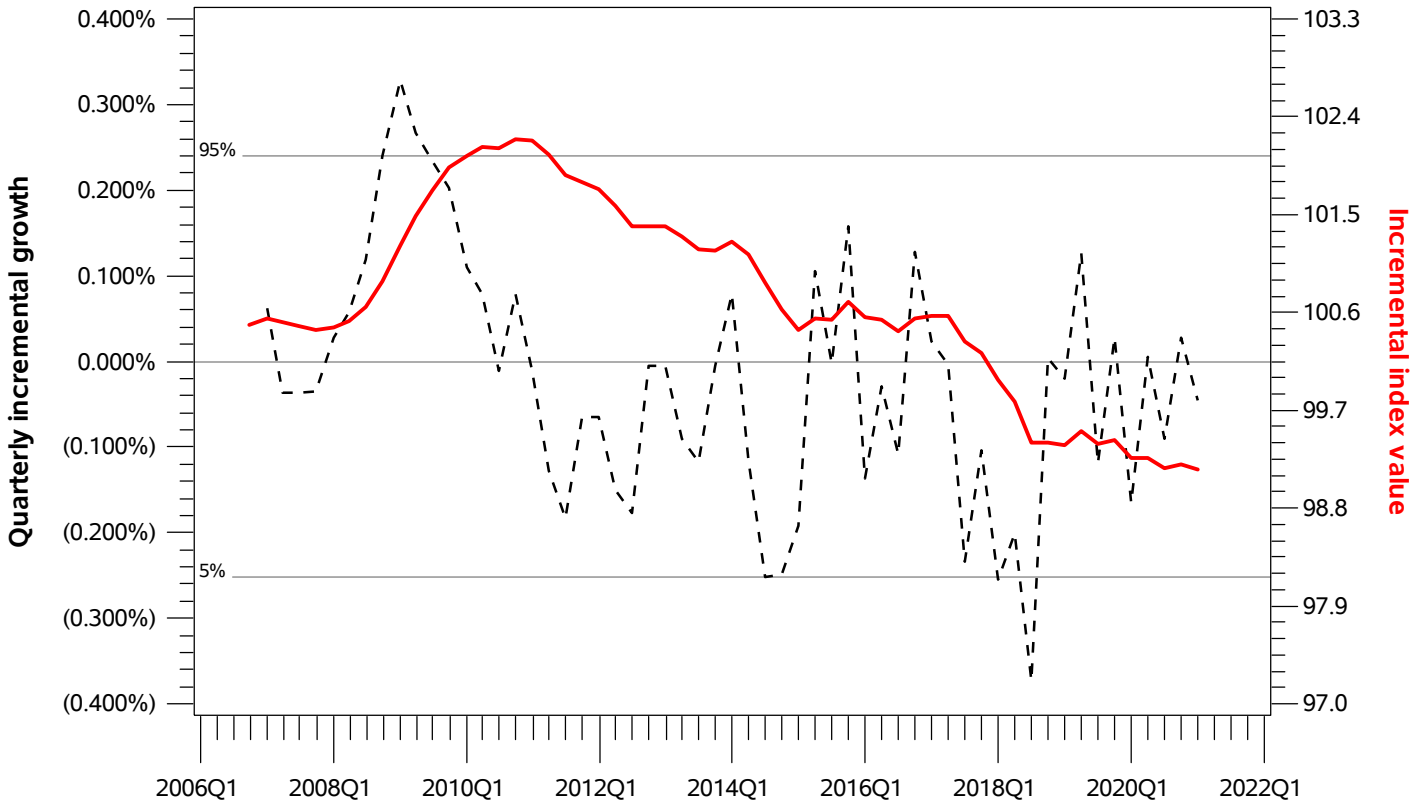


Table 57. ECI: COMP(PRIV) Nursing and residential care facilities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2016230000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.0958	Z_{Tau}	-3.0141
Prob Z_{Rho}	0.0160	Prob Z_{Tau}	0.0394

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0586	AR(1) coefficient	-0.6940
Standard error	0.0418	Standard error	0.0971
t-statistic	-1.4013	t-statistic	-7.1481
Probability t	0.1667	Durbin-Watson	1.7762

Estimated incremental annual growth rate: (0.234%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

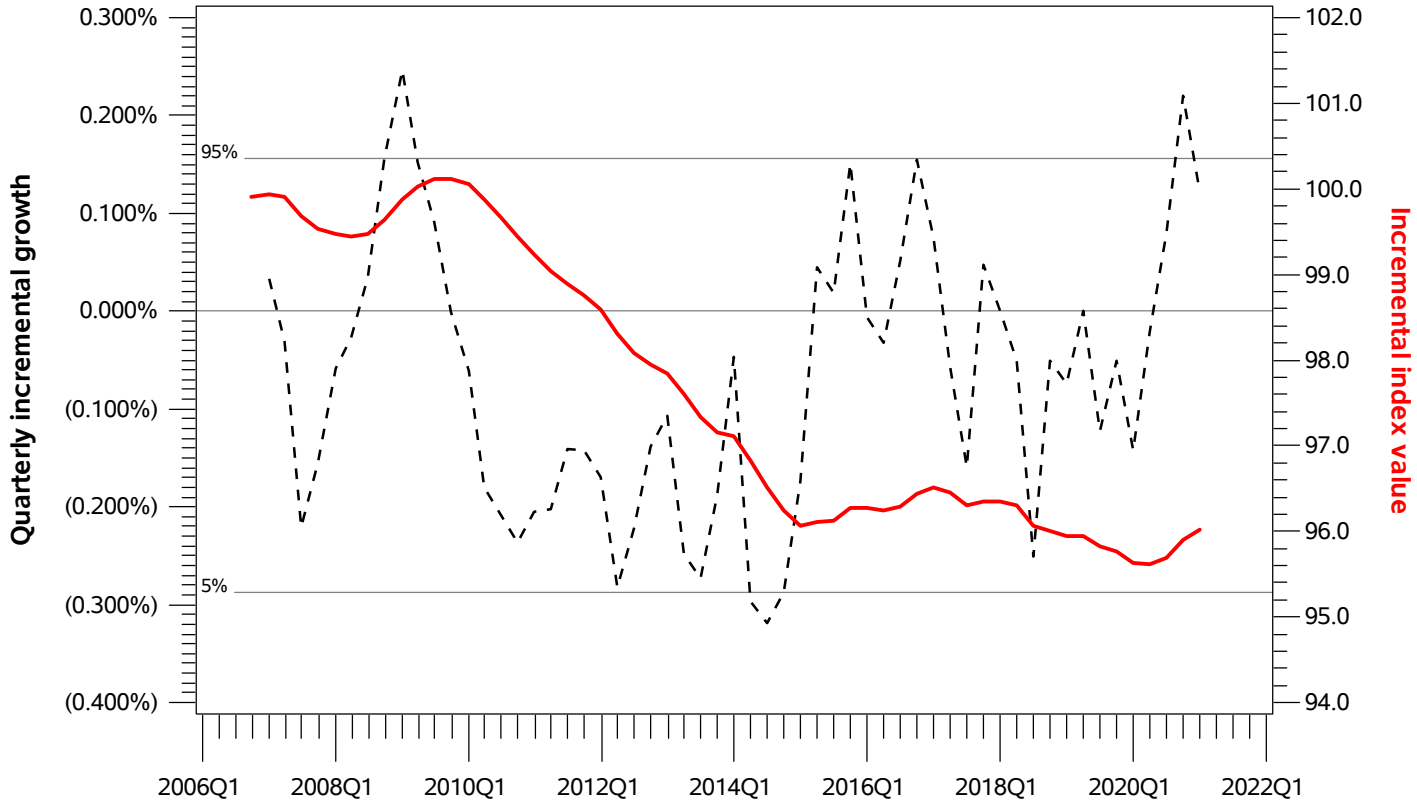


Table 58. ECI: COMP(PRIV) Nursing care facilities incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2016231000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.6684	Z_{Tau}	-3.3621
Prob Z_{Rho}	0.0100	Prob Z_{Tau}	0.0164

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0624	AR(1) coefficient	-0.6285
Standard error	0.0418	Standard error	0.1049
t-statistic	-1.4914	t-statistic	-5.9919
Probability t	0.1416	Durbin-Watson	2.0772

Estimated incremental annual growth rate: (0.249%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

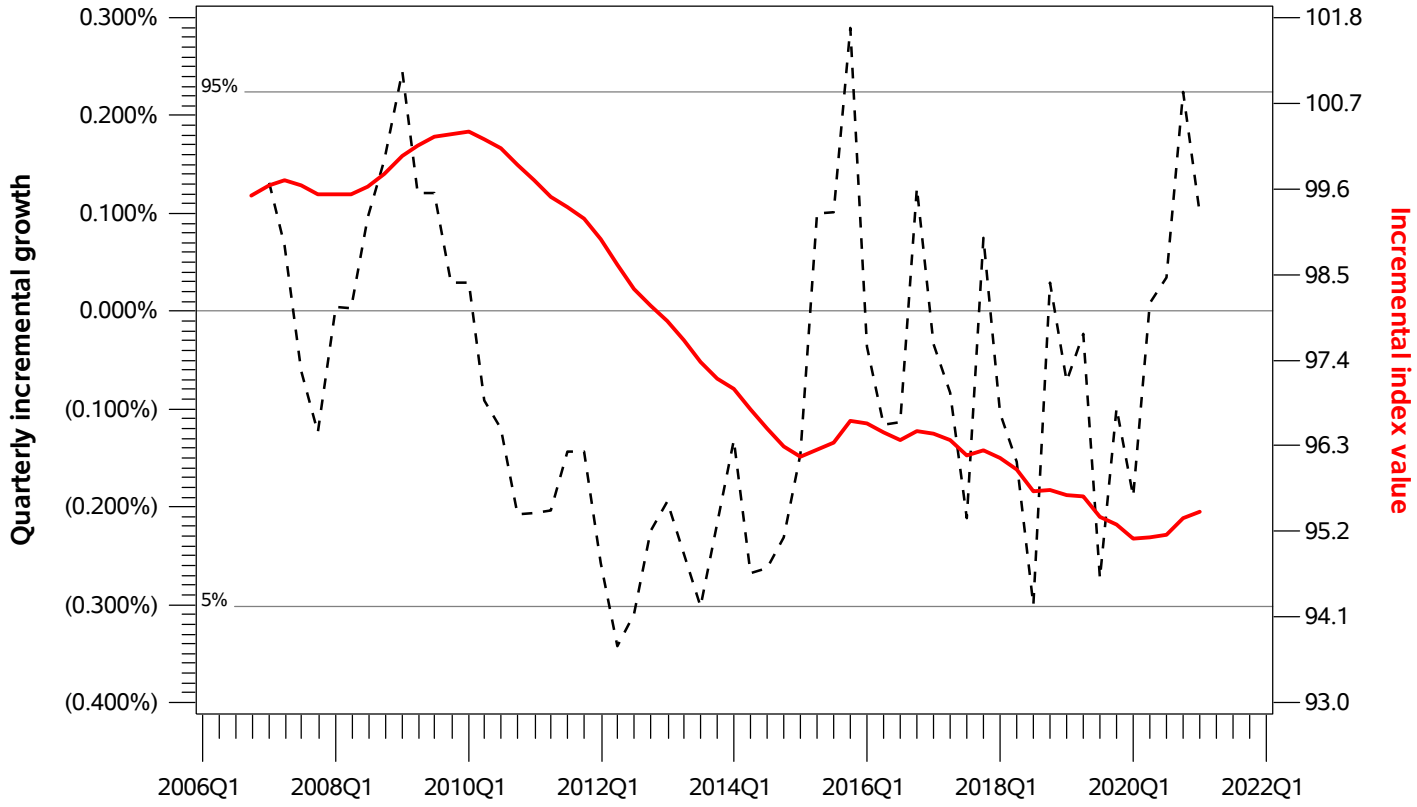


Table 59. ECI: COMP(PRIV) Leisure and hospitality incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2017000000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-14.1010	Z_{Tau}	-2.9253
Prob Z_{Rho}	0.0381	Prob Z_{Tau}	0.0486

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0450	AR(1) coefficient	-0.7169
Standard error	0.0741	Standard error	0.0940
t-statistic	0.6076	t-statistic	-7.6266
Probability t	0.5459	Durbin-Watson	2.1543

Estimated incremental annual growth rate: 0.180%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

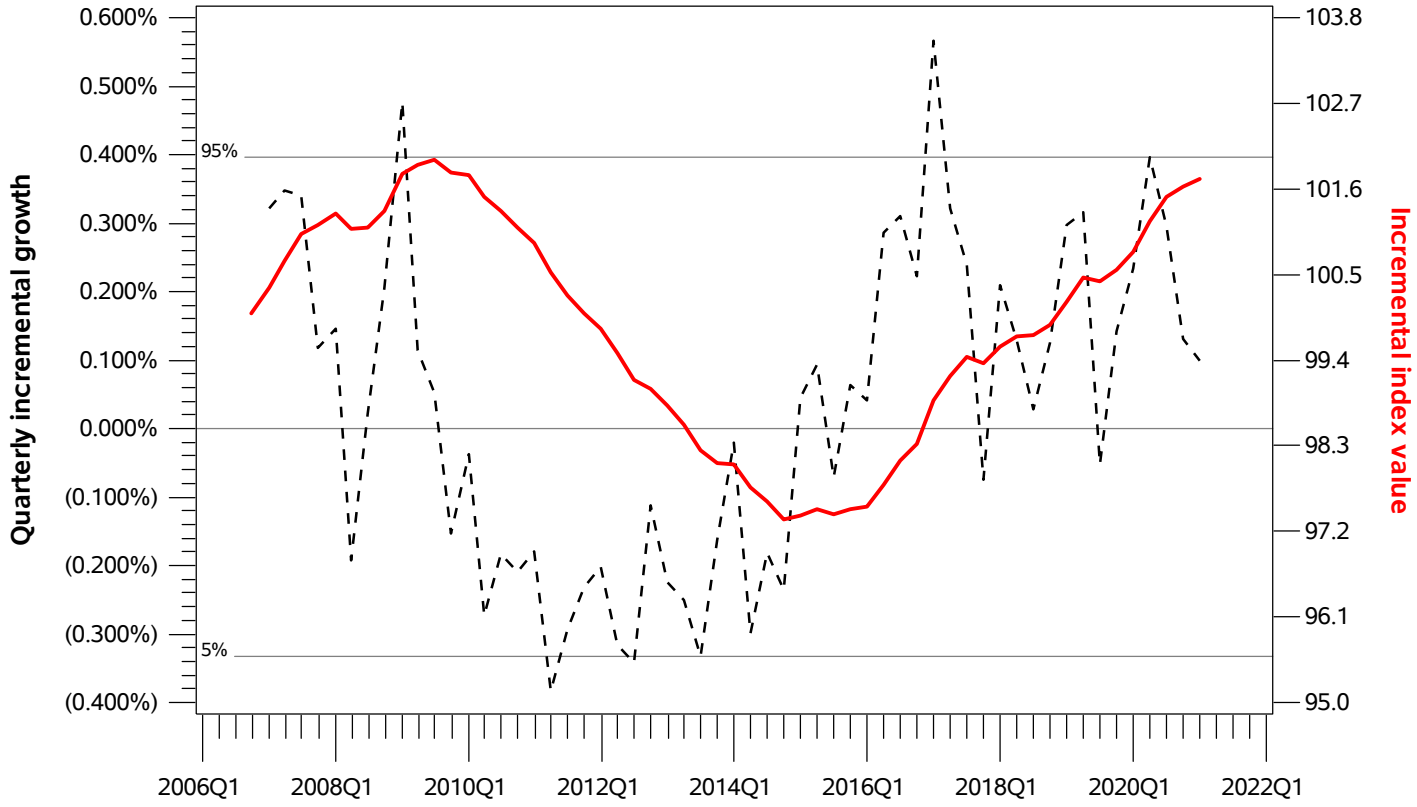


Table 60. ECI: COMP(PRIV) Accommodations and food service incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2017200000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-11.3591	Z_{Tau}	-2.5968
Prob Z_{Rho}	0.0817	Prob Z_{Tau}	0.0994

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0840	AR(1) coefficient	-0.7615
Standard error	0.0933	Standard error	0.0874
t-statistic	0.8998	t-statistic	-8.7126
Probability t	0.3721	Durbin-Watson	2.1741

Estimated incremental annual growth rate: 0.336%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

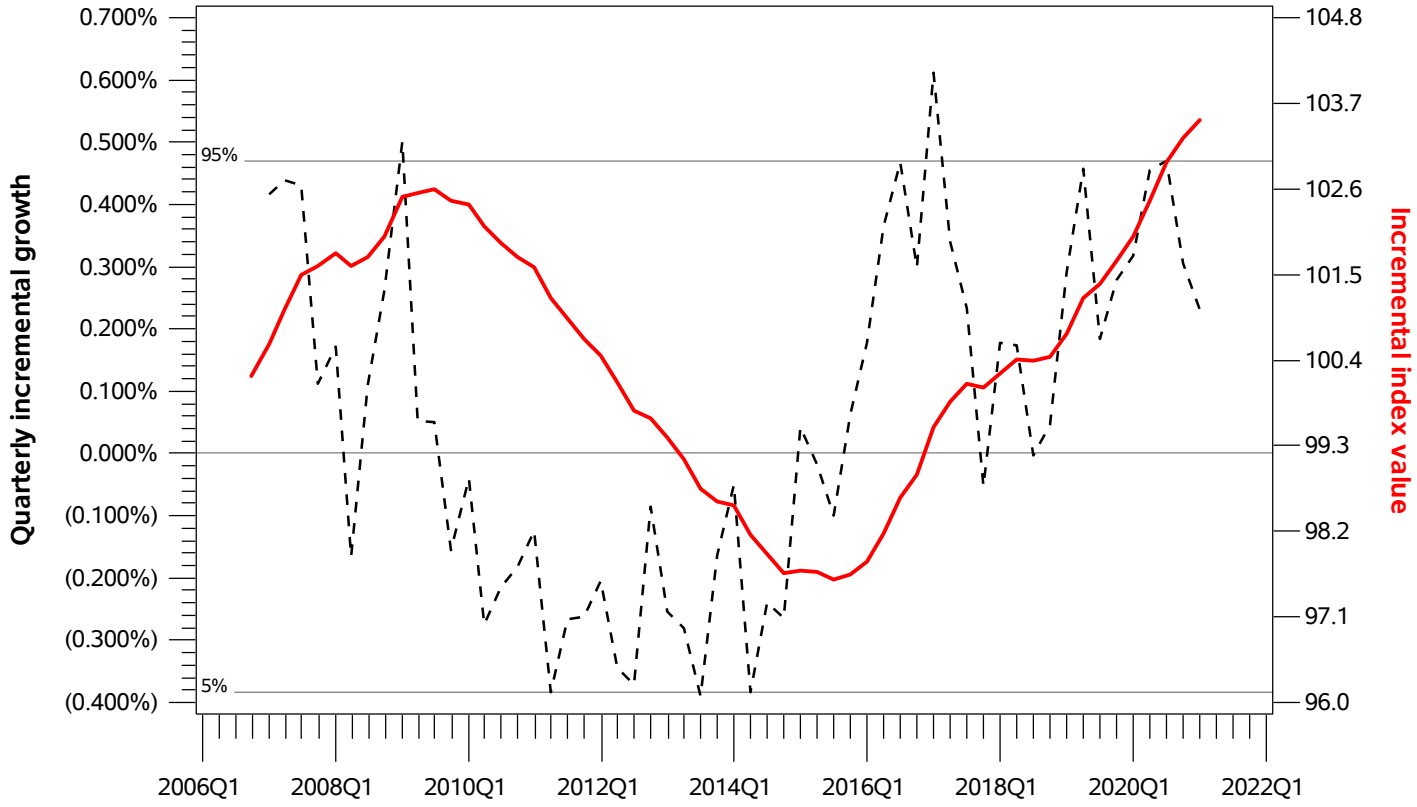


Table 61. ECI: COMP(PRIV) Other services, except public administration incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2018100000000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-40.8551	Z_{Tau}	-5.5818
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0101	AR(1) coefficient	-0.2914
Standard error	0.0279	Standard error	0.1290
t-statistic	-0.3616	t-statistic	-2.2592
Probability t	0.7190	Durbin-Watson	1.8878

Estimated incremental annual growth rate: (0.040%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

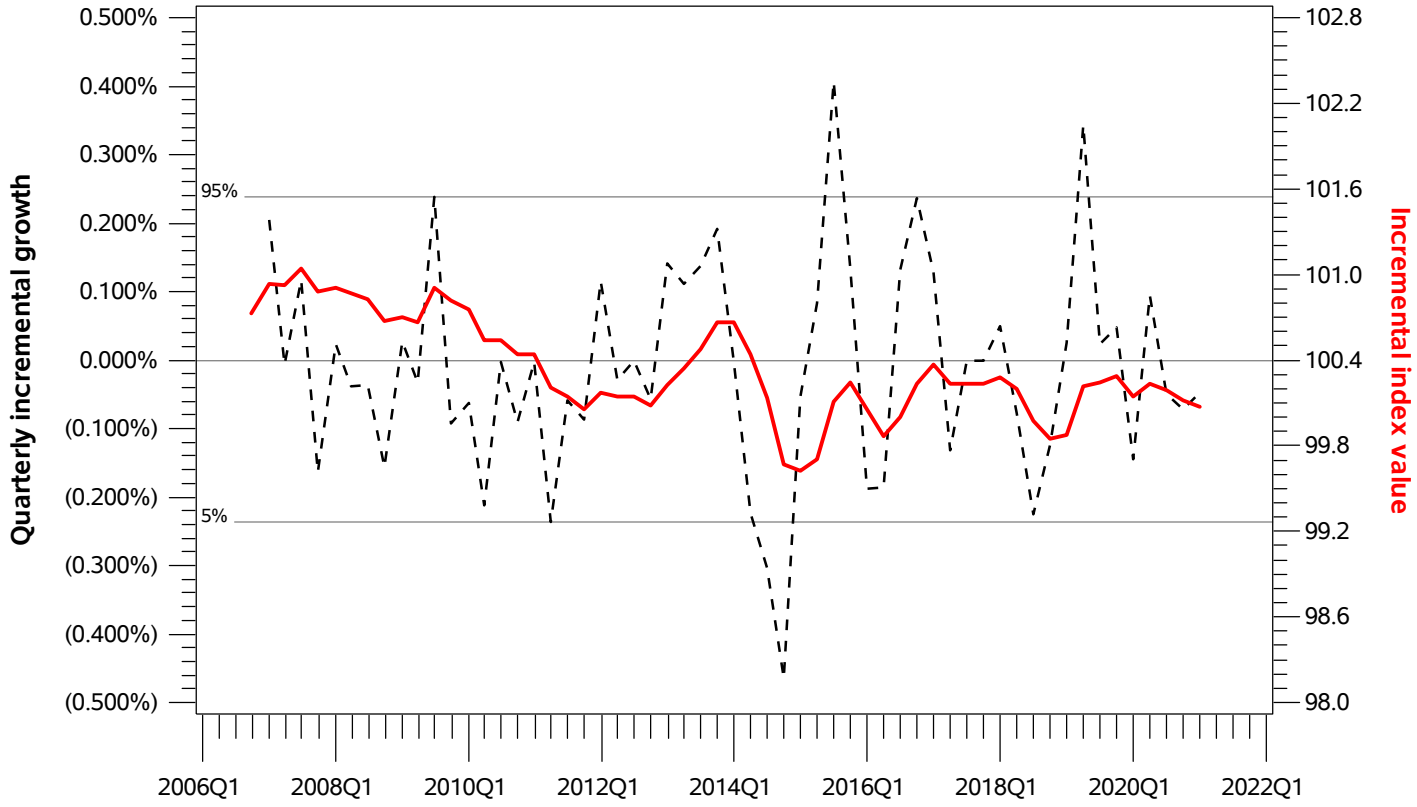


Table 62. ECI: COMP(PRIV) Union, goods-producing industries incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU201G000000510I and CIU201G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.4712	Z_{Tau}	-3.3694
Prob Z_{Rho}	0.0143	Prob Z_{Tau}	0.0161

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0179	AR(1) coefficient	-0.6712
Standard error	0.0642	Standard error	0.1000
t-statistic	0.2789	t-statistic	-6.7156
Probability t	0.7814	Durbin-Watson	1.9708

Estimated incremental annual growth rate: 0.072%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

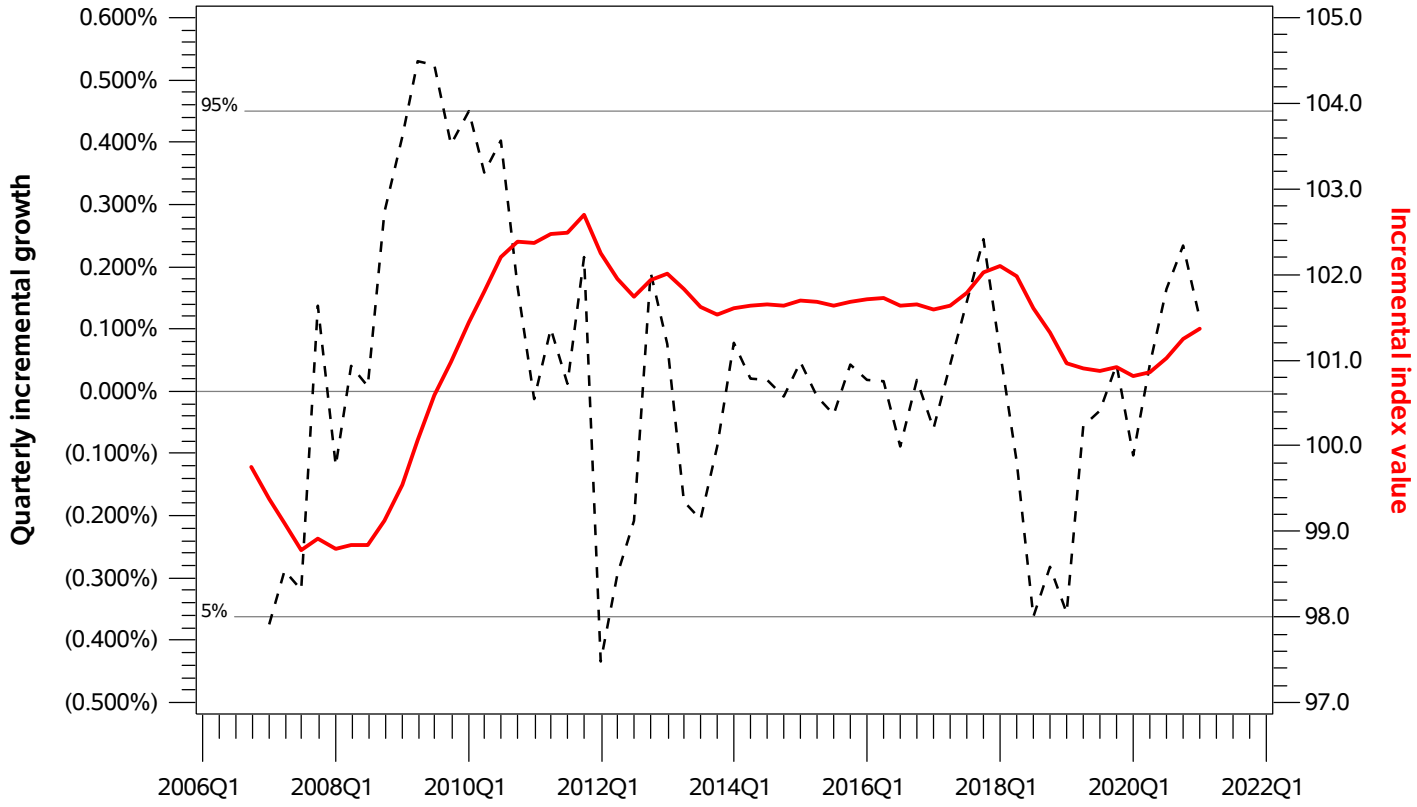


Table 63. ECI: COMP(PRIV) Nonunion, goods-producing industries incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU201G0000000520I and CIU201G0000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-16.3590	Z_{Tau}	-3.3540
Prob Z_{Rho}	0.0198	Prob Z_{Tau}	0.0167

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0034	AR(1) coefficient	-0.6752
Standard error	0.0196	Standard error	0.0995
t-statistic	-0.1754	t-statistic	-6.7892
Probability t	0.8614	Durbin-Watson	2.0790

Estimated incremental annual growth rate: (0.014%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

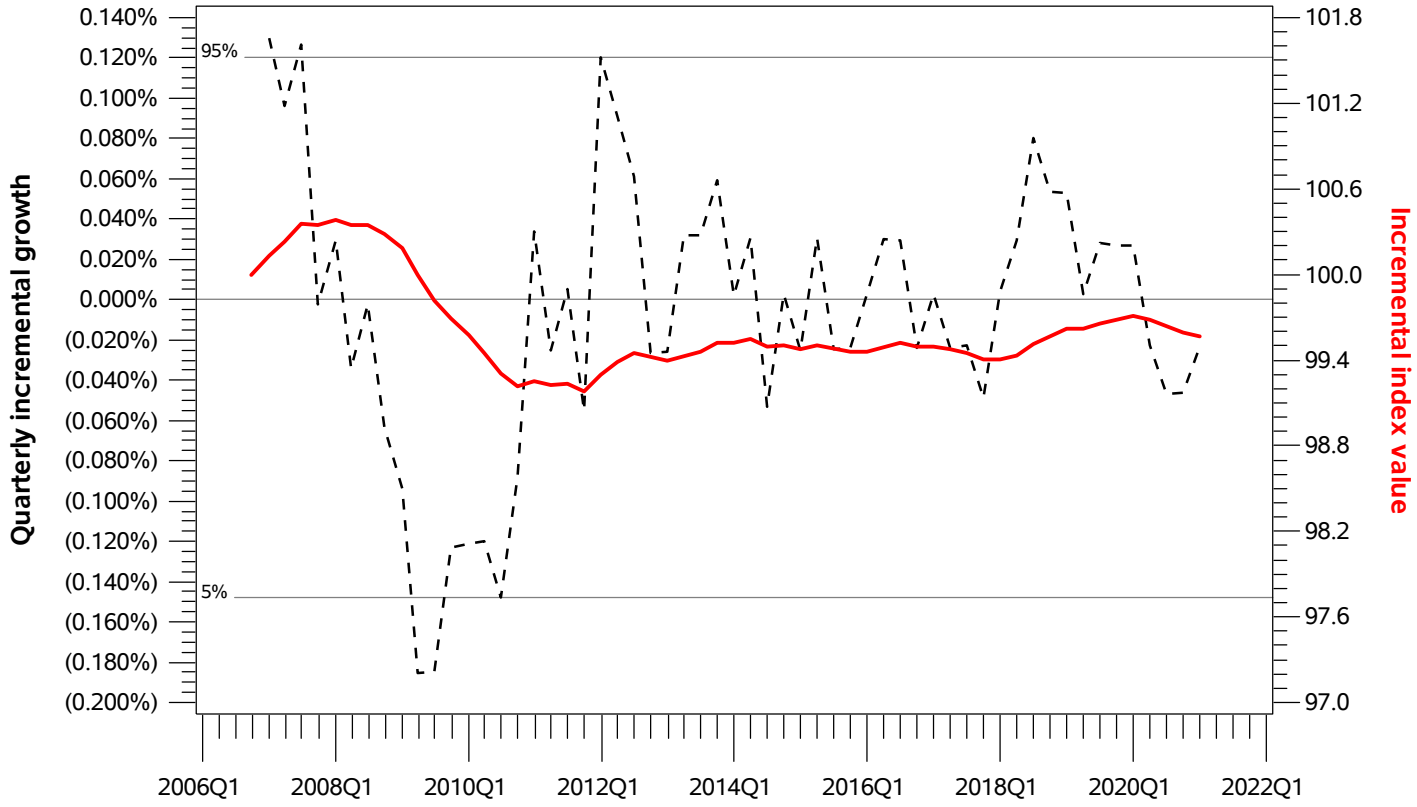


Table 64. ECI: COMP(PRIV) Goods-producing, excluding incentive paid occupations incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU201G000000710I and CIU201G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-35.7918	Z_{Tau}	-4.9636
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0012	AR(1) coefficient	-0.3821
Standard error	0.0075	Standard error	0.1246
t-statistic	-0.1646	t-statistic	-3.0660
Probability t	0.8699	Durbin-Watson	1.8785

Estimated incremental annual growth rate: (0.005%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

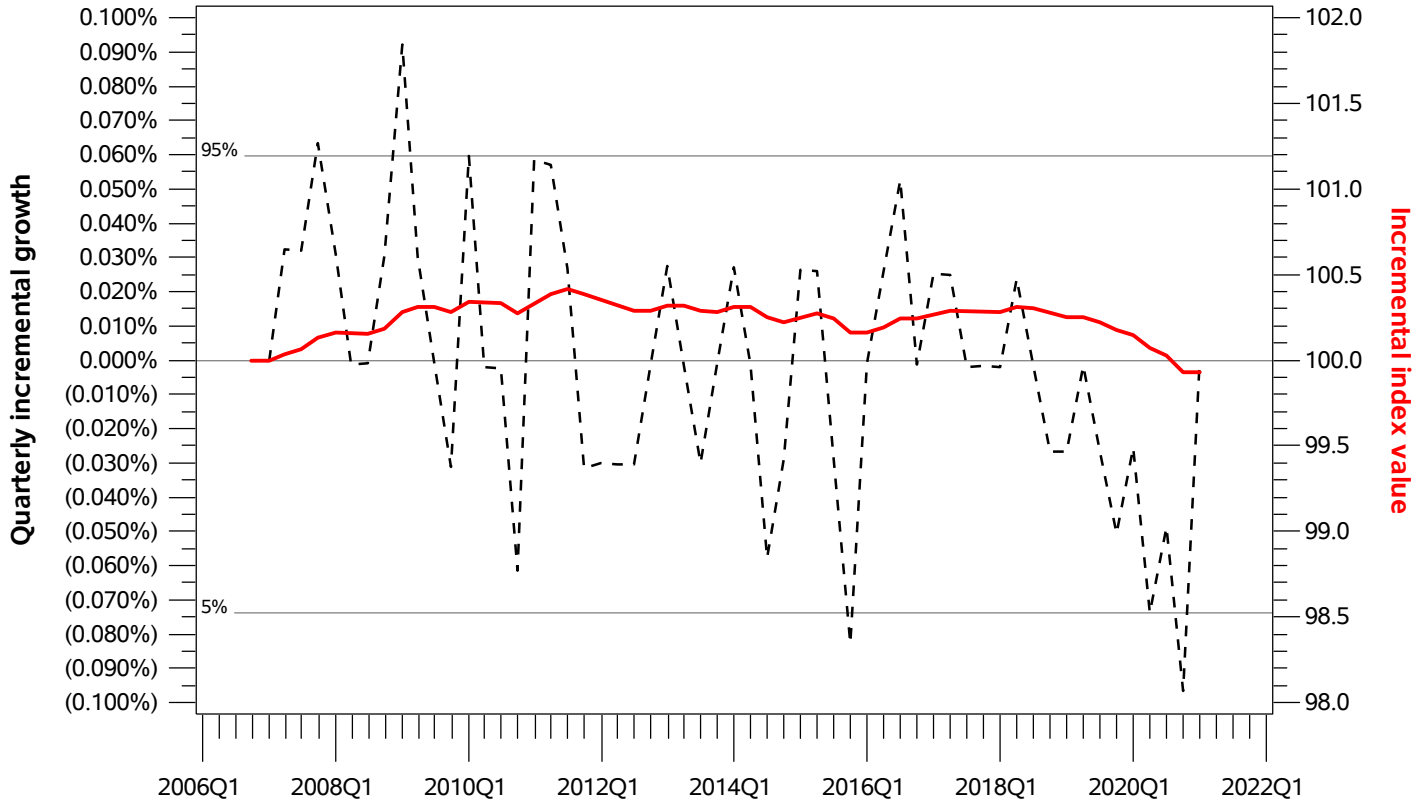


Table 65. ECI: COMP(PRIV) Goods-producing; management, professional, and related occupations incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU201G0001000000I and CIU201G0000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.0050	Z_{Tau}	-3.8702
Prob Z_{Rho}	0.0019	Prob Z_{Tau}	0.0039

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0316	AR(1) coefficient	-0.5642
Standard error	0.0329	Standard error	0.1113
t-statistic	-0.9613	t-statistic	-5.0681
Probability t	0.3406	Durbin-Watson	1.9690

Estimated incremental annual growth rate: (0.126%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

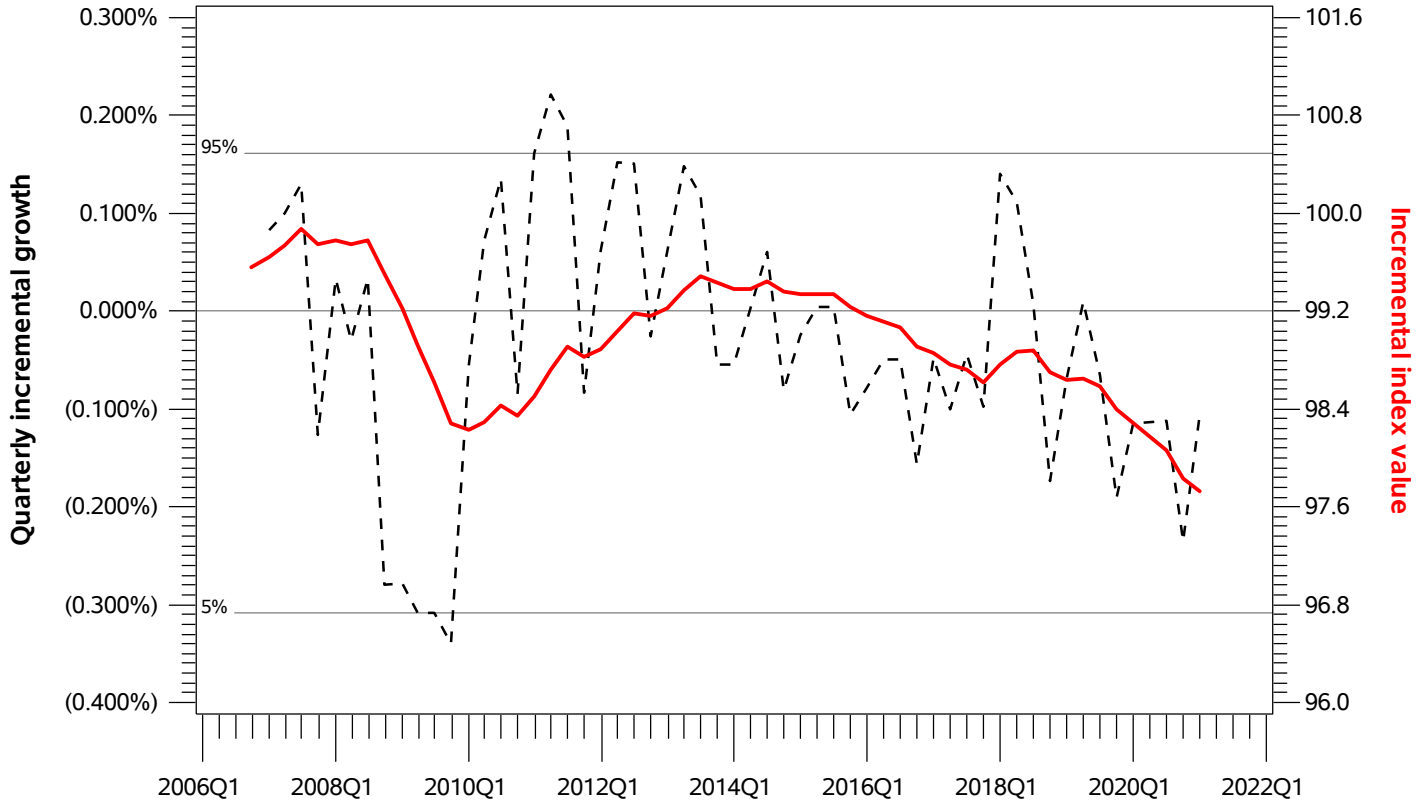


Table 66. ECI: COMP(PRIV) Goods-producing, sales and office occupations incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU201G000200000I and CIU201G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-44.8986	Z_{Tau}	-6.0823
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0515	AR(1) coefficient	-0.1807
Standard error	0.0393	Standard error	0.1326
t-statistic	1.3084	t-statistic	-1.3622
Probability t	0.1962	Durbin-Watson	2.0291

Estimated incremental annual growth rate: 0.206%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

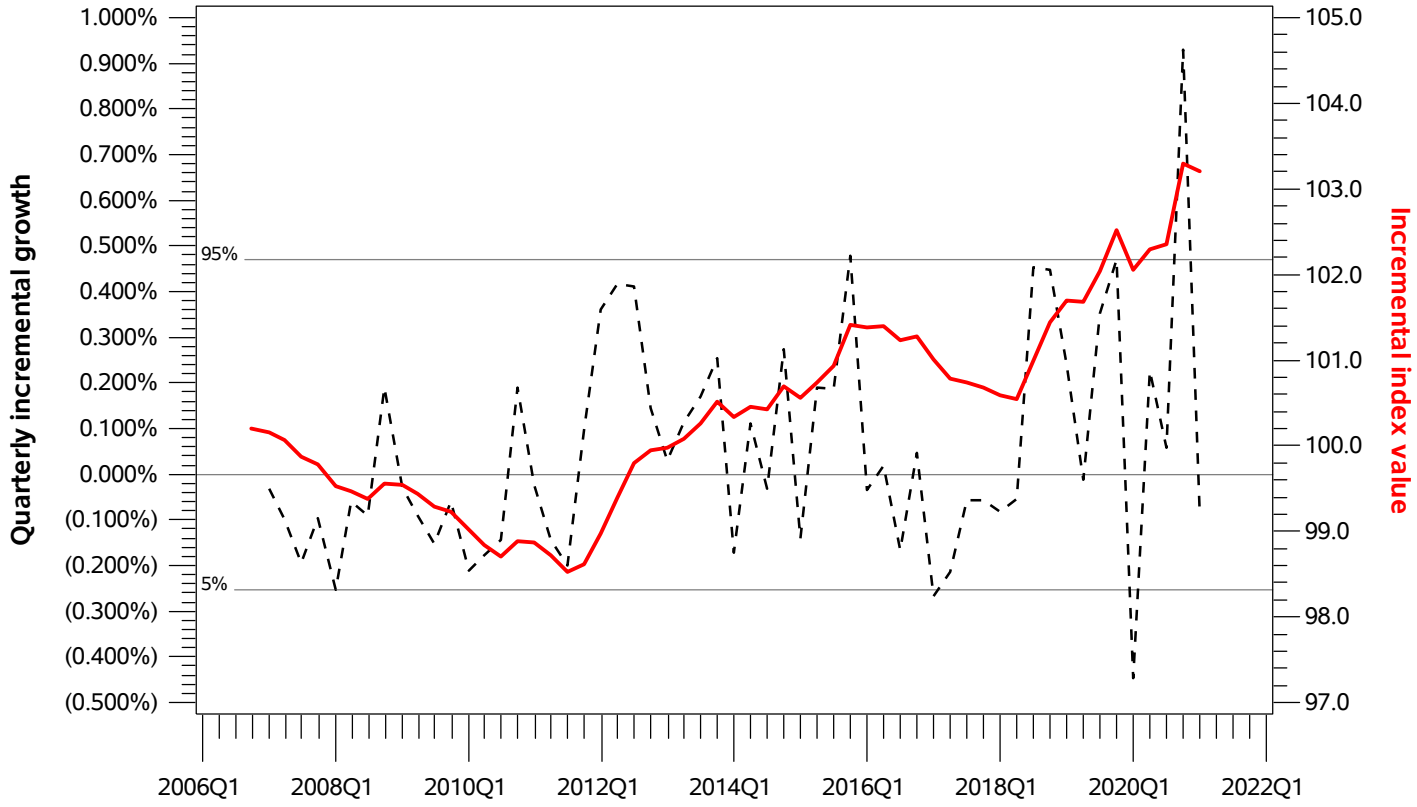


Table 67. ECI: COMP(PRIV) Goods-producing; natural resources, construction, and maintenance incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU201G0004000001 and CIU201G0000000001

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.1125	Z_{Tau}	-3.6274
Prob Z_{Rho}	0.0047	Prob Z_{Tau}	0.0079

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0130	AR(1) coefficient	-0.5963
Standard error	0.0308	Standard error	0.1082
t-statistic	0.4204	t-statistic	-5.5083
Probability t	0.6758	Durbin-Watson	2.0159

Estimated incremental annual growth rate: 0.052%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

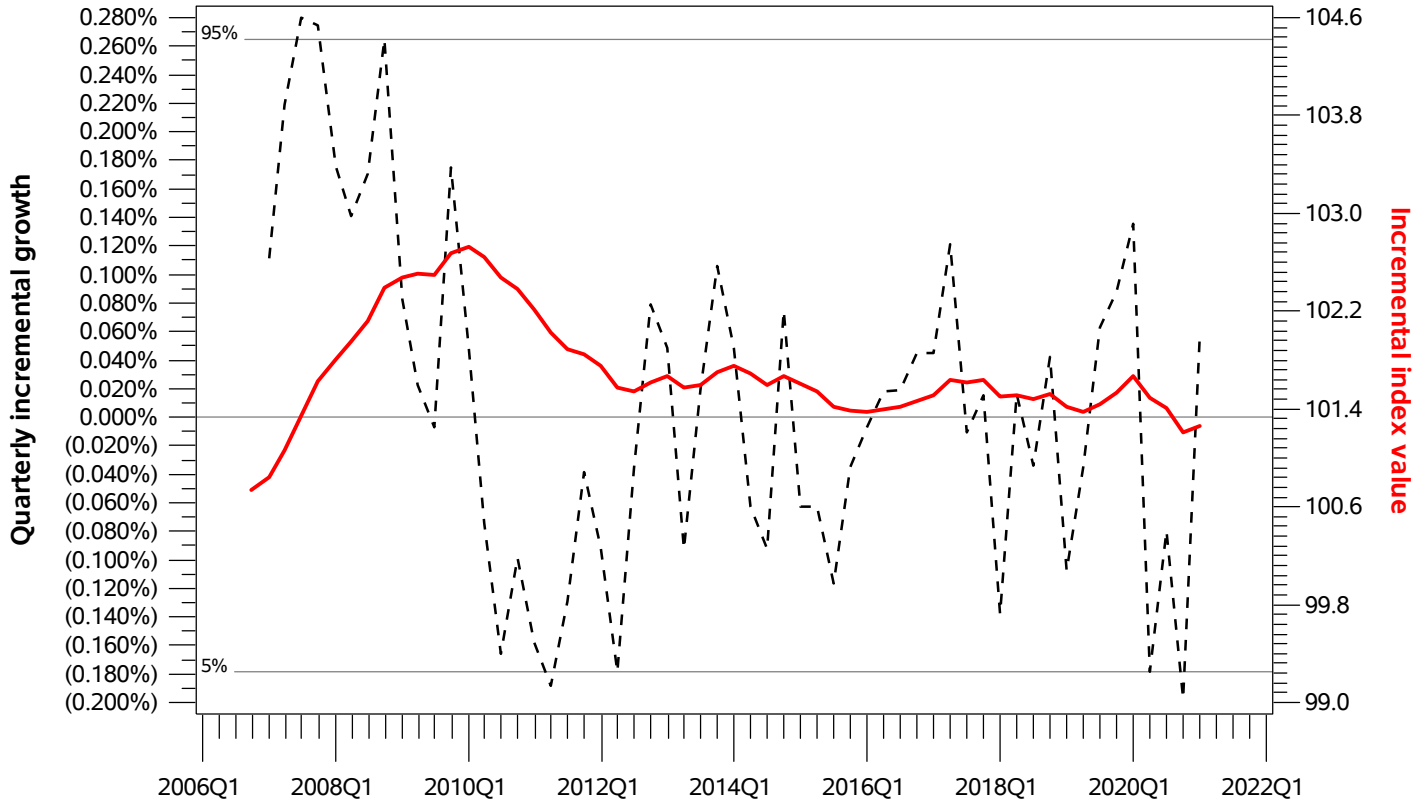


Table 68. ECI: COMP(PRIV) Goods-producing; production, transportation, and material moving incremental growth over ECI: COMP(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU201G0005000001 and CIU201G0000000001

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.8167	Z_{Tau}	-3.3358
Prob Z_{Rho}	0.0095	Prob Z_{Tau}	0.0176

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0081	AR(1) coefficient	-0.6654
Standard error	0.0299	Standard error	0.1007
t-statistic	0.2710	t-statistic	-6.6110
Probability t	0.7874	Durbin-Watson	1.7975

Estimated incremental annual growth rate: 0.032%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

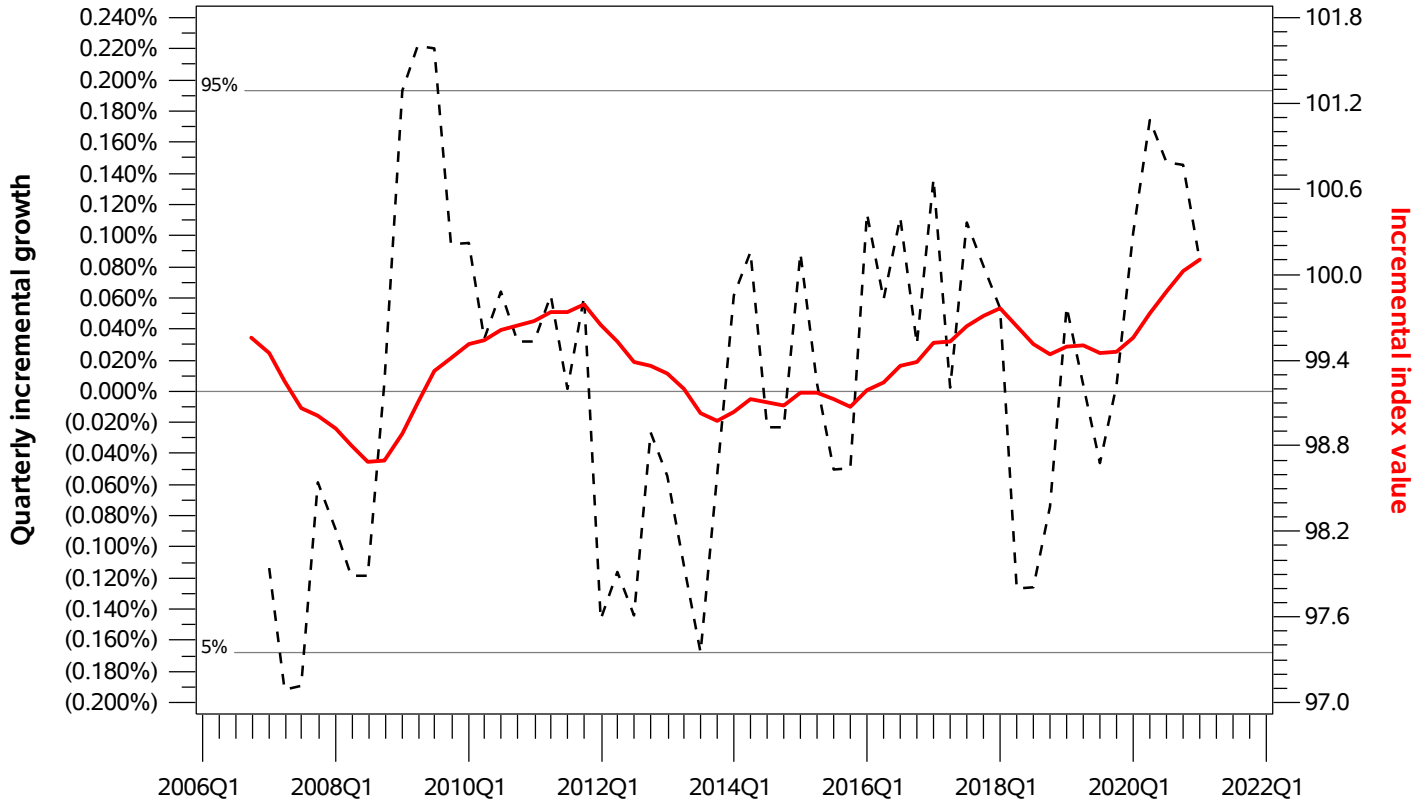


Table 69. ECI: COMP(PRIV) Union, service-providing industries incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000000510I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-16.8734	Z_{Tau}	-3.2624
Prob Z_{Rho}	0.0170	Prob Z_{Tau}	0.0213

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0762	AR(1) coefficient	-0.6798
Standard error	0.0624	Standard error	0.0989
t-statistic	1.2215	t-statistic	-6.8744
Probability t	0.2271	Durbin-Watson	1.9661

Estimated incremental annual growth rate: 0.305%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

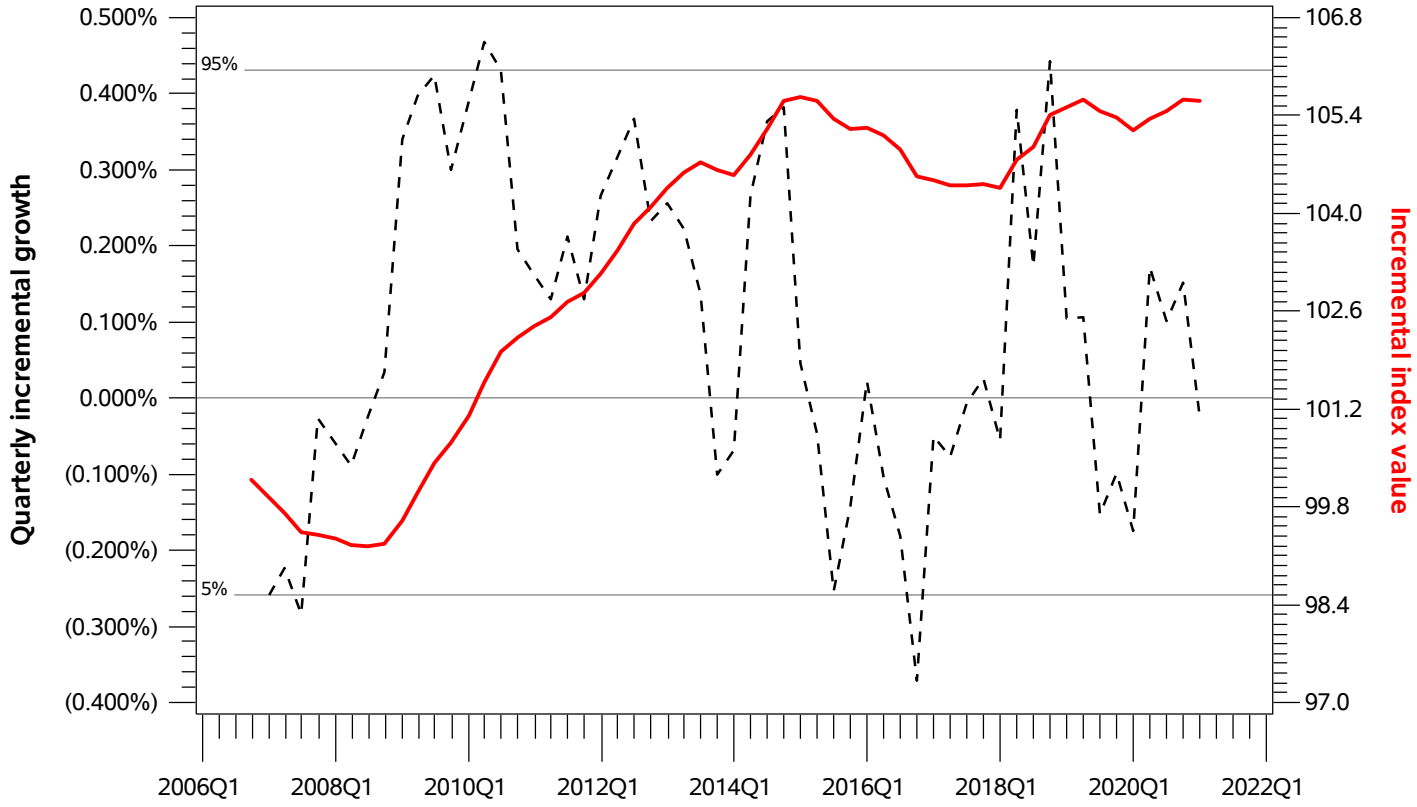


Table 70. ECI: COMP(PRIV) Nonunion, service-providing industries incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000000520I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-27.6191	Z_{Tau}	-4.3502
Prob Z_{Rho}	0.0006	Prob Z_{Tau}	0.0009

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0090	AR(1) coefficient	-0.4961
Standard error	0.0061	Standard error	0.1171
t-statistic	-1.4706	t-statistic	-4.2370
Probability t	0.1471	Durbin-Watson	1.9240

Estimated incremental annual growth rate: (0.036%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

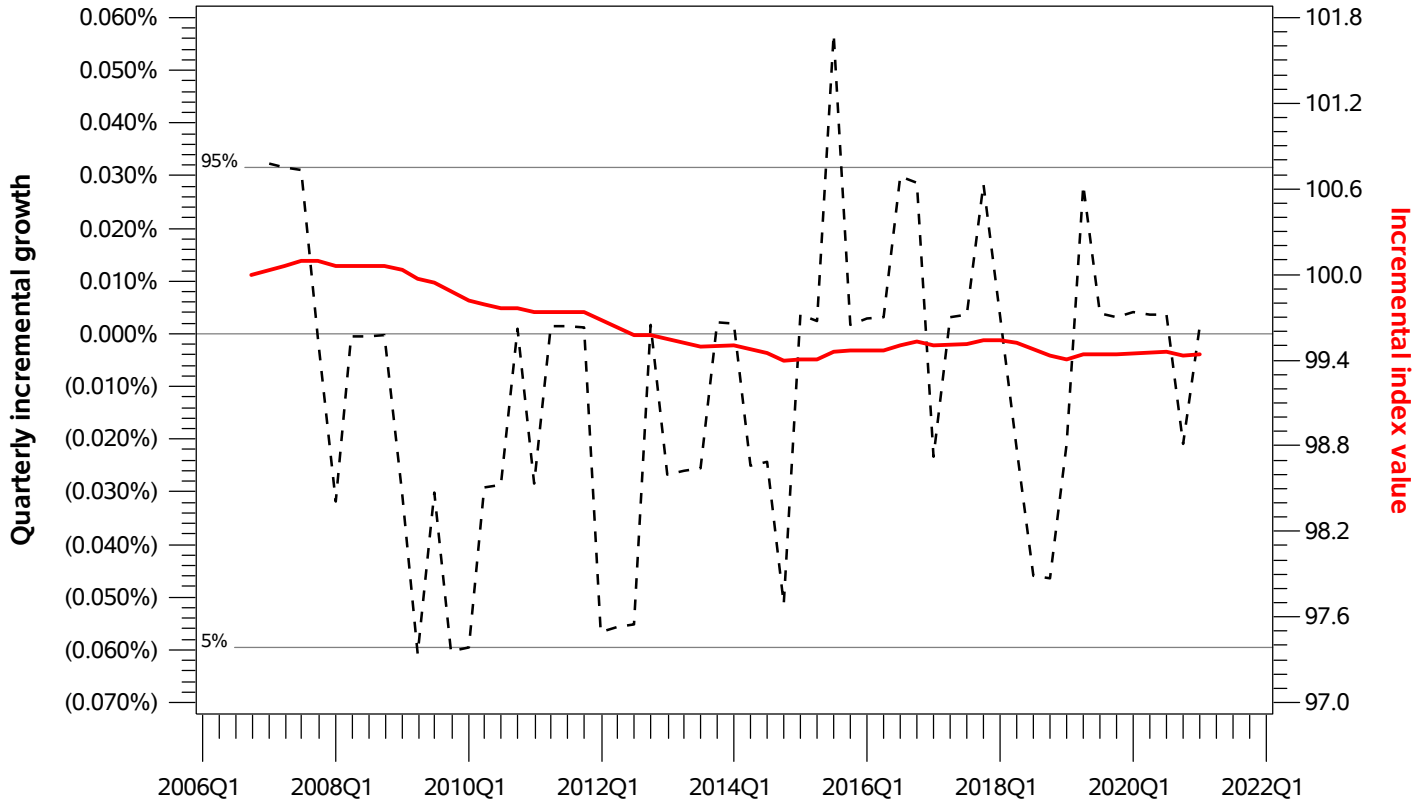


Table 71. ECI: COMP(PRIV) Service-providing, excluding incentive paid occupations incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000000710I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.1743	Z_{Tau}	-4.3324
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0010

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0014	AR(1) coefficient	-0.4900
Standard error	0.0124	Standard error	0.1175
t-statistic	0.1157	t-statistic	-4.1683
Probability t	0.9083	Durbin-Watson	1.9259

Estimated incremental annual growth rate: 0.006%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

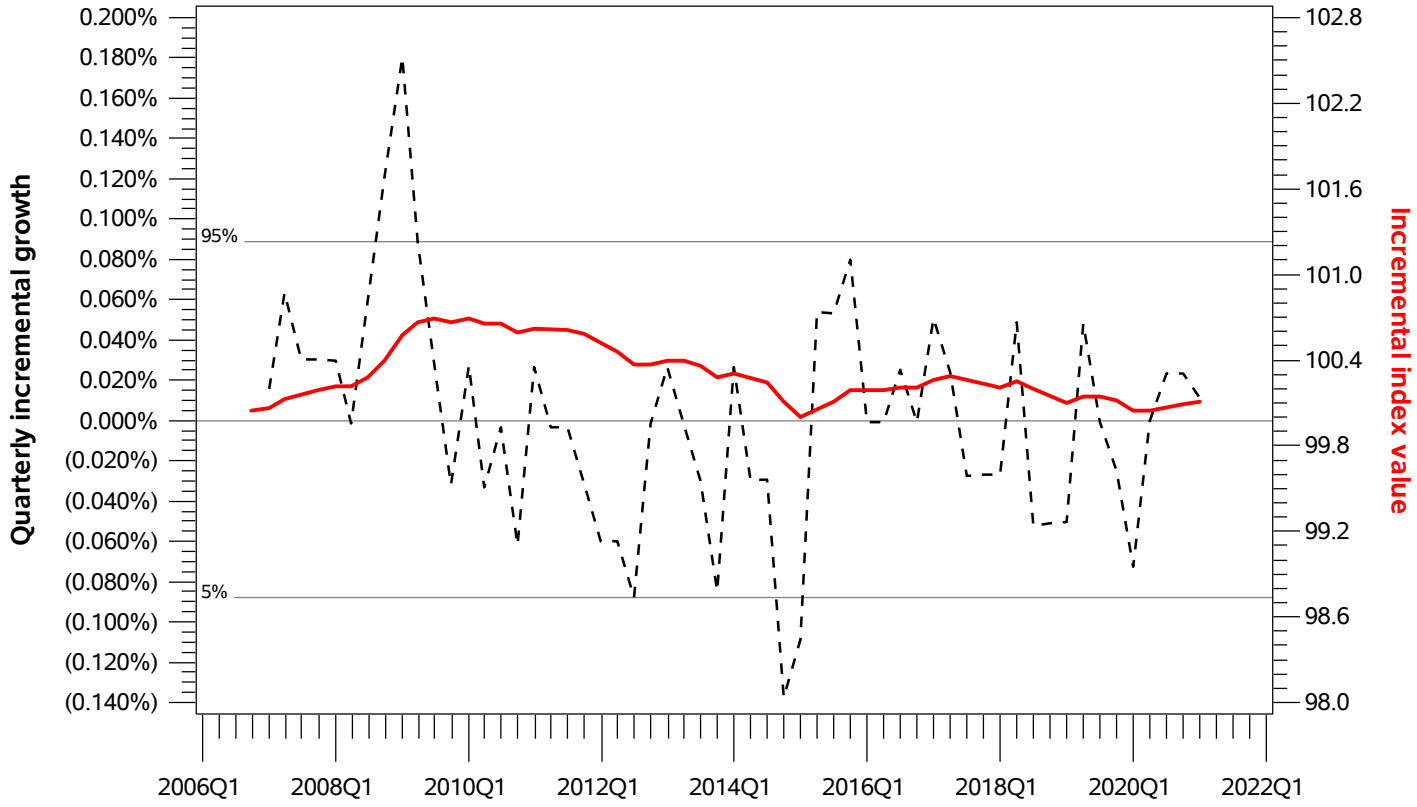


Table 72. ECI: COMP(PRIV) Service-providing; management, professional, and related occupations incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000100000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-19.3356	Z_{Tau}	-3.4611
Prob Z_{Rho}	0.0081	Prob Z_{Tau}	0.0126

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0285	AR(1) coefficient	-0.6515
Standard error	0.0232	Standard error	0.1023
t-statistic	-1.2271	t-statistic	-6.3680
Probability t	0.2250	Durbin-Watson	1.9265

Estimated incremental annual growth rate: (0.114%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

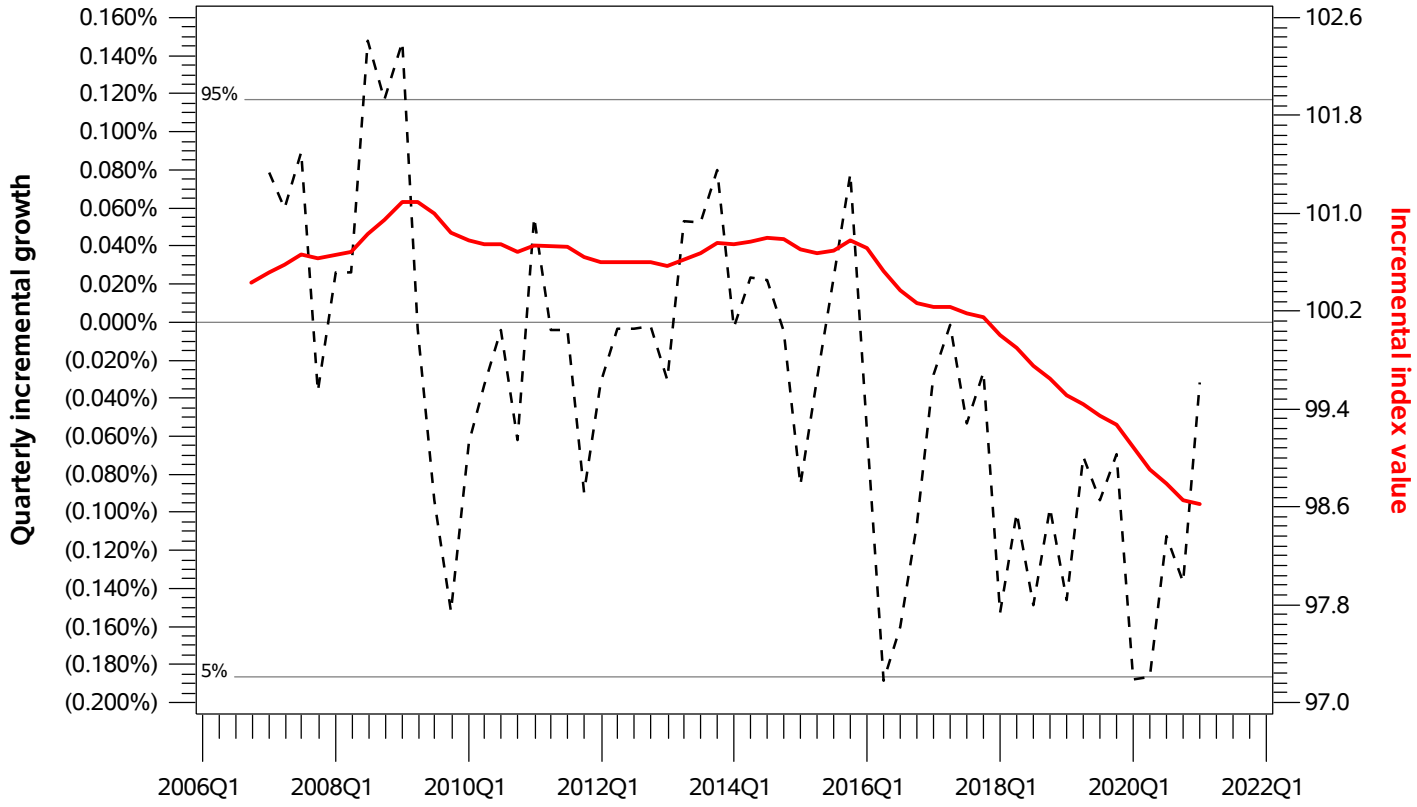


Table 73. ECI: COMP(PRIV) Service-providing, sales and office occupations incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000200000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-35.0619	Z_{Tau}	-5.0211
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0137	AR(1) coefficient	-0.3601
Standard error	0.0220	Standard error	0.1258
t-statistic	0.6208	t-statistic	-2.8628
Probability t	0.5373	Durbin-Watson	2.0564

Estimated incremental annual growth rate: 0.055%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

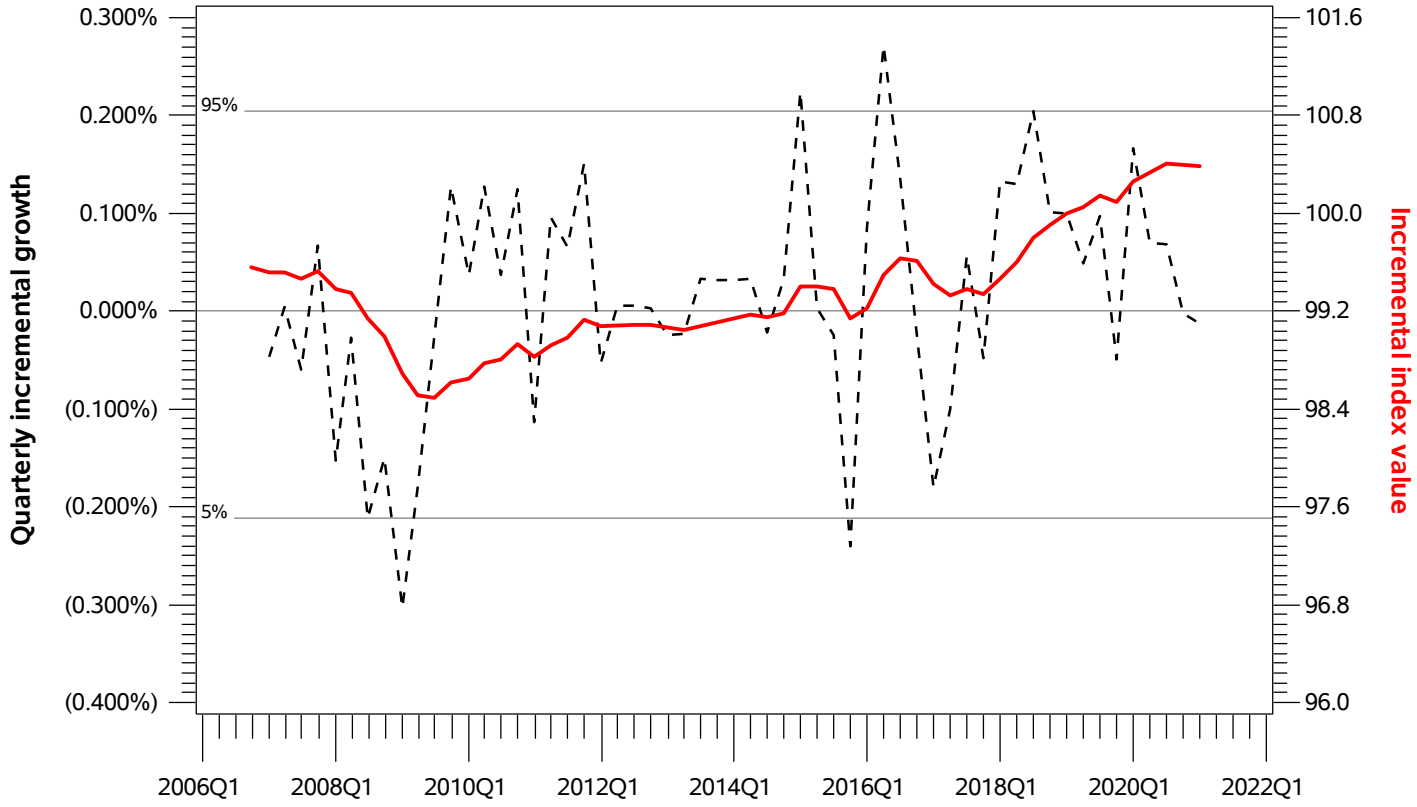


Table 74. ECI: COMP(PRIV) Service-providing, service occupations incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000300000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-13.3116	Z_{Tau}	-2.7009
Prob Z_{Rho}	0.0476	Prob Z_{Tau}	0.0800

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0555	AR(1) coefficient	-0.7643
Standard error	0.0540	Standard error	0.0870
t-statistic	1.0289	t-statistic	-8.7892
Probability t	0.3080	Durbin-Watson	1.8552

Estimated incremental annual growth rate: 0.222%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

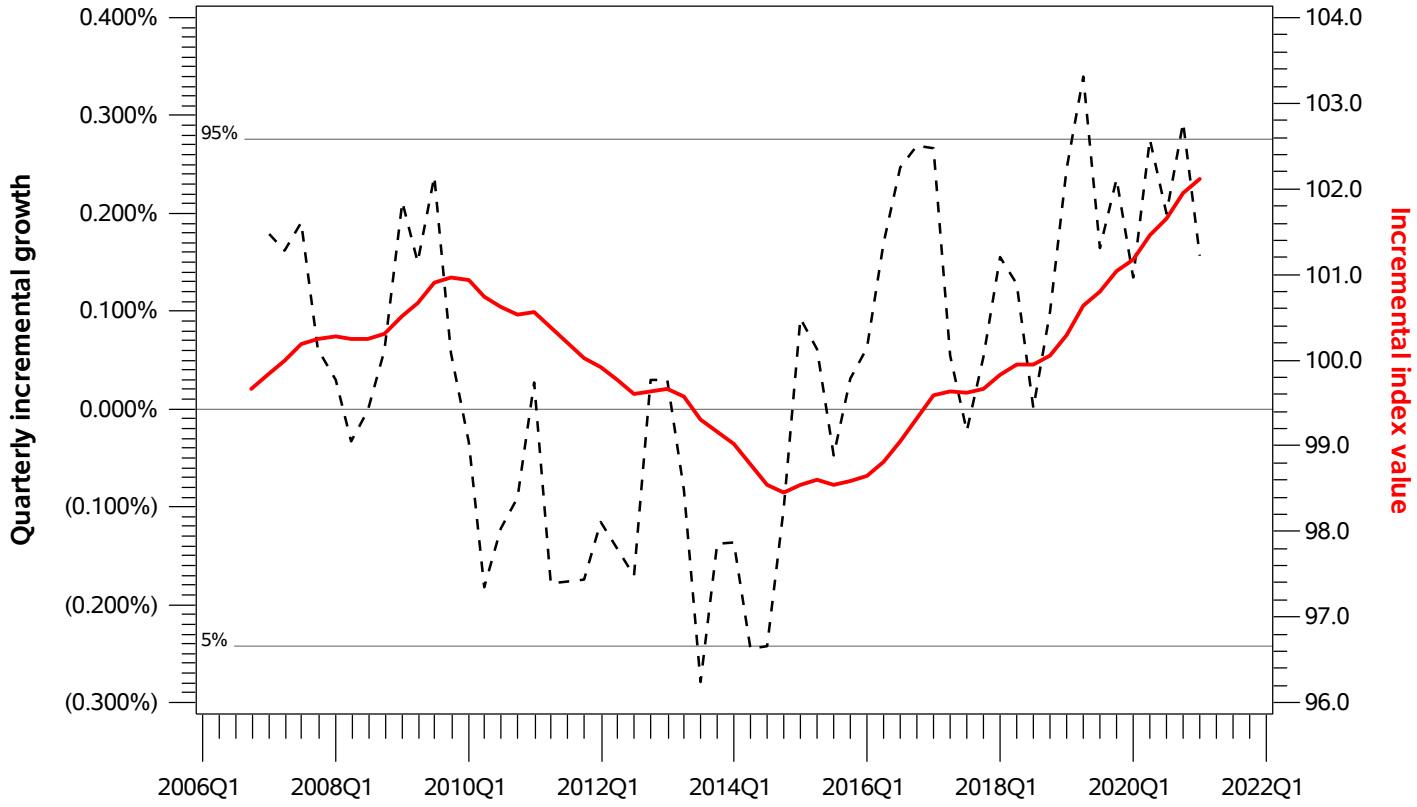


Table 75. ECI: COMP(PRIV) Service-providing; natural resources, construction, and maintenance incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000400000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.8775	Z_{Tau}	-3.8623
Prob Z_{Rho}	0.0027	Prob Z_{Tau}	0.0040

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0182	AR(1) coefficient	-0.5944
Standard error	0.0512	Standard error	0.1084
t-statistic	-0.3548	t-statistic	-5.4813
Probability t	0.7241	Durbin-Watson	1.7566

Estimated incremental annual growth rate: (0.073%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

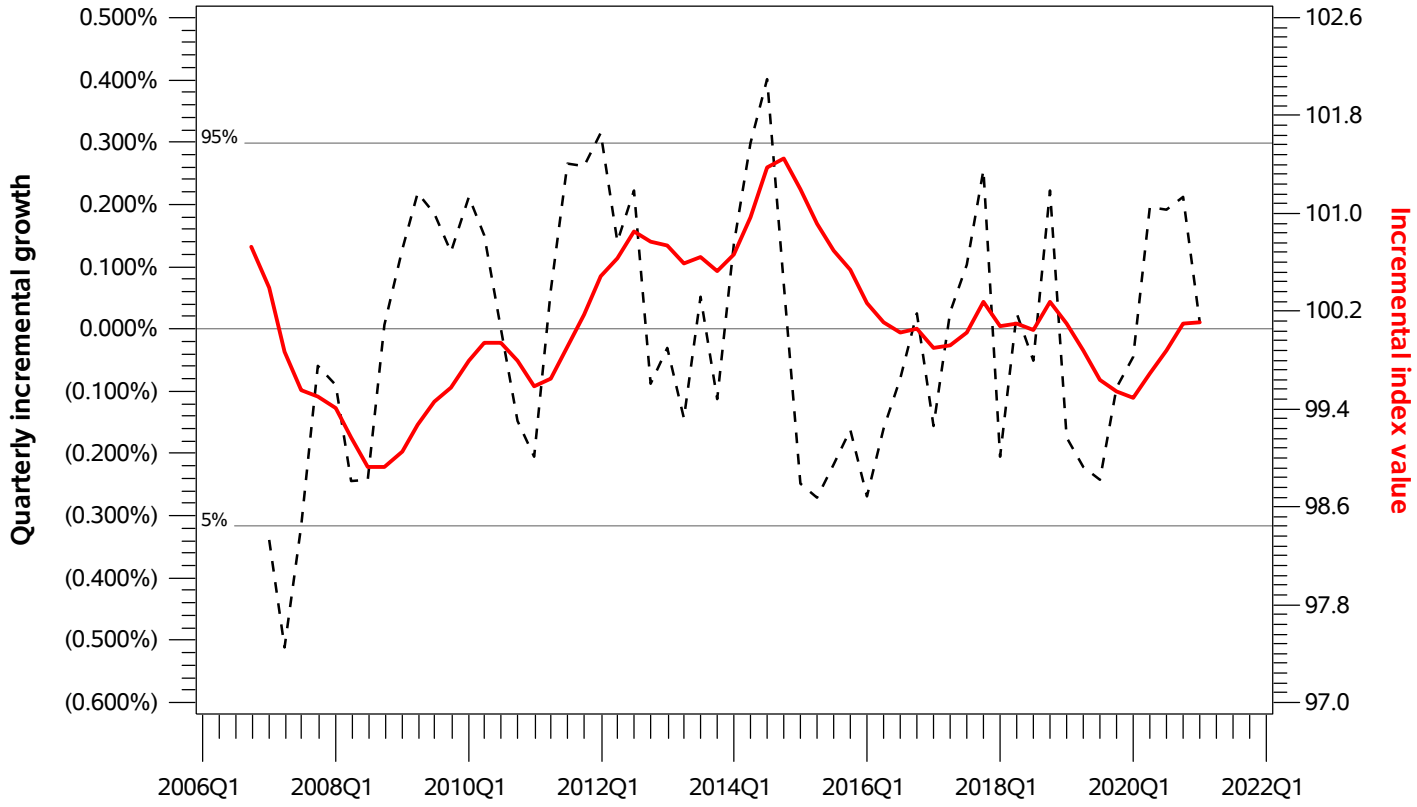


Table 76. ECI: COMP(PRIV) Service-providing; production, transportation, and material moving incremental growth over ECI: COMP(PRIV) Service-providing industries

LABSTAT series identifiers: CIU201S000500000I and CIU201S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.5623	Z_{Tau}	-4.0165
Prob Z_{Rho}	0.0022	Prob Z_{Tau}	0.0025

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0874	AR(1) coefficient	-0.5666
Standard error	0.0307	Standard error	0.1111
t-statistic	2.8419	t-statistic	-5.0990
Probability t	0.0063	Durbin-Watson	1.8677

Estimated incremental annual growth rate: 0.350%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.350%

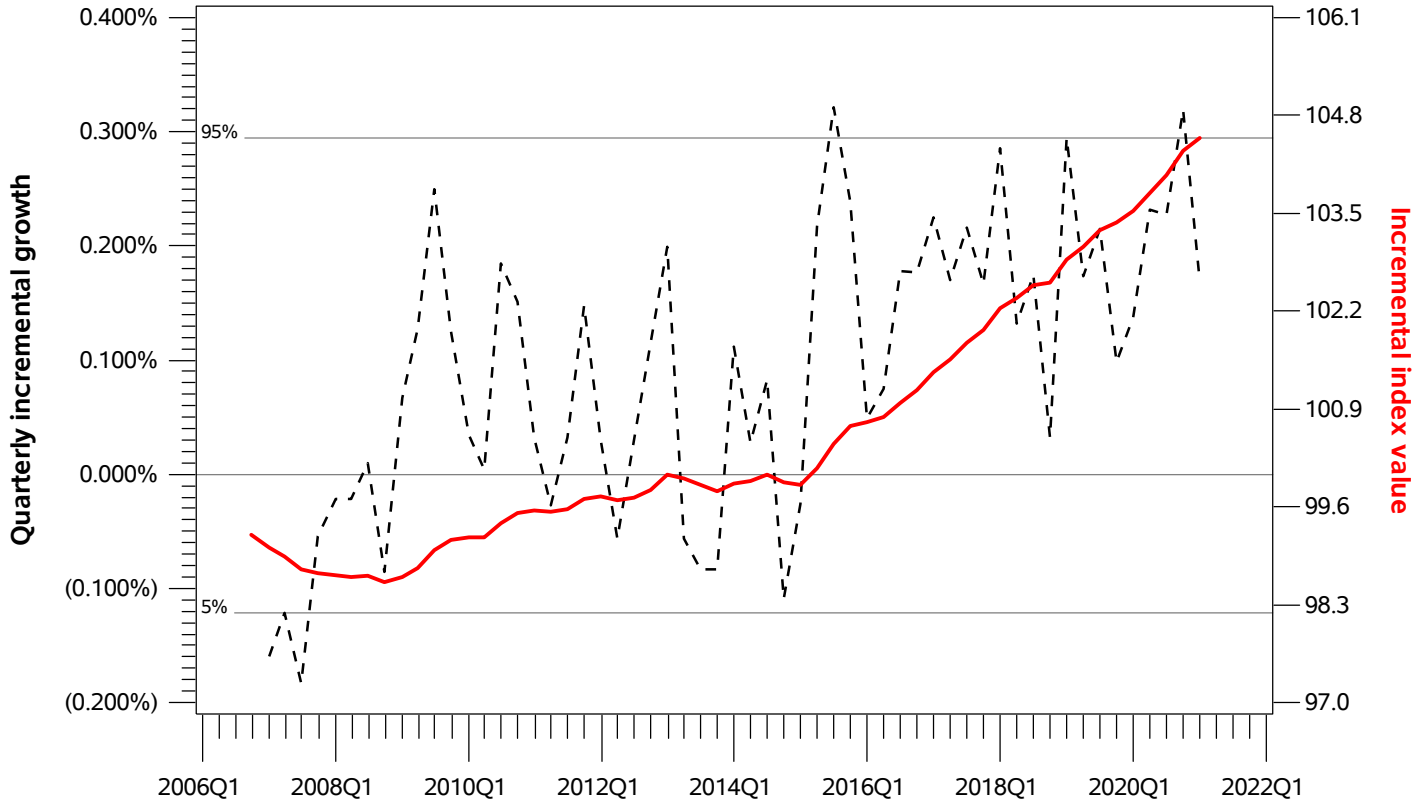


Table 77. ECI: W&S(PRIV) All union workers incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000000510I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-16.1011	Z_{Tau}	-3.3593
Prob Z_{Rho}	0.0214	Prob Z_{Tau}	0.0165

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0143	AR(1) coefficient	-0.6268
Standard error	0.0388	Standard error	0.1051
t-statistic	0.3679	t-statistic	-5.9656
Probability t	0.7144	Durbin-Watson	2.4441

Estimated incremental annual growth rate: 0.057%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

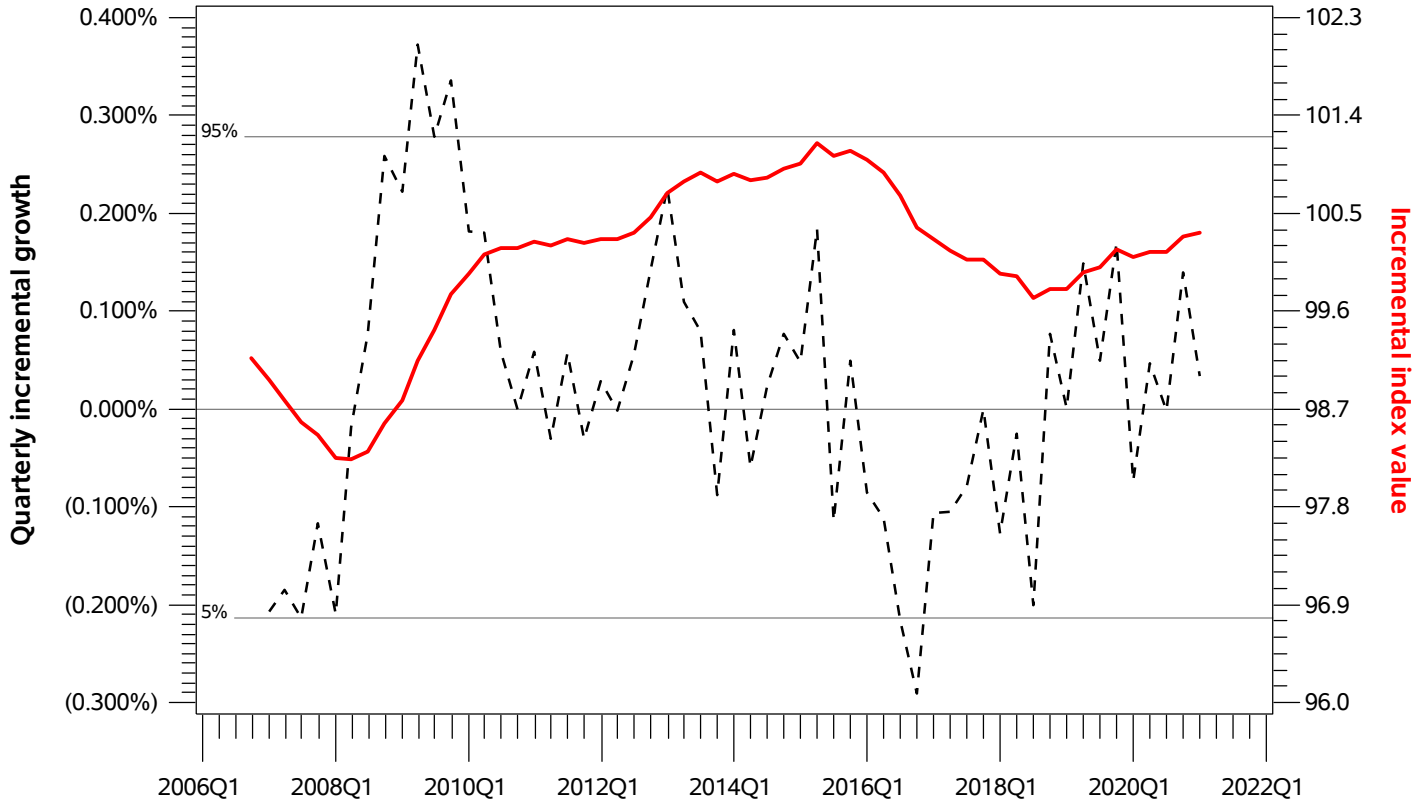


Table 78. ECI: W&S(PRIV) All nonunion workers incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000000520I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.3086	Z_{Tau}	-4.6065
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0004

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0030	AR(1) coefficient	-0.4127
Standard error	0.0048	Standard error	0.1228
t-statistic	-0.6372	t-statistic	-3.3603
Probability t	0.5266	Durbin-Watson	2.2904

Estimated incremental annual growth rate: (0.012%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

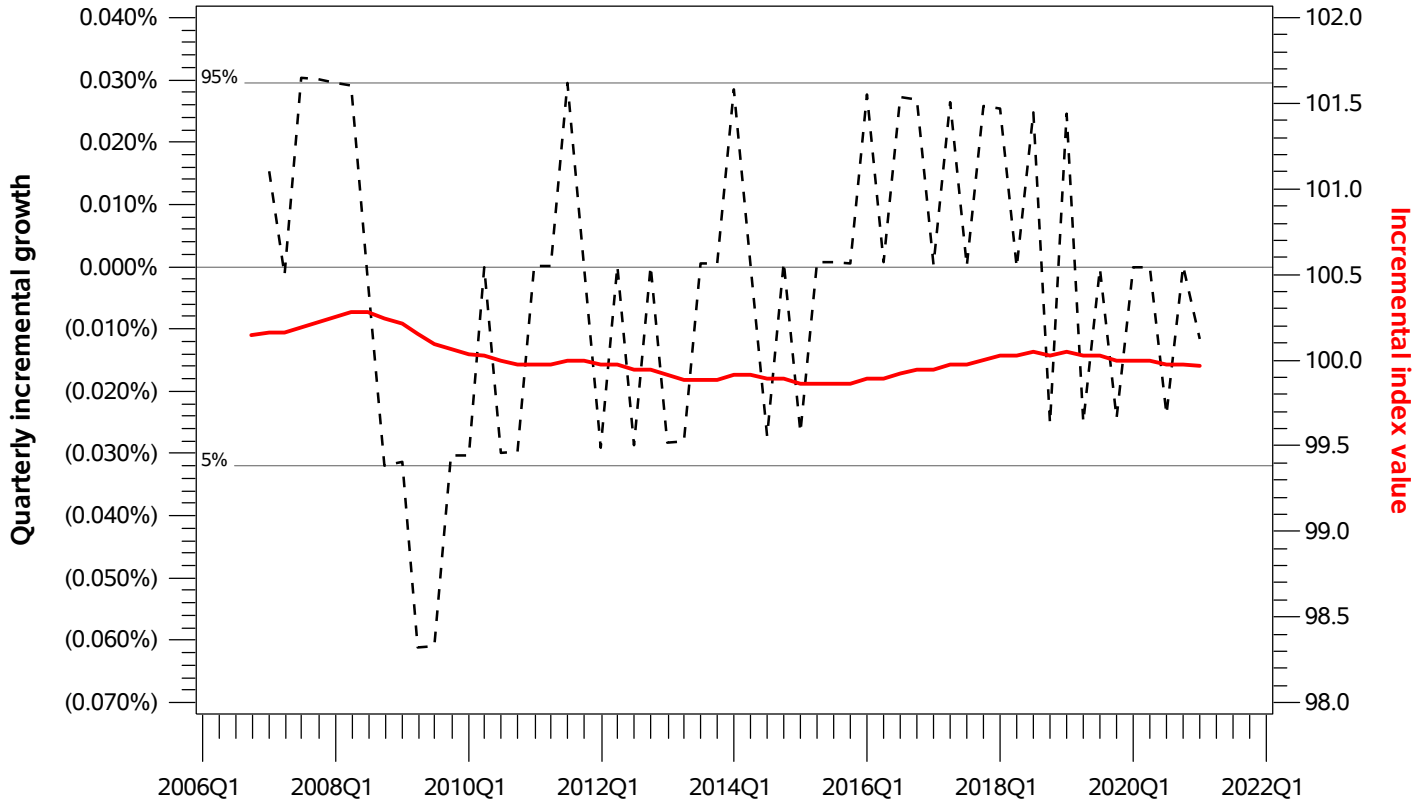


Table 79. ECI: W&S(PRIV) All workers, excluding incentive paid incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU20200000000710I and CIU20200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.9243	Z_{Tau}	-4.0571
Prob Z_{Rho}	0.0010	Prob Z_{Tau}	0.0022

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0019	AR(1) coefficient	-0.5219
Standard error	0.0143	Standard error	0.1150
t-statistic	-0.1342	t-statistic	-4.5371
Probability t	0.8937	Durbin-Watson	2.0680

Estimated incremental annual growth rate: (0.008%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

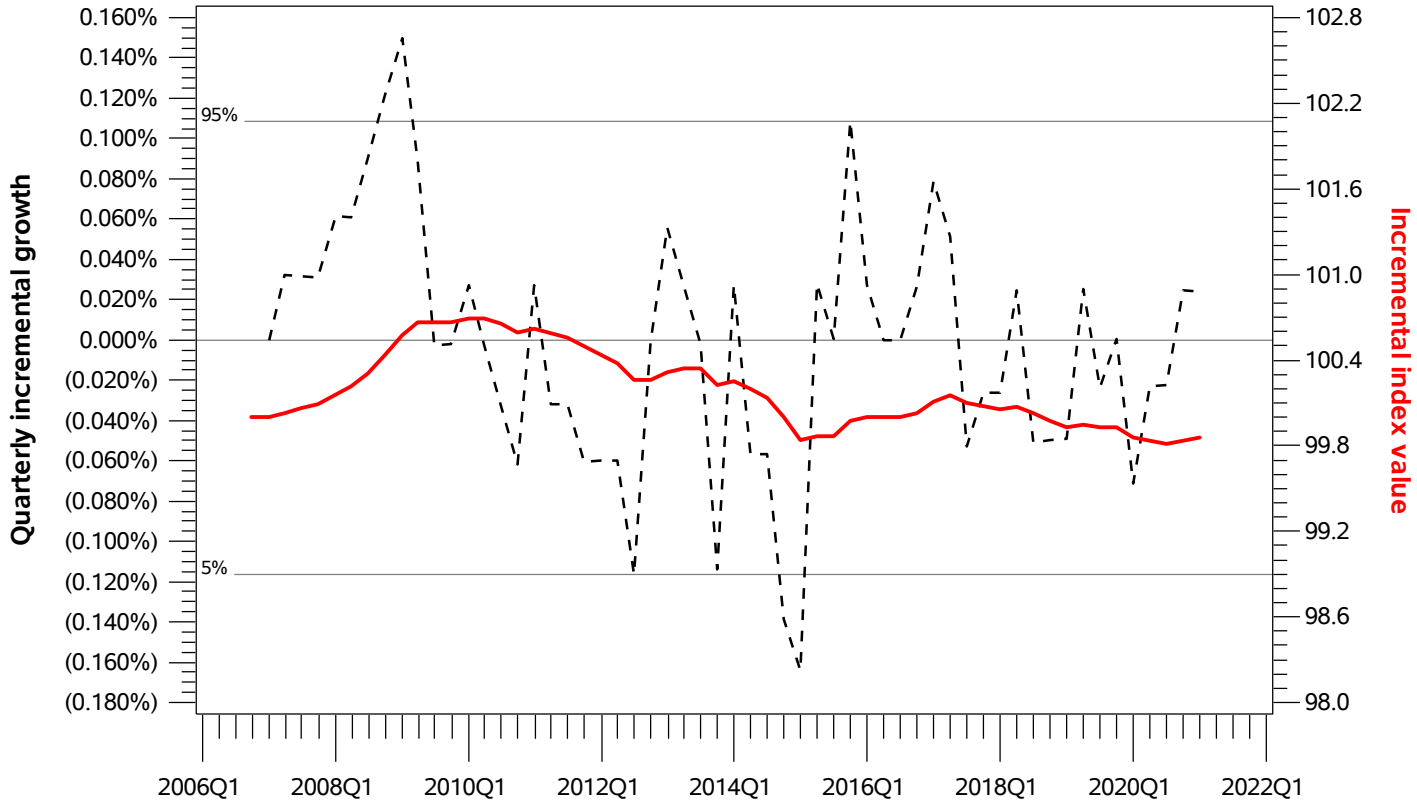


Table 80. ECI: W&S(PRIV) Management, professional, and related incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000100000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-20.3044	Z_{Tau}	-3.4849
Prob Z_{Rho}	0.0060	Prob Z_{Tau}	0.0118

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0310	AR(1) coefficient	-0.6323
Standard error	0.0258	Standard error	0.1045
t-statistic	-1.2009	t-statistic	-6.0532
Probability t	0.2349	Durbin-Watson	1.9497

Estimated incremental annual growth rate: (0.124%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

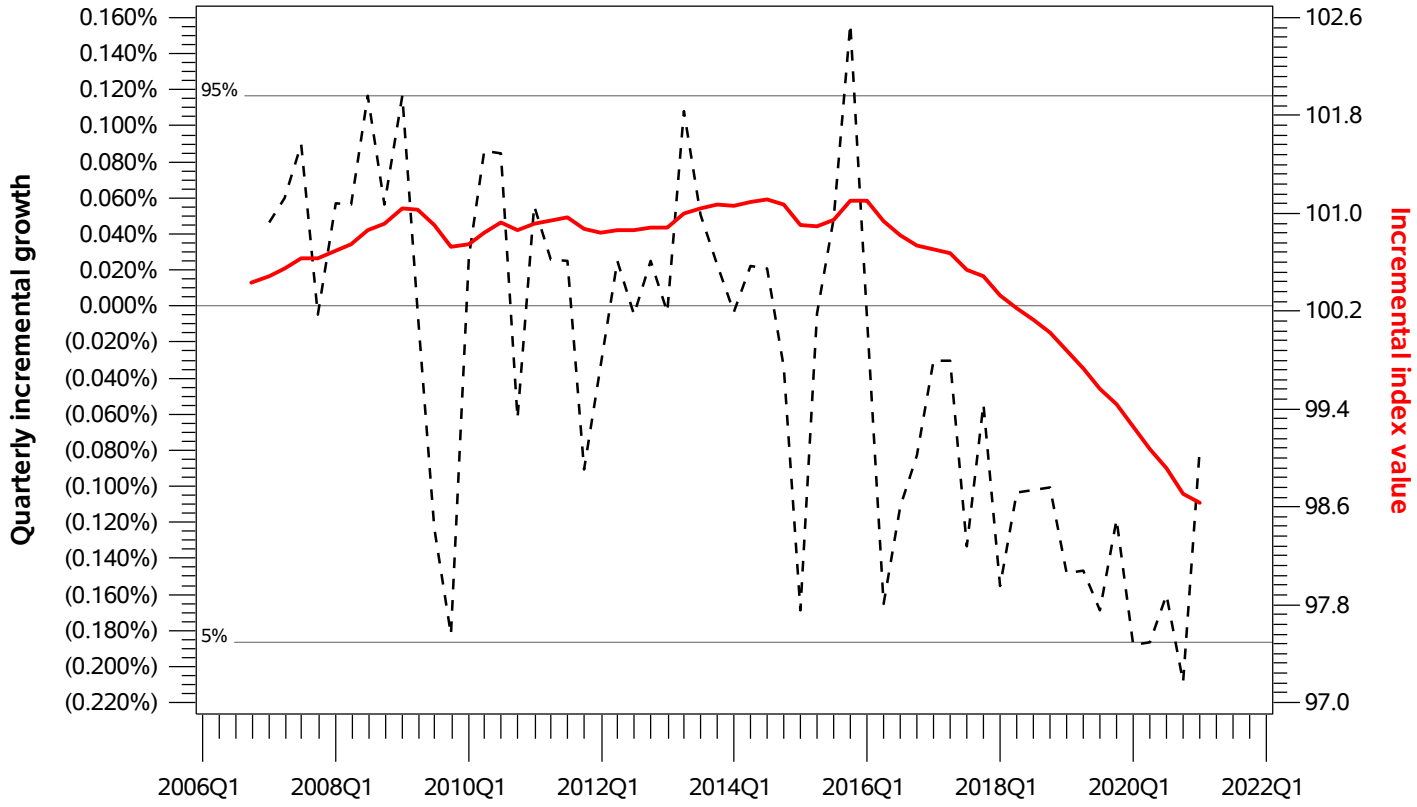


Table 81. ECI: W&S(PRIV) Management, professional, and related; excluding incentive paid incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000100710I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-15.2247	Z_{Tau}	-2.9404
Prob Z_{Rho}	0.0276	Prob Z_{Tau}	0.0469

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0441	AR(1) coefficient	-0.7315
Standard error	0.0324	Standard error	0.0919
t-statistic	-1.3618	t-statistic	-7.9554
Probability t	0.1788	Durbin-Watson	1.8577

Estimated incremental annual growth rate: (0.176%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

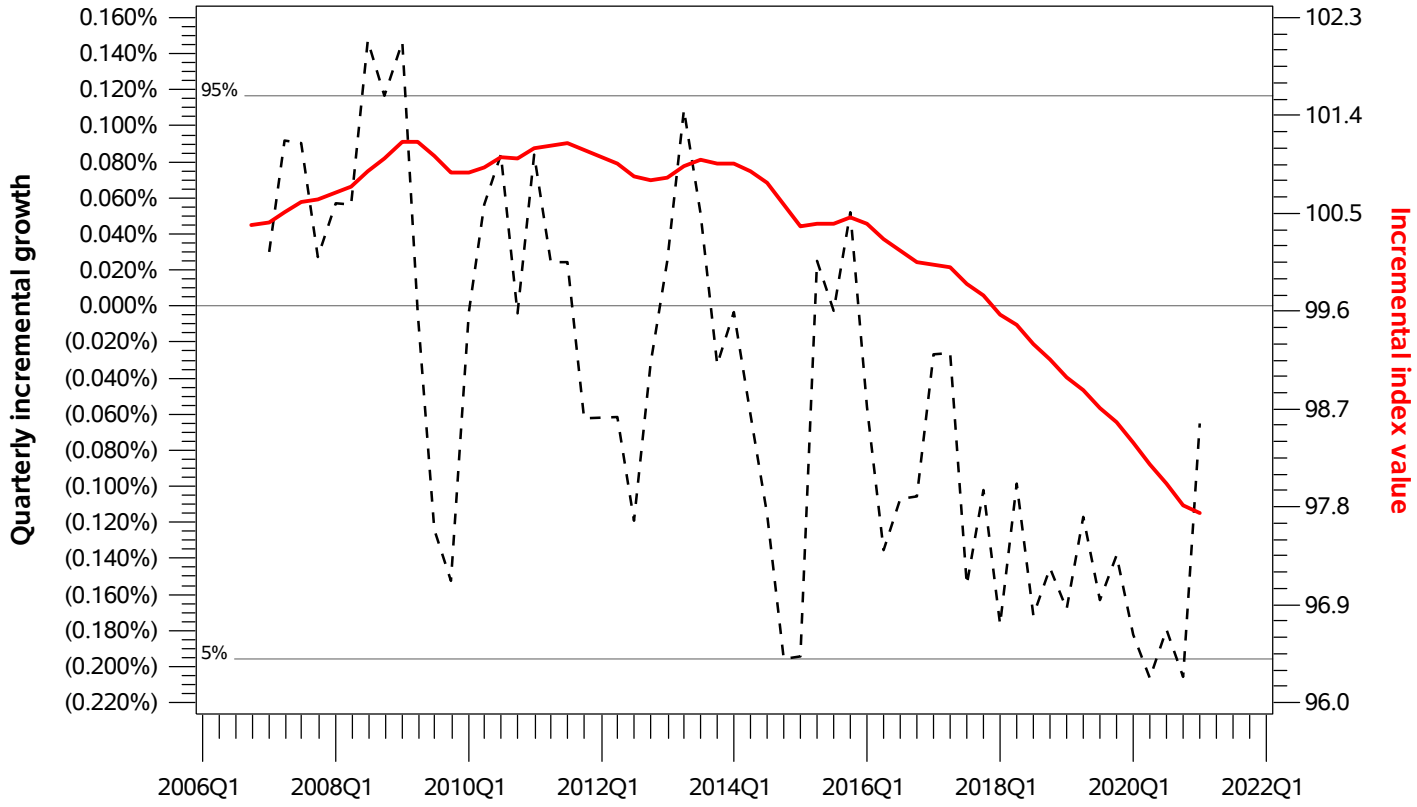


Table 82. ECI: W&S(PRIV) Management, business, and financial incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000110000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.7645	Z_{Tau}	-4.3960
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0008

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0102	AR(1) coefficient	-0.4826
Standard error	0.0305	Standard error	0.1181
t-statistic	-0.3335	t-statistic	-4.0869
Probability t	0.7400	Durbin-Watson	1.6275

Estimated incremental annual growth rate: (0.041%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

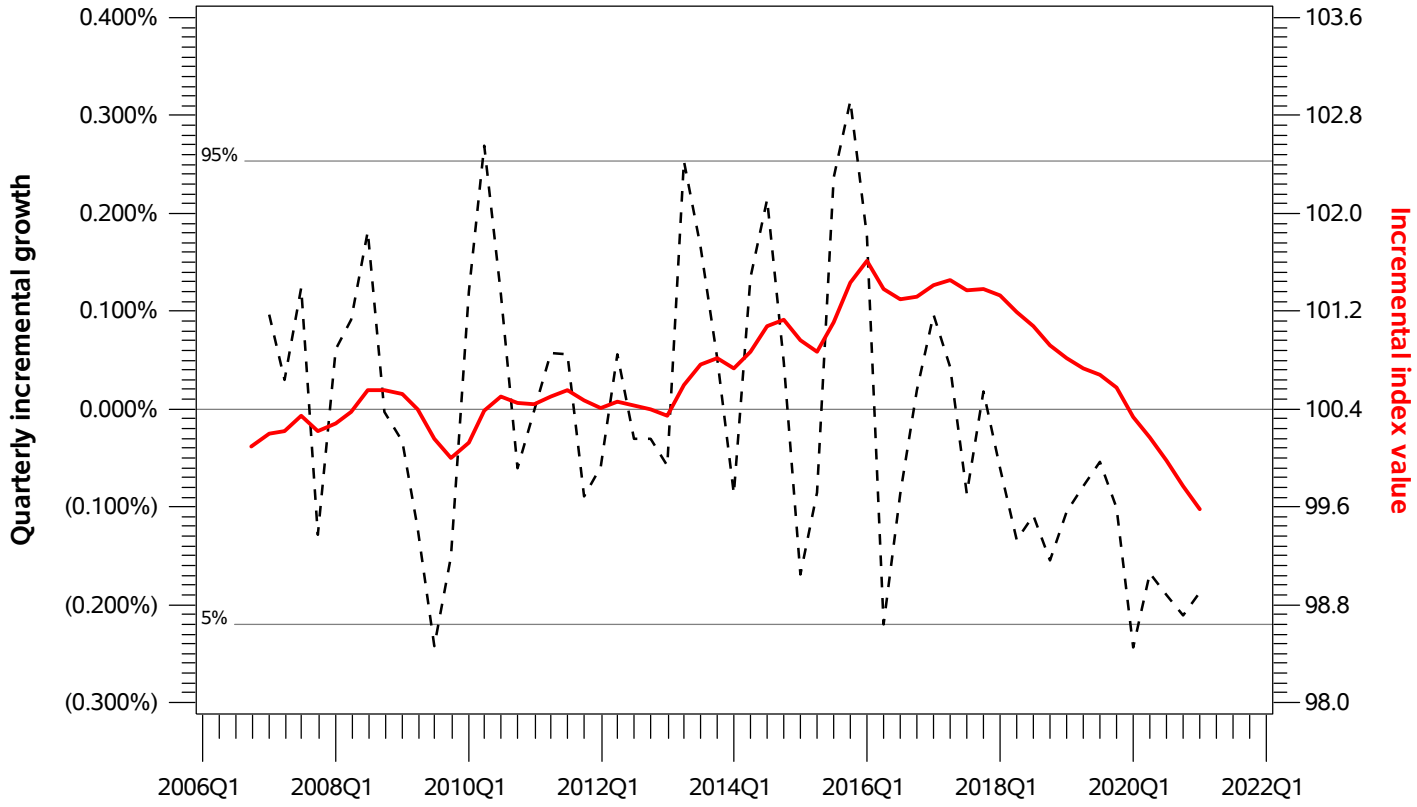


Table 83. ECI: W&S(PRIV) Management, business, and financial; excluding incentive paid incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000110710I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.4835	Z_{Tau}	-3.5011
Prob Z_{Rho}	0.0042	Prob Z_{Tau}	0.0113

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0336	AR(1) coefficient	-0.6406
Standard error	0.0356	Standard error	0.1035
t-statistic	-0.9444	t-statistic	-6.1874
Probability t	0.3491	Durbin-Watson	1.6605

Estimated incremental annual growth rate: (0.134%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

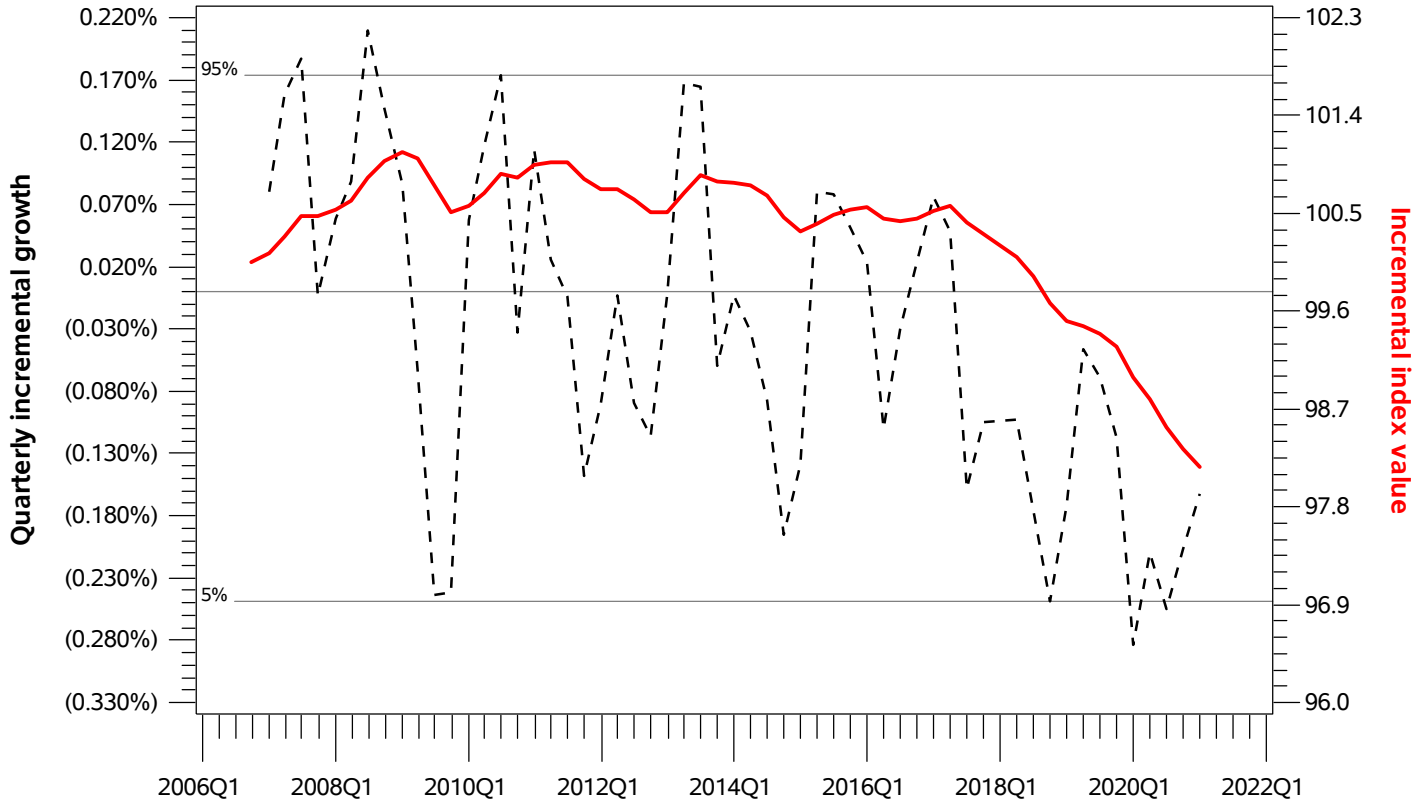


Table 84. ECI: W&S(PRIV) Professional and related incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU20200001200000I and CIU20200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-15.8506	Z_{Tau}	-3.0902
Prob Z_{Rho}	0.0230	Prob Z_{Tau}	0.0328

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0447	AR(1) coefficient	-0.6684
Standard error	0.0296	Standard error	0.1003
t-statistic	-1.5070	t-statistic	-6.6652
Probability t	0.1375	Durbin-Watson	2.2199

Estimated incremental annual growth rate: (0.178%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

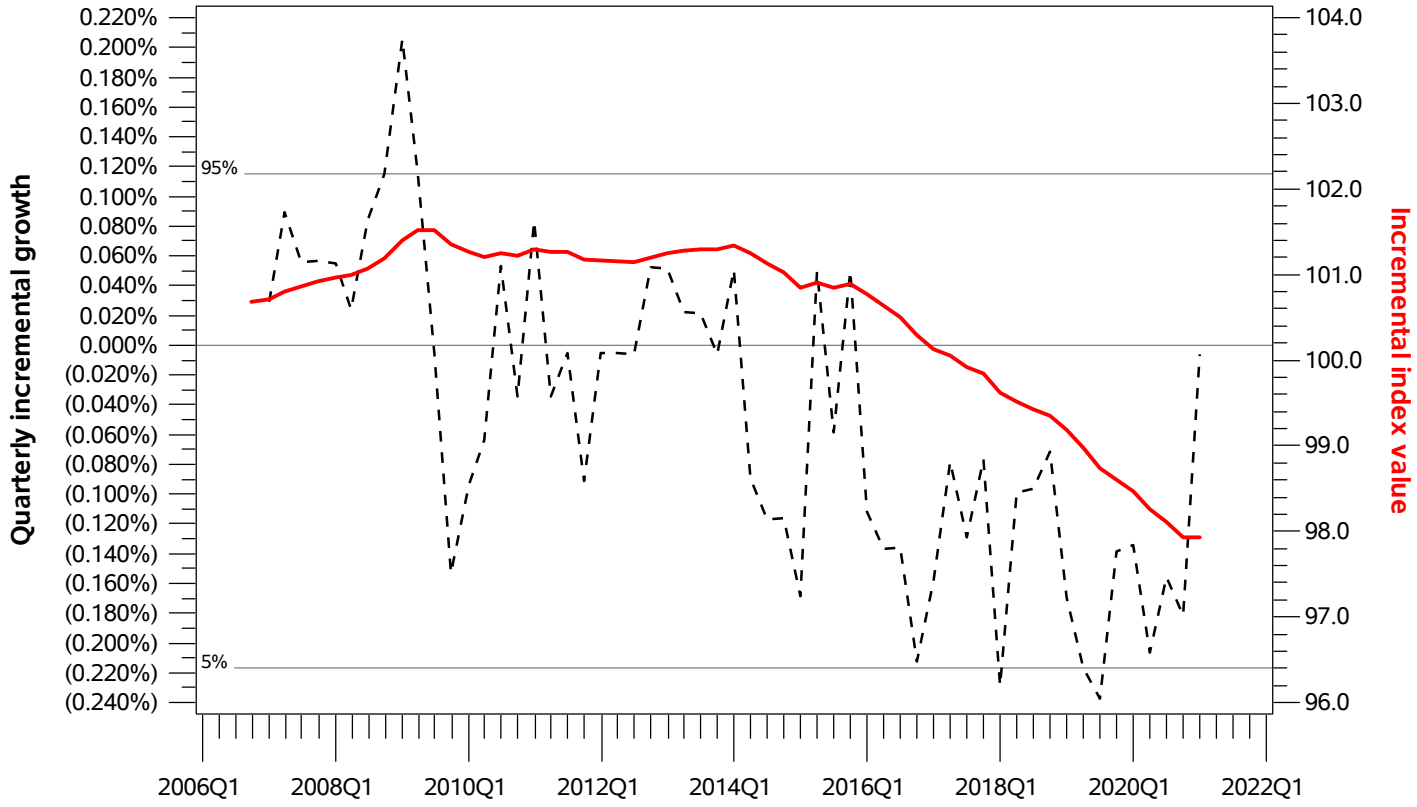


Table 85. ECI: W&S(PRIV) Sales and office incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000200000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-34.7404	Z_{Tau}	-5.0739
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0160	AR(1) coefficient	-0.3521
Standard error	0.0268	Standard error	0.1262
t-statistic	0.5968	t-statistic	-2.7901
Probability t	0.5531	Durbin-Watson	2.0956

Estimated incremental annual growth rate: 0.064%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

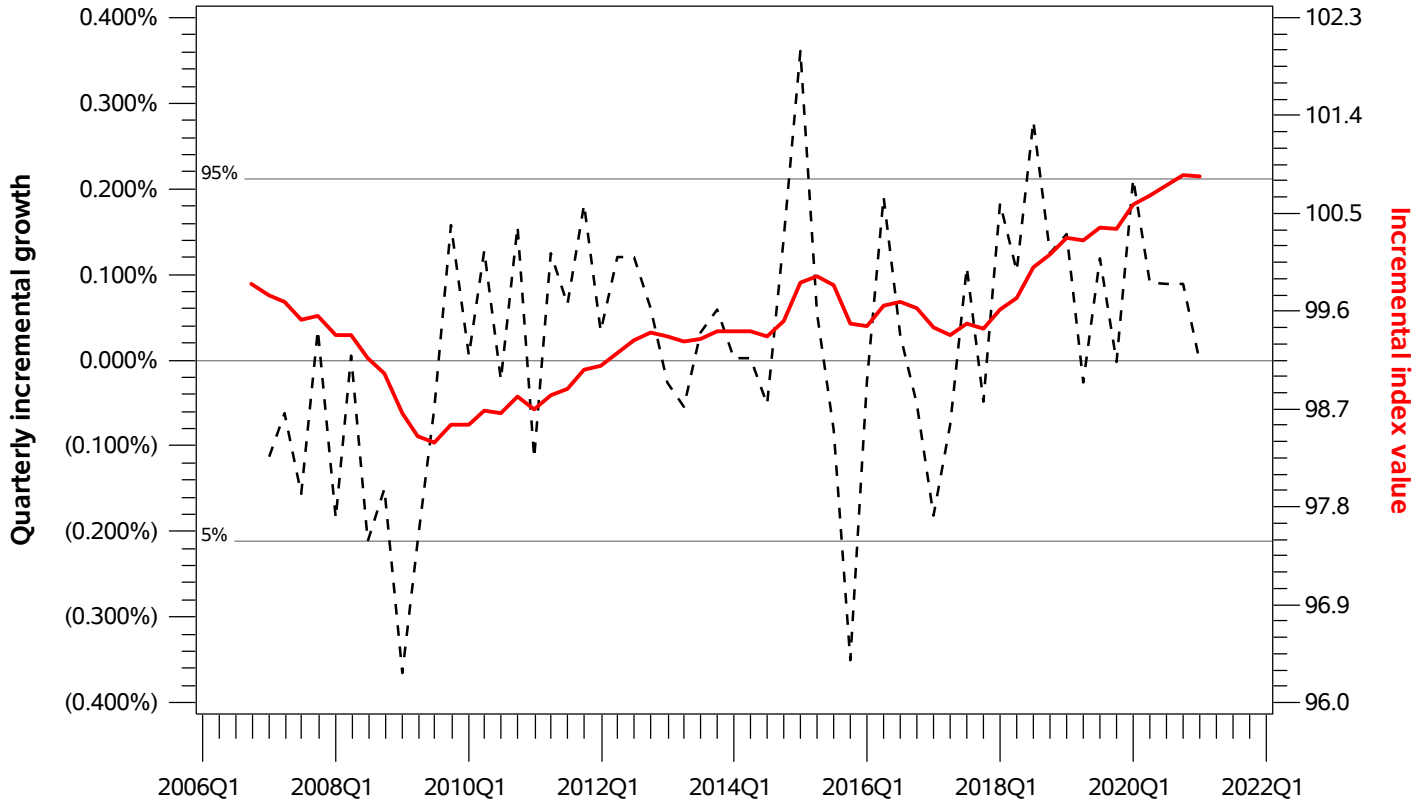


Table 86. ECI: W&S(PRIV) Sales and office, excluding incentive paid incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000200710I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-20.7832	Z_{Tau}	-3.4945
Prob Z_{Rho}	0.0052	Prob Z_{Tau}	0.0115

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0355	AR(1) coefficient	-0.6382
Standard error	0.0250	Standard error	0.1038
t-statistic	1.4232	t-statistic	-6.1482
Probability t	0.1603	Durbin-Watson	1.9086

Estimated incremental annual growth rate: 0.142%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

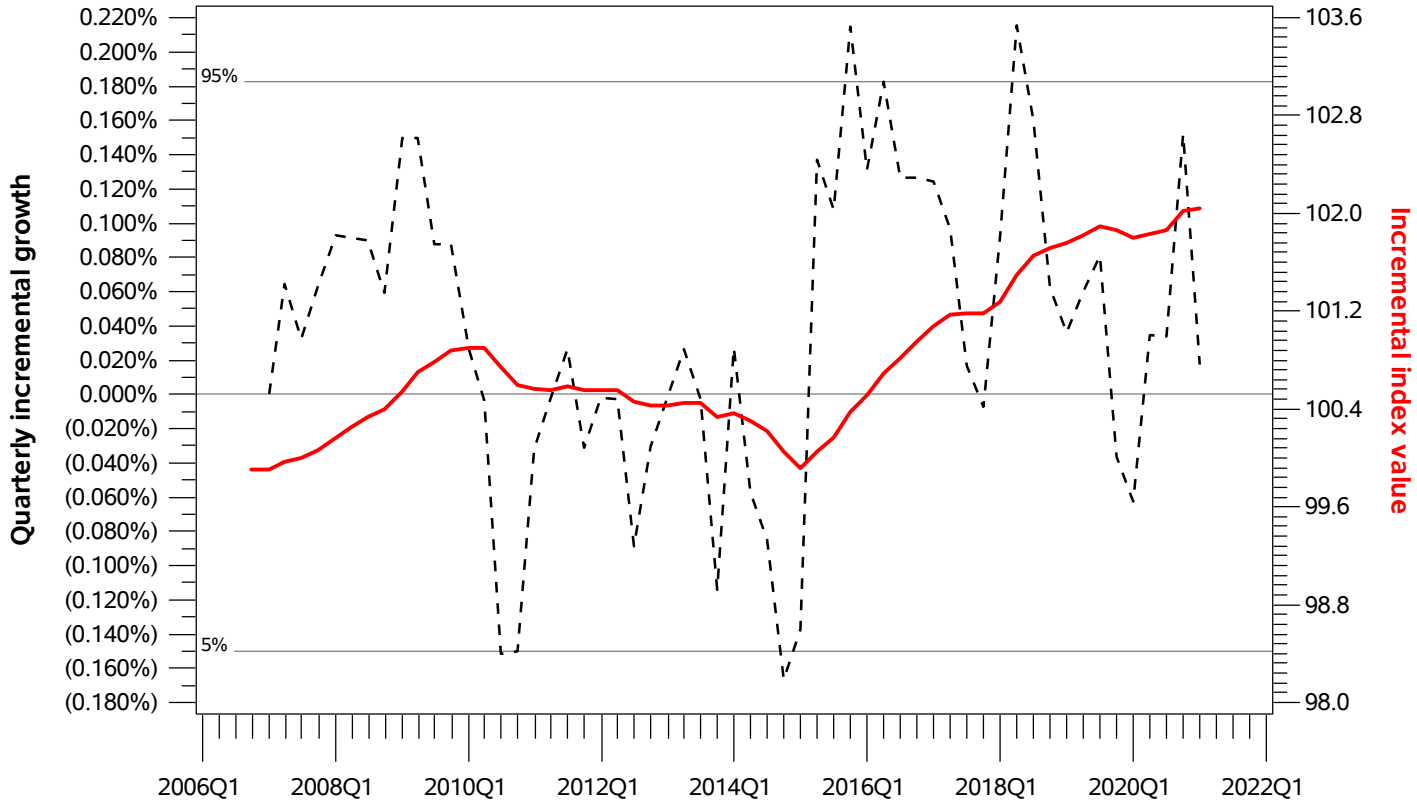


Table 87. ECI: W&S(PRIV) Sales and related incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000210000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.5998	Z_{Tau}	-4.7147
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0154	AR(1) coefficient	-0.4127
Standard error	0.0761	Standard error	0.1228
t-statistic	-0.2028	t-statistic	-3.3605
Probability t	0.8400	Durbin-Watson	2.0903

Estimated incremental annual growth rate: (0.062%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

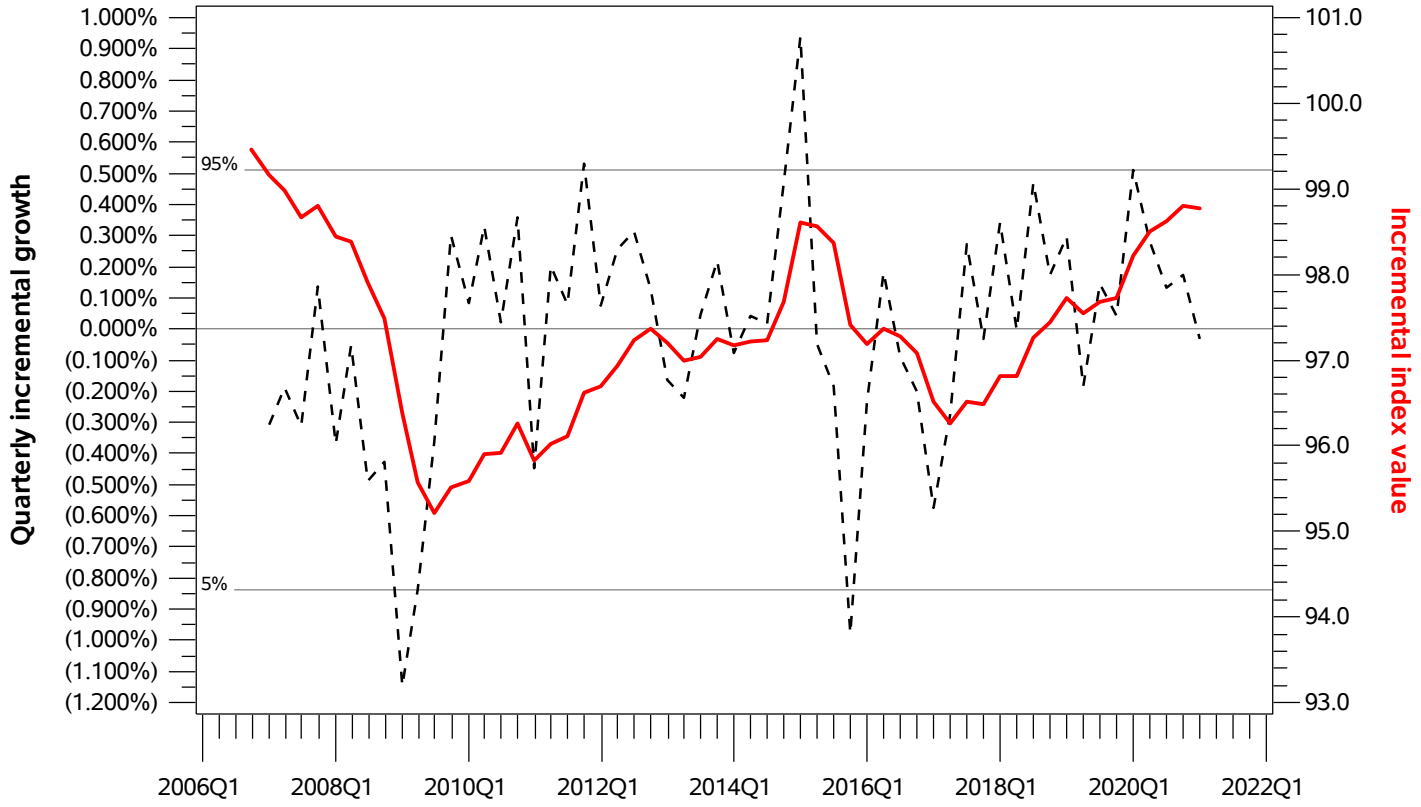


Table 88. ECI: W&S(PRIV) Sales and related, excluding incentive paid incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000210710I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-19.1311	Z_{Tau}	-3.3349
Prob Z_{Rho}	0.0086	Prob Z_{Tau}	0.0176

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0329	AR(1) coefficient	-0.6744
Standard error	0.0465	Standard error	0.0996
t-statistic	0.7078	t-statistic	-6.7740
Probability t	0.4821	Durbin-Watson	1.8164

Estimated incremental annual growth rate: 0.132%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

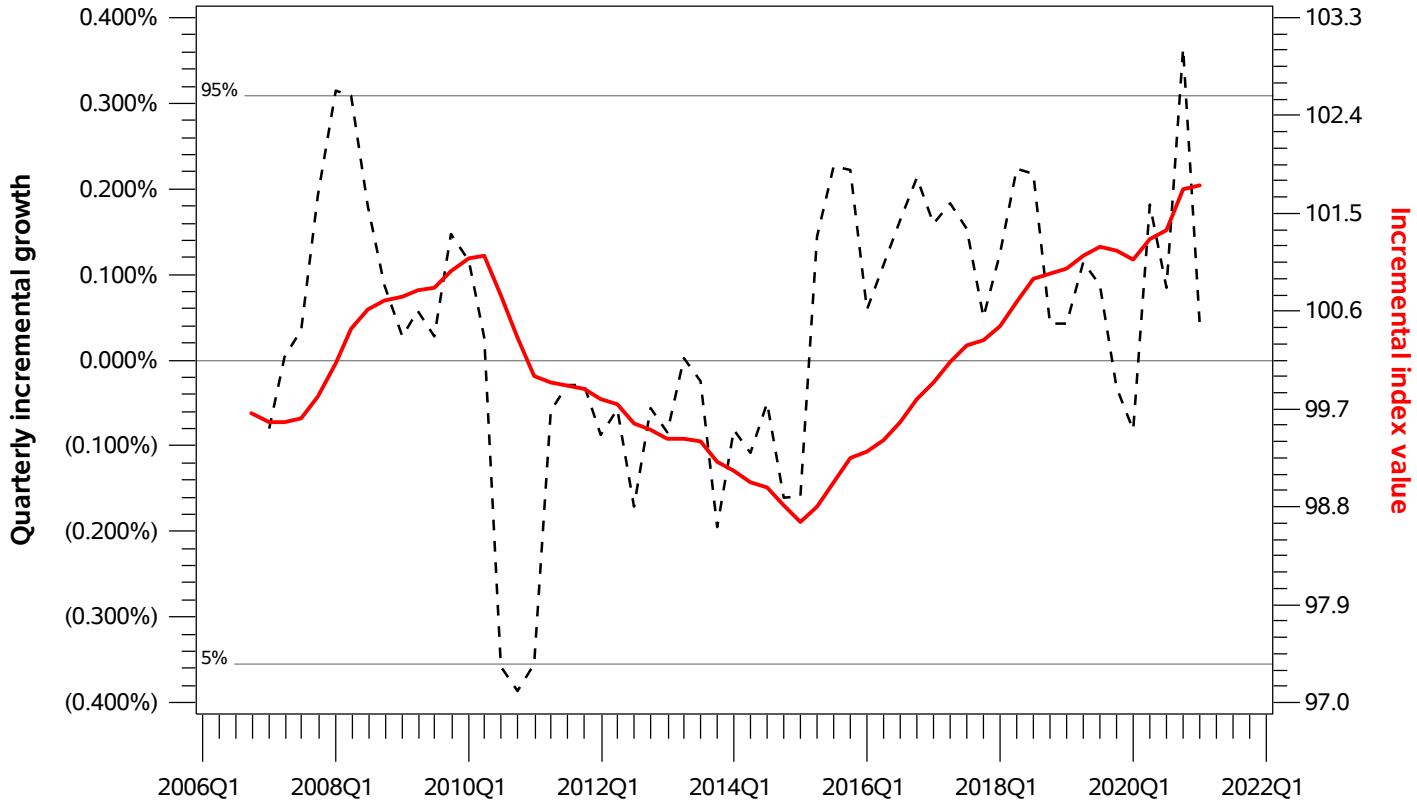


Table 89. ECI: W&S(PRIV) Office and administrative support incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000220000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.6811	Z_{Tau}	-3.9435
Prob Z_{Rho}	0.0011	Prob Z_{Tau}	0.0031

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0383	AR(1) coefficient	-0.5649
Standard error	0.0222	Standard error	0.1113
t-statistic	1.7273	t-statistic	-5.0767
Probability t	0.0897	Durbin-Watson	1.8487

Estimated incremental annual growth rate: 0.153%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.153%

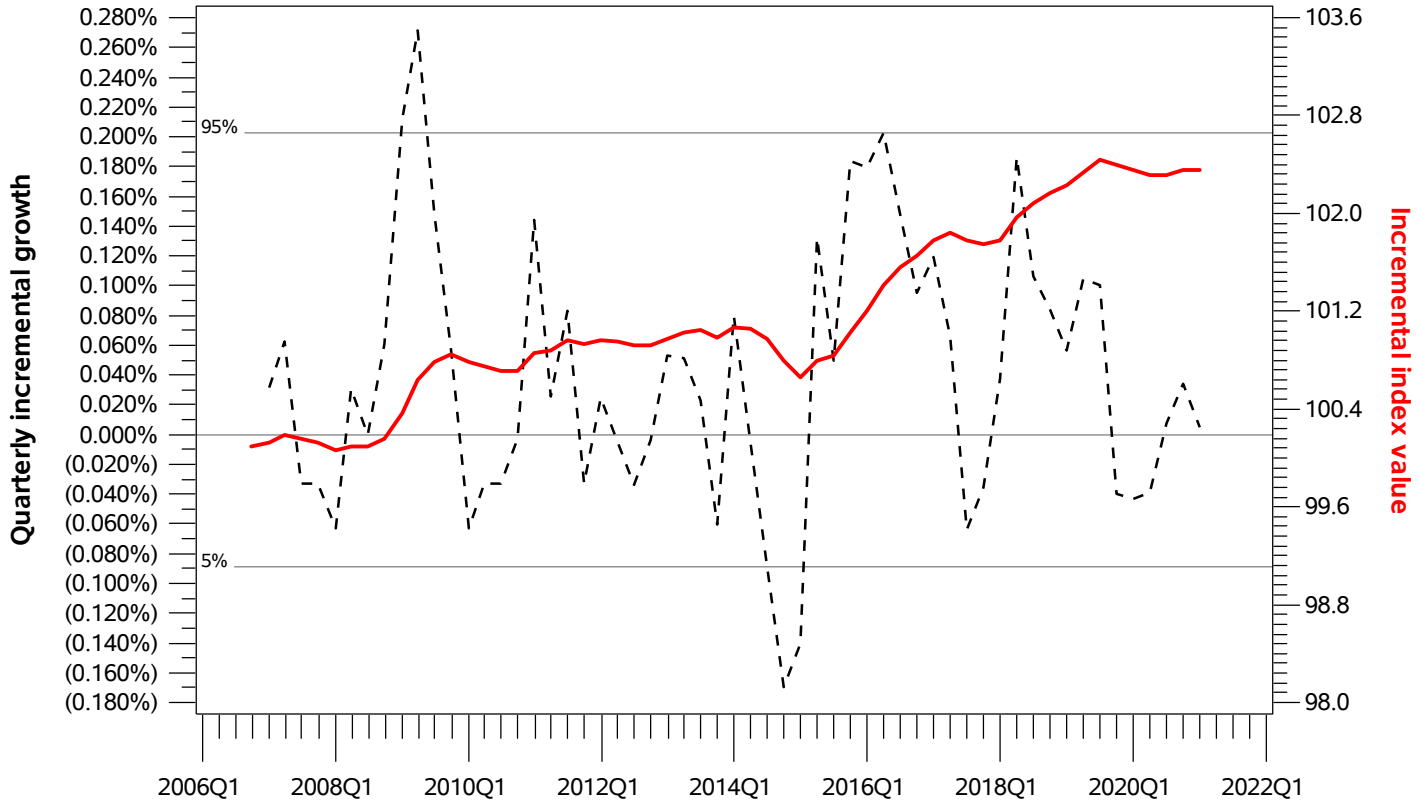


Table 90. ECI: W&S(PRIV) Service occupations incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000300000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-12.9850	Z_{Tau}	-2.7048
Prob Z_{Rho}	0.0522	Prob Z_{Tau}	0.0793

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0776	AR(1) coefficient	-0.7583
Standard error	0.0577	Standard error	0.0879
t-statistic	1.3445	t-statistic	-8.6277
Probability t	0.1843	Durbin-Watson	1.9769

Estimated incremental annual growth rate: 0.311%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

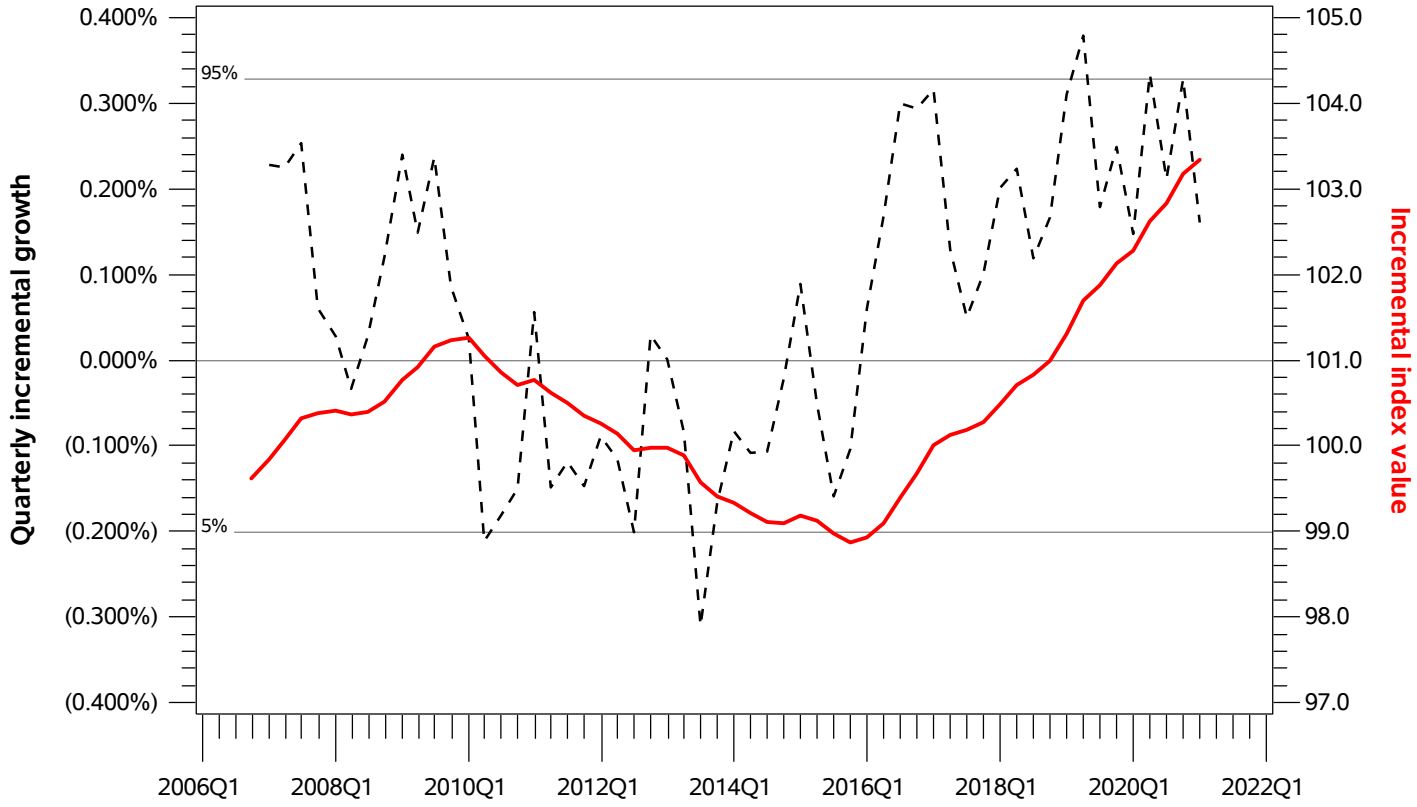


Table 91. ECI: W&S(PRIV) Natural resources, construction, and maintenance incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000400000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-33.0527	Z_{Tau}	-4.8829
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0223	AR(1) coefficient	-0.3816
Standard error	0.0227	Standard error	0.1246
t-statistic	-0.9830	t-statistic	-3.0621
Probability t	0.3299	Durbin-Watson	2.1028

Estimated incremental annual growth rate: (0.089%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

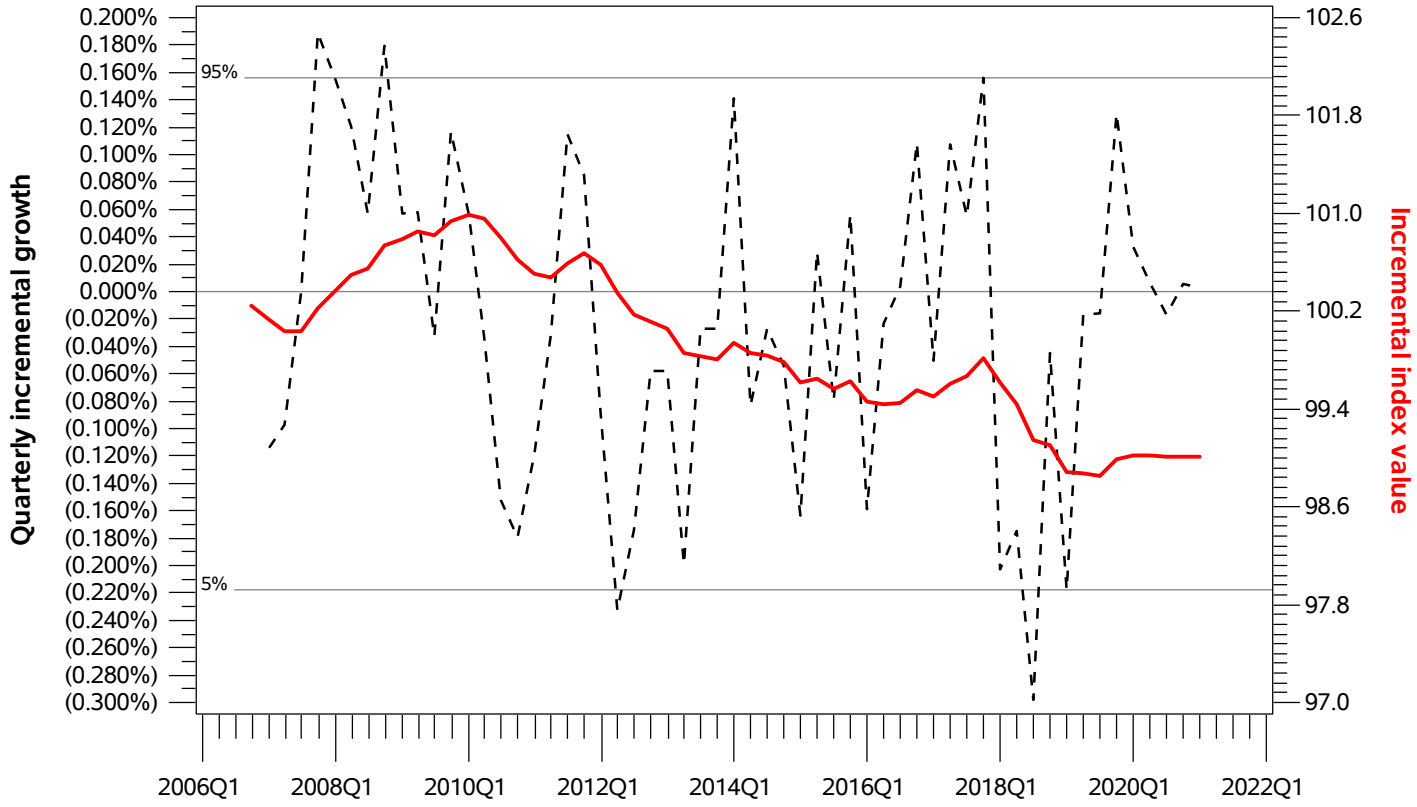


Table 92. ECI: W&S(PRIV) Construction, extraction, farming, fishing, and forestry occupations incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000405000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.2963	Z_{Tau}	-4.0179
Prob Z_{Rho}	0.0017	Prob Z_{Tau}	0.0025

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0282	AR(1) coefficient	-0.5089
Standard error	0.0334	Standard error	0.1161
t-statistic	-0.8444	t-statistic	-4.3845
Probability t	0.4021	Durbin-Watson	2.2849

Estimated incremental annual growth rate: (0.113%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

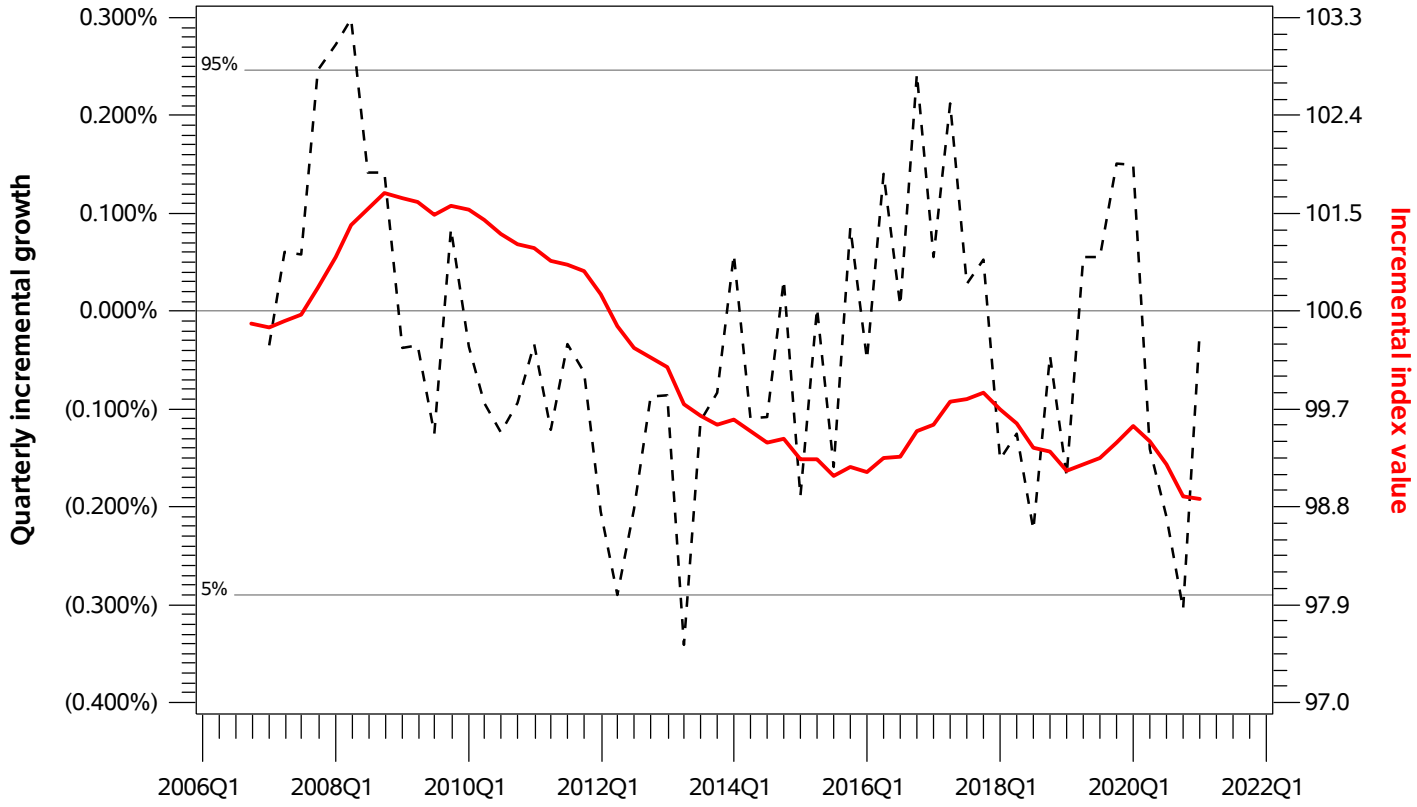


Table 93. ECI: W&S(PRIV) Installation, maintenance, and repair incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000430000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.1223	Z_{Tau}	-4.5815
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0005

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0141	AR(1) coefficient	-0.4492
Standard error	0.0363	Standard error	0.1205
t-statistic	-0.3869	t-statistic	-3.7292
Probability t	0.7003	Durbin-Watson	1.8789

Estimated incremental annual growth rate: (0.056%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

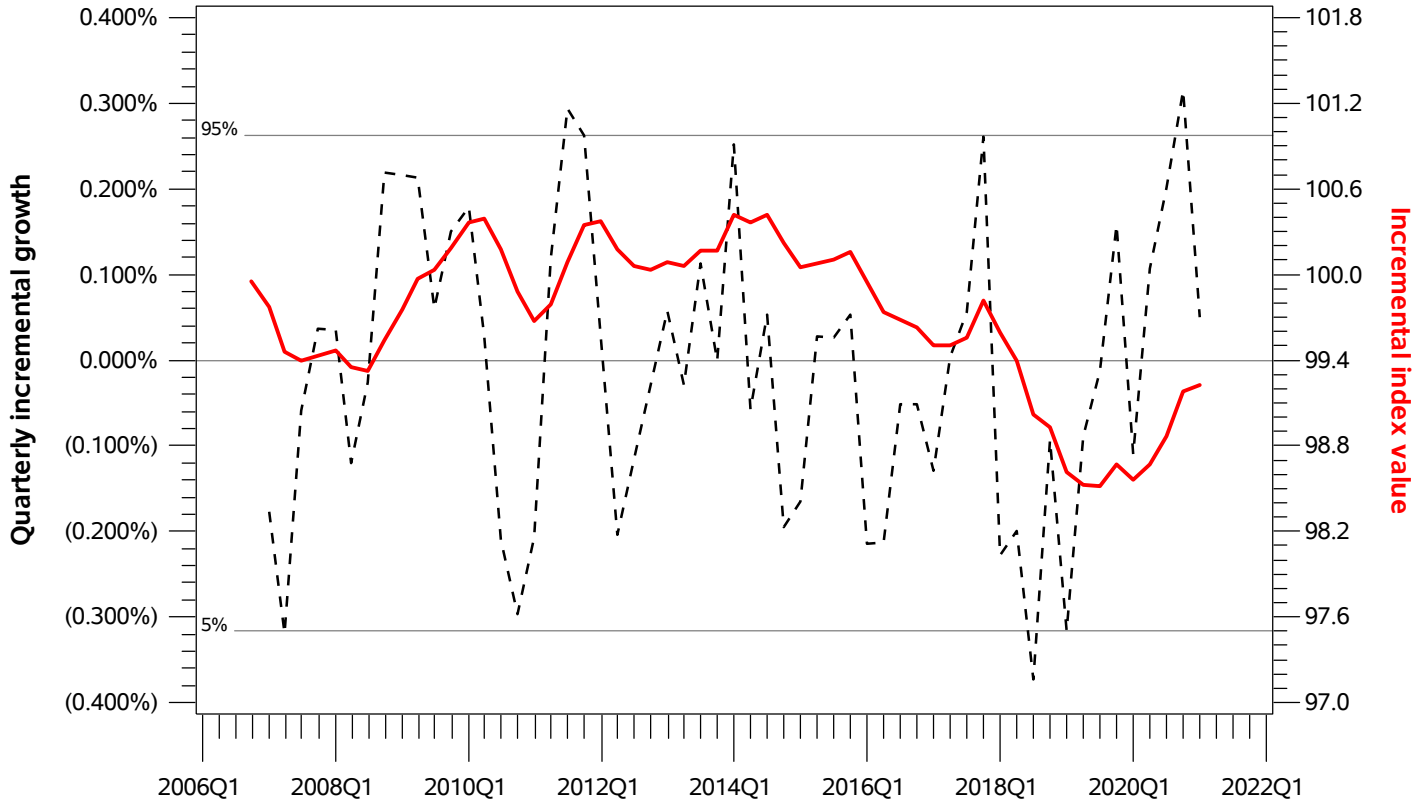


Table 94. ECI: W&S(PRIV) Production, transportation, and material moving incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000500000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-15.7183	Z_{Tau}	-3.1546
Prob Z_{Rho}	0.0239	Prob Z_{Tau}	0.0280

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0424	AR(1) coefficient	-0.6826
Standard error	0.0329	Standard error	0.0985
t-statistic	1.2865	t-statistic	-6.9265
Probability t	0.2037	Durbin-Watson	1.9888

Estimated incremental annual growth rate: 0.170%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

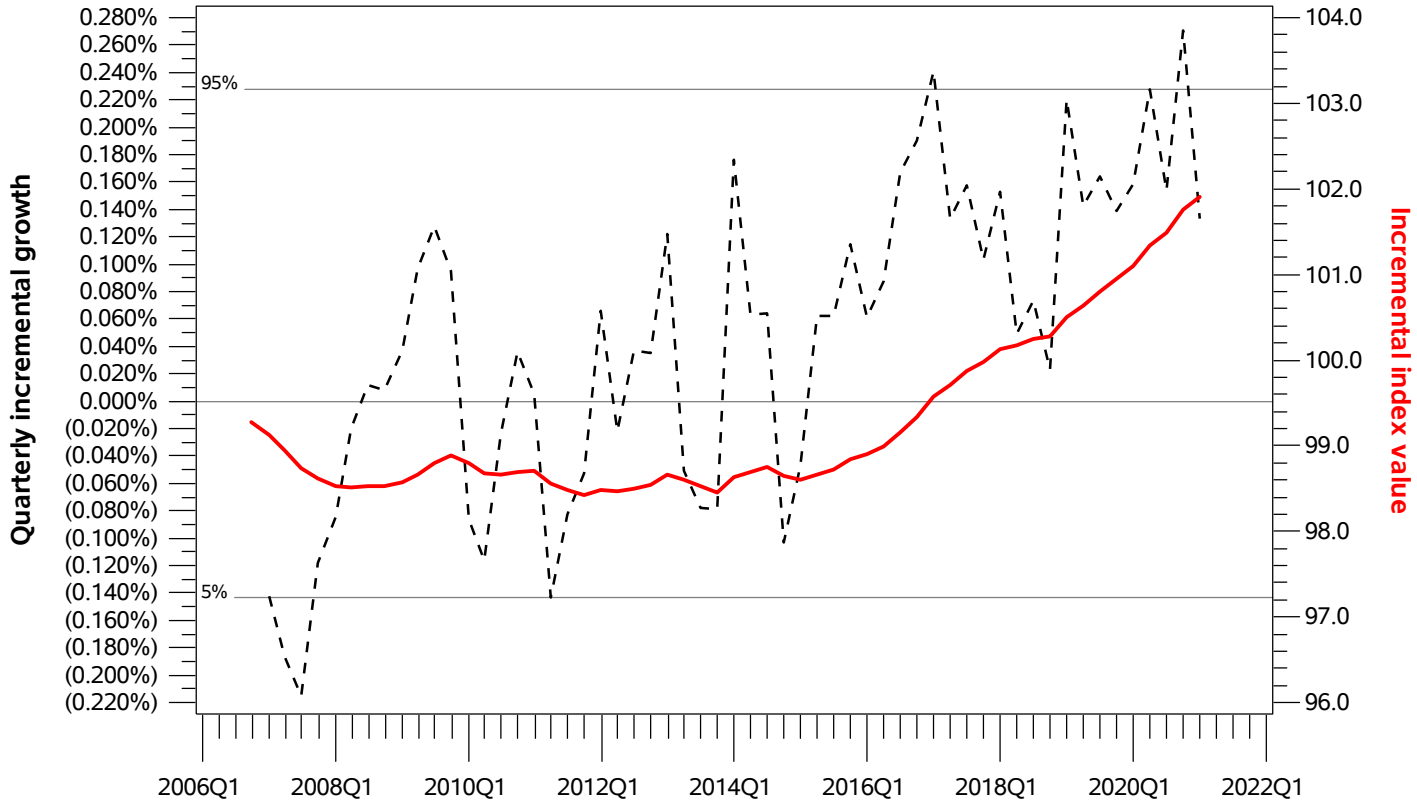


Table 95. ECI: W&S(PRIV) Production, transportation, and material moving; excluding incentive paid incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000500710I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.0725	Z_{Tau}	-3.3291
Prob Z_{Rho}	0.0119	Prob Z_{Tau}	0.0179

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0443	AR(1) coefficient	-0.6353
Standard error	0.0301	Standard error	0.1041
t-statistic	1.4746	t-statistic	-6.1006
Probability t	0.1460	Durbin-Watson	2.0559

Estimated incremental annual growth rate: 0.178%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

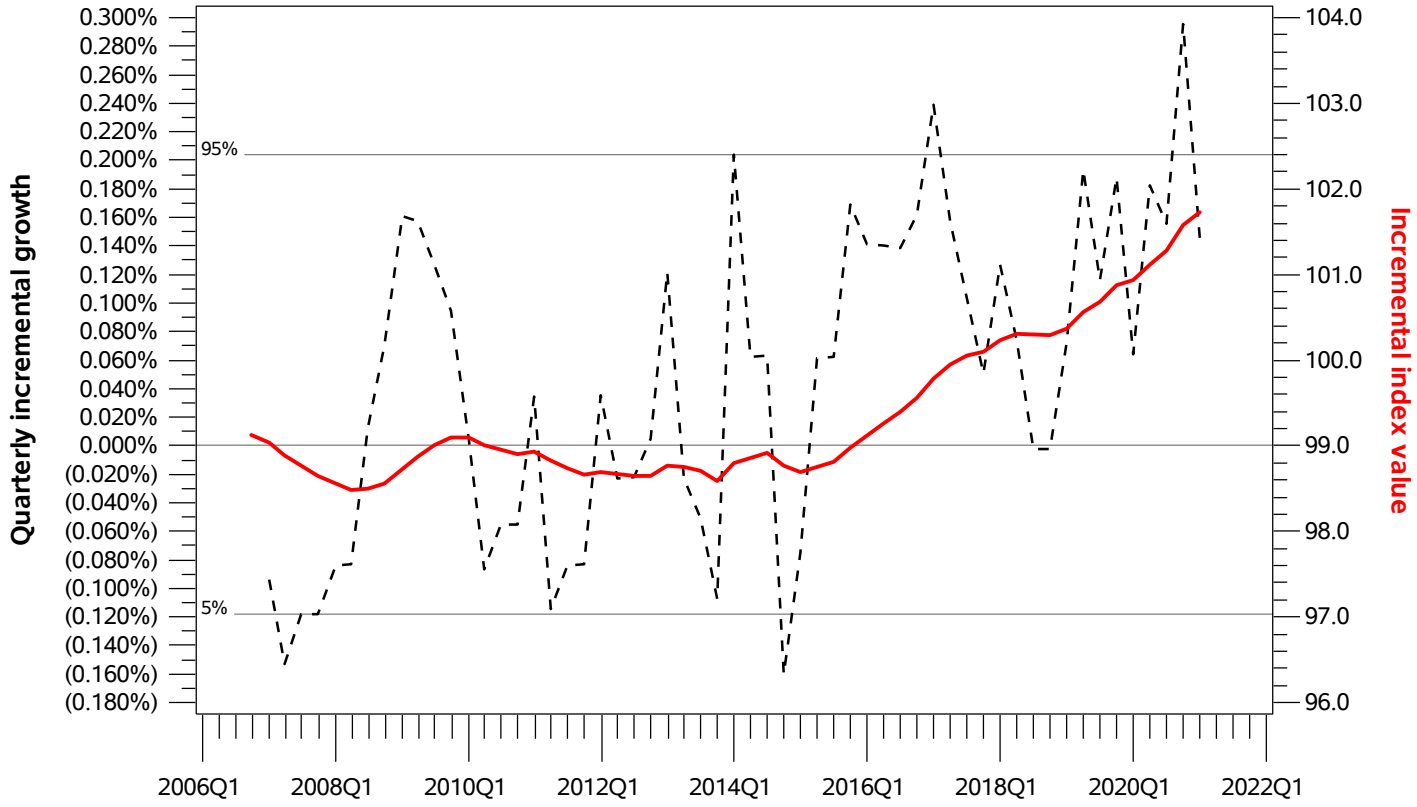


Table 96. ECI: W&S(PRIV) Production incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000510000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.2469	Z_{Tau}	-3.7391
Prob Z_{Rho}	0.0045	Prob Z_{Tau}	0.0057

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0035	AR(1) coefficient	-0.5607
Standard error	0.0261	Standard error	0.1116
t-statistic	0.1355	t-statistic	-5.0225
Probability t	0.8927	Durbin-Watson	2.2215

Estimated incremental annual growth rate: 0.014%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

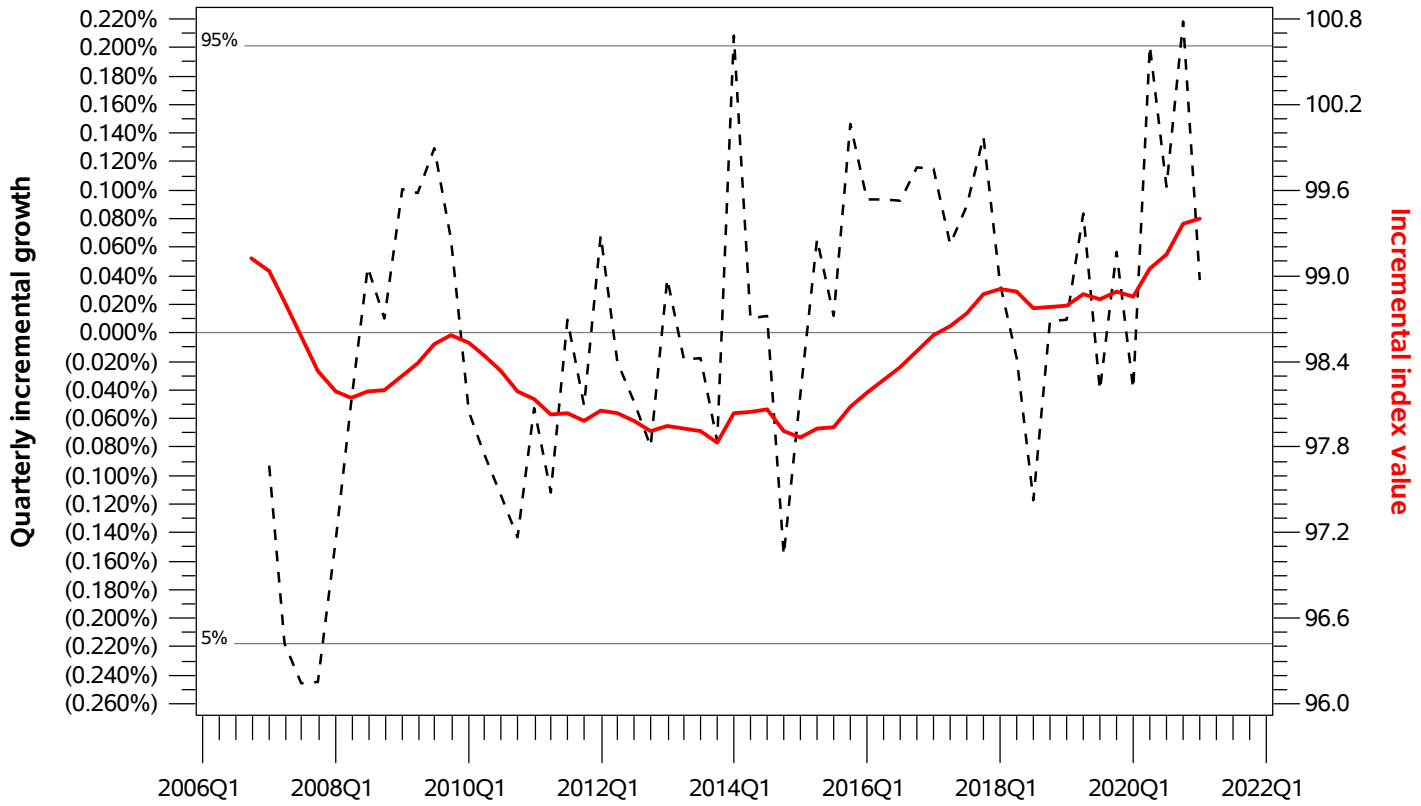


Table 97. ECI: W&S(PRIV) Production, exluding incentive paid incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000510710I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.0661	Z_{Tau}	-3.3299
Prob Z_{Rho}	0.0119	Prob Z_{Tau}	0.0178

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0102	AR(1) coefficient	-0.6433
Standard error	0.0309	Standard error	0.1032
t-statistic	0.3282	t-statistic	-6.2313
Probability t	0.7440	Durbin-Watson	2.0116

Estimated incremental annual growth rate: 0.041%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

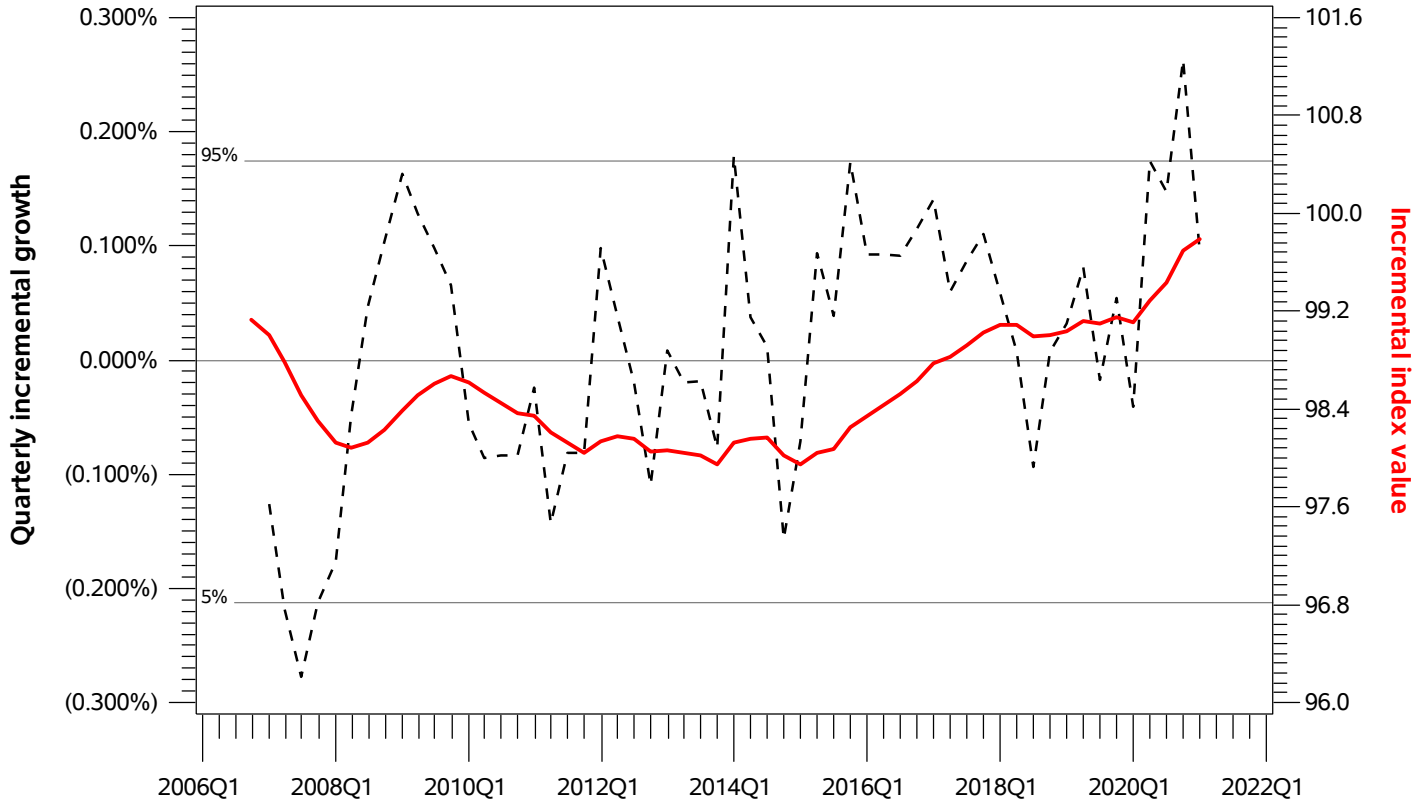


Table 98. ECI: W&S(PRIV) Transportation and material moving incremental growth over ECI: W&S(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2020000520000I and CIU2020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.6358	Z_{Tau}	-4.0061
Prob Z_{Rho}	0.0029	Prob Z_{Tau}	0.0026

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0883	AR(1) coefficient	-0.5306
Standard error	0.0371	Standard error	0.1143
t-statistic	2.3803	t-statistic	-4.6430
Probability t	0.0208	Durbin-Watson	2.1982

Estimated incremental annual growth rate: 0.354%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.354%

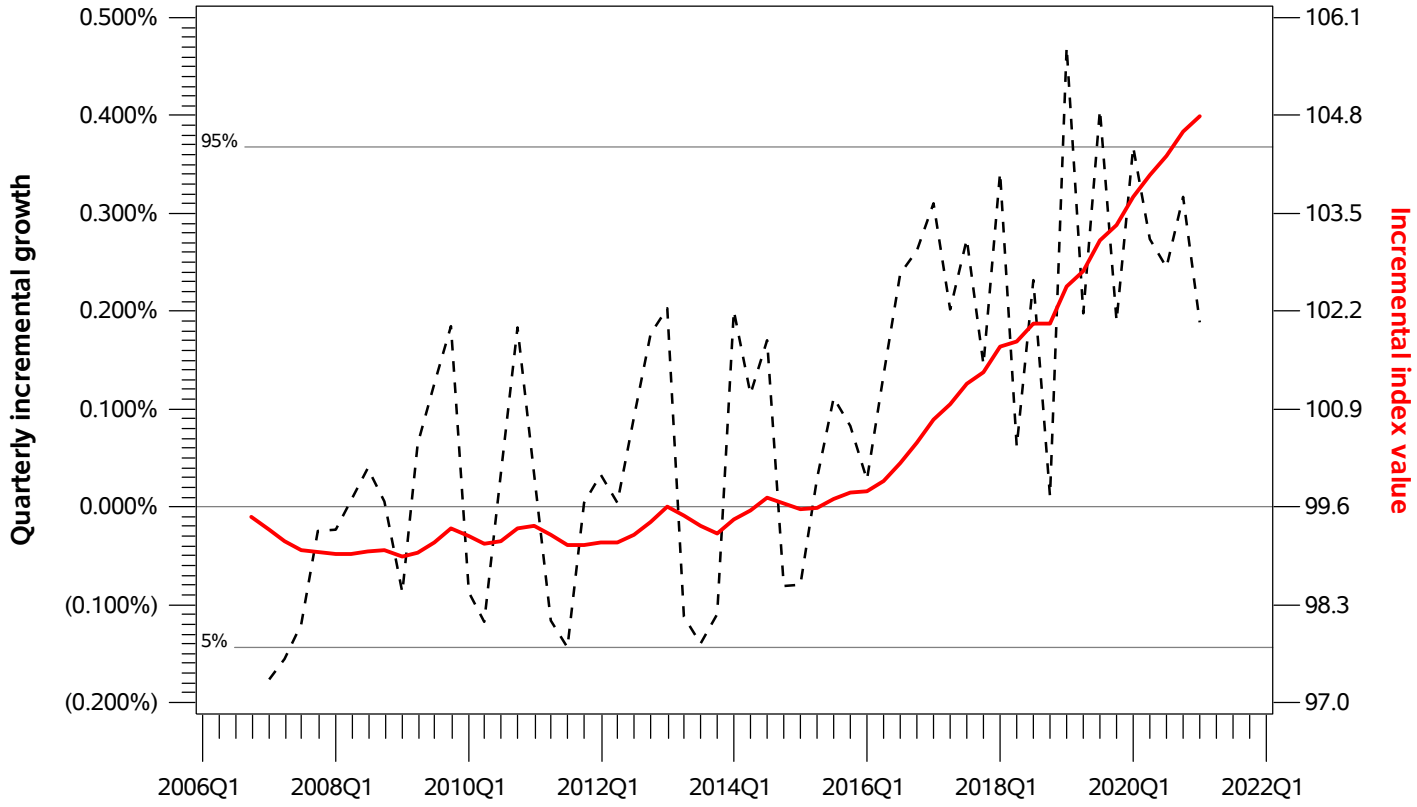


Table 99. ECI: W&S(PRIV) Construction incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU20223000000000I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.2789	Z_{Tau}	-3.7496
Prob Z_{Rho}	0.0024	Prob Z_{Tau}	0.0056

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0062	AR(1) coefficient	-0.6050
Standard error	0.0352	Standard error	0.1074
t-statistic	-0.1761	t-statistic	-5.6353
Probability t	0.8609	Durbin-Watson	1.7824

Estimated incremental annual growth rate: (0.025%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

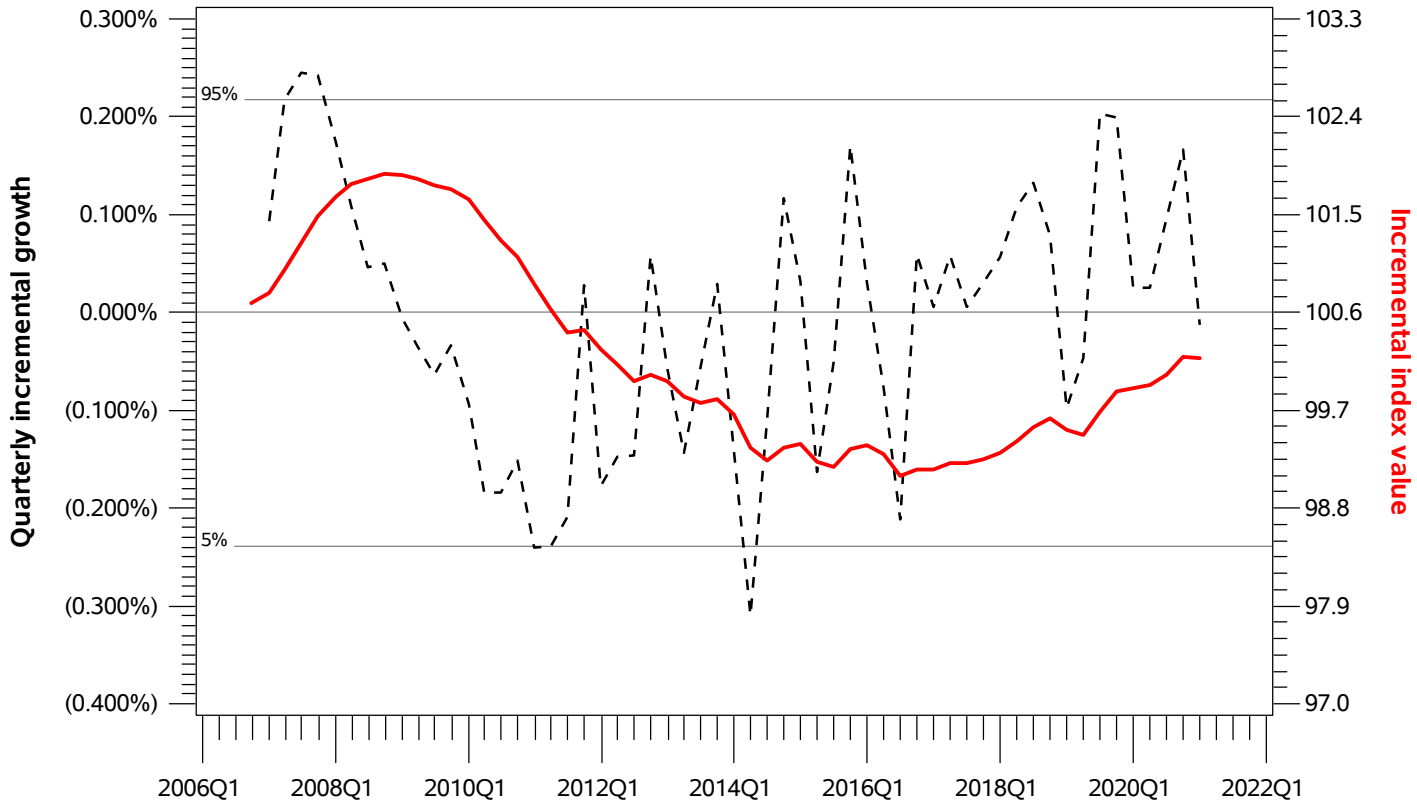


Table 100. ECI: W&S(PRIV) Union, manufacturing incremental growth over ECI: W&S(PRIV) Manufacturing

LABSTAT series identifiers: CIU20230000000510I and CIU20230000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-11.9078	Z_{Tau}	-2.4685
Prob Z_{Rho}	0.0703	Prob Z_{Tau}	0.1282

H_0: Series contains a unit root, Fail to reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0538	AR(1) coefficient	-0.7832
Standard error	0.0544	Standard error	0.0838
t-statistic	-0.9899	t-statistic	-9.3413
Probability t	0.3266	Durbin-Watson	1.5104

Estimated incremental annual growth rate: (0.215%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

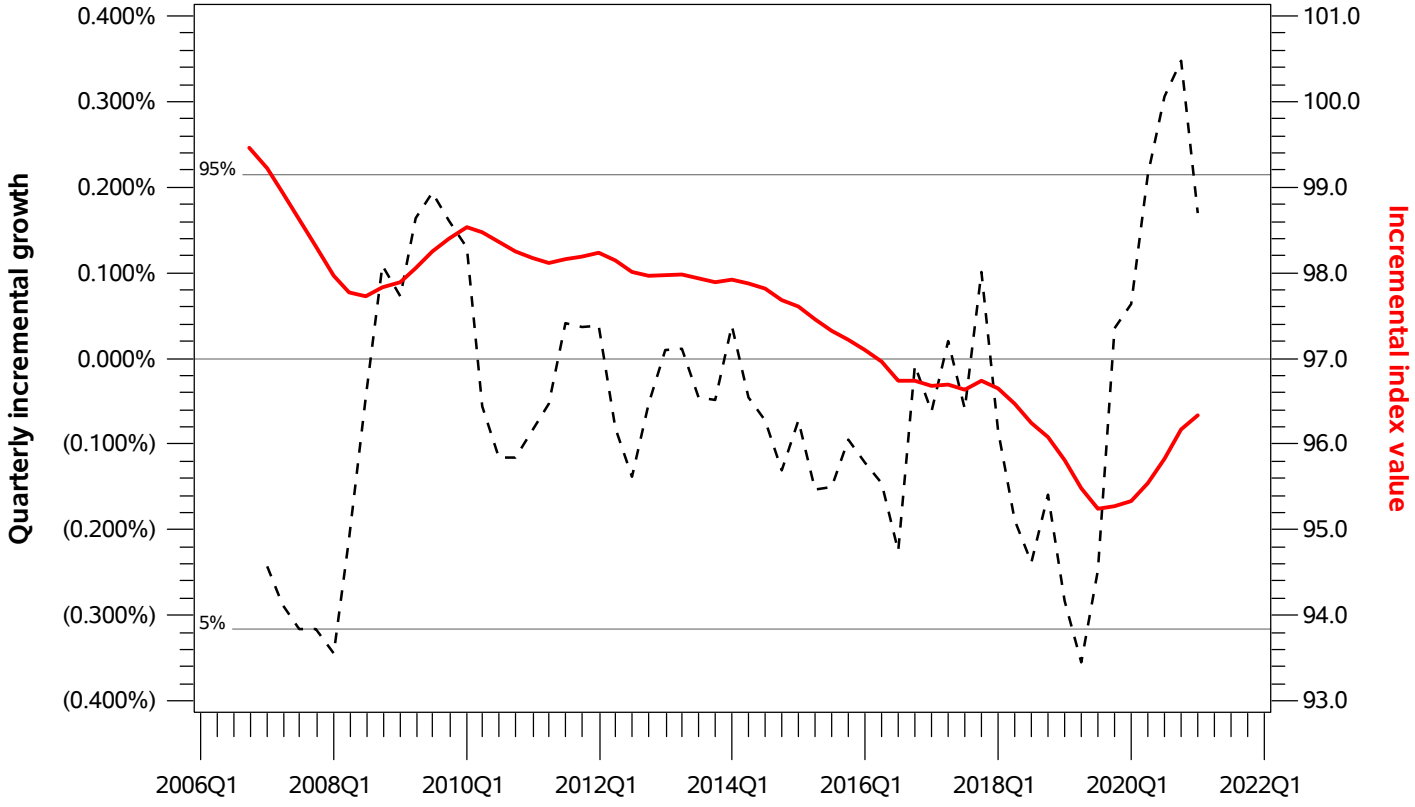


Table 101. ECI: W&S(PRIV) Nonunion, manufacturing incremental growth over ECI: W&S(PRIV) Manufacturing

LABSTAT series identifiers: CIU20230000000520I and CIU20230000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-18.7024	Z_{Tau}	-3.3112
Prob Z_{Rho}	0.0099	Prob Z_{Tau}	0.0187

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0112	AR(1) coefficient	-0.6421
Standard error	0.0096	Standard error	0.1034
t-statistic	1.1664	t-statistic	-6.2109
Probability t	0.2485	Durbin-Watson	1.9519

Estimated incremental annual growth rate: 0.045%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

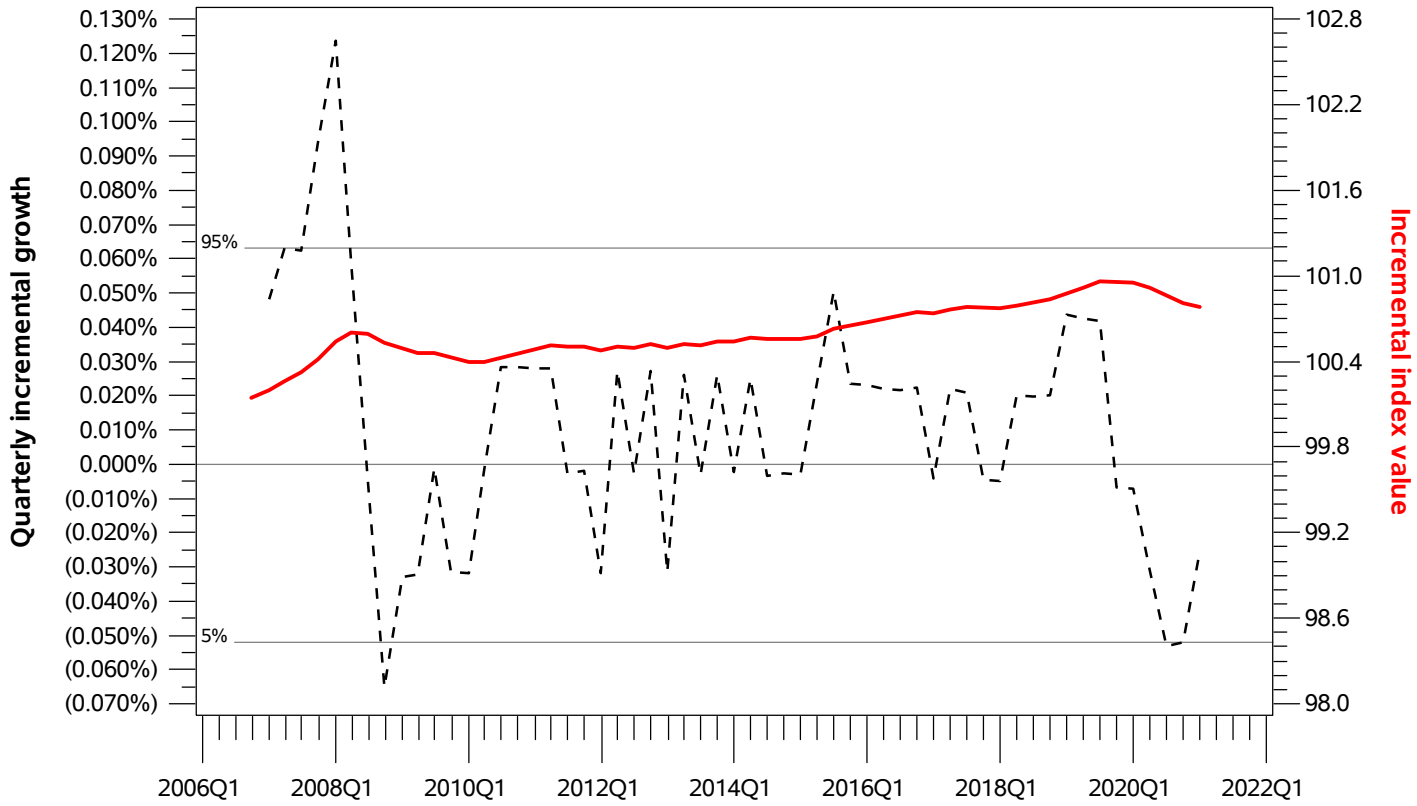


Table 102. ECI: W&S(PRIV) Manufacturing; management, professional, and related occupations incremental growth over ECI: W&S(PRIV) Manufacturing

LABSTAT series identifiers: CIU20230001000000I and CIU20230000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.8636	Z_{Tau}	-4.5638
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0005

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0067	AR(1) coefficient	-0.4522
Standard error	0.0221	Standard error	0.1203
t-statistic	-0.3045	t-statistic	-3.7604
Probability t	0.7619	Durbin-Watson	1.8865

Estimated incremental annual growth rate: (0.027%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

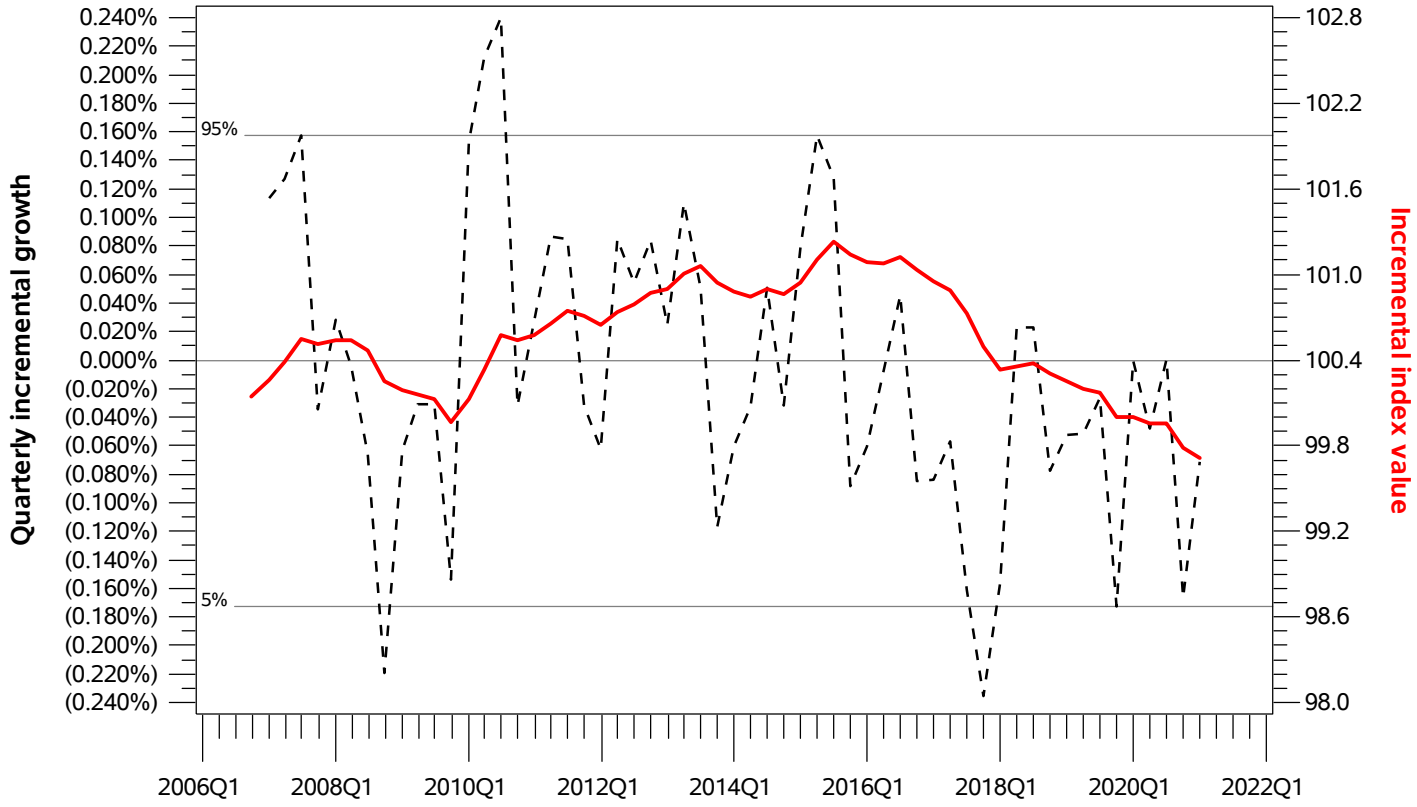


Table 103. ECI: W&S(PRIV) Manufacturing, sales and office occupations incremental growth over ECI: W&S(PRIV) Manufacturing

LABSTAT series identifiers: CIU2023000200000I and CIU2023000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-26.8600	Z_{Tau}	-4.1900
Prob Z_{Rho}	0.0008	Prob Z_{Tau}	0.0015

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0209	AR(1) coefficient	-0.4878
Standard error	0.0484	Standard error	0.1177
t-statistic	0.4327	t-statistic	-4.1441
Probability t	0.6669	Durbin-Watson	2.1298

Estimated incremental annual growth rate: 0.084%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

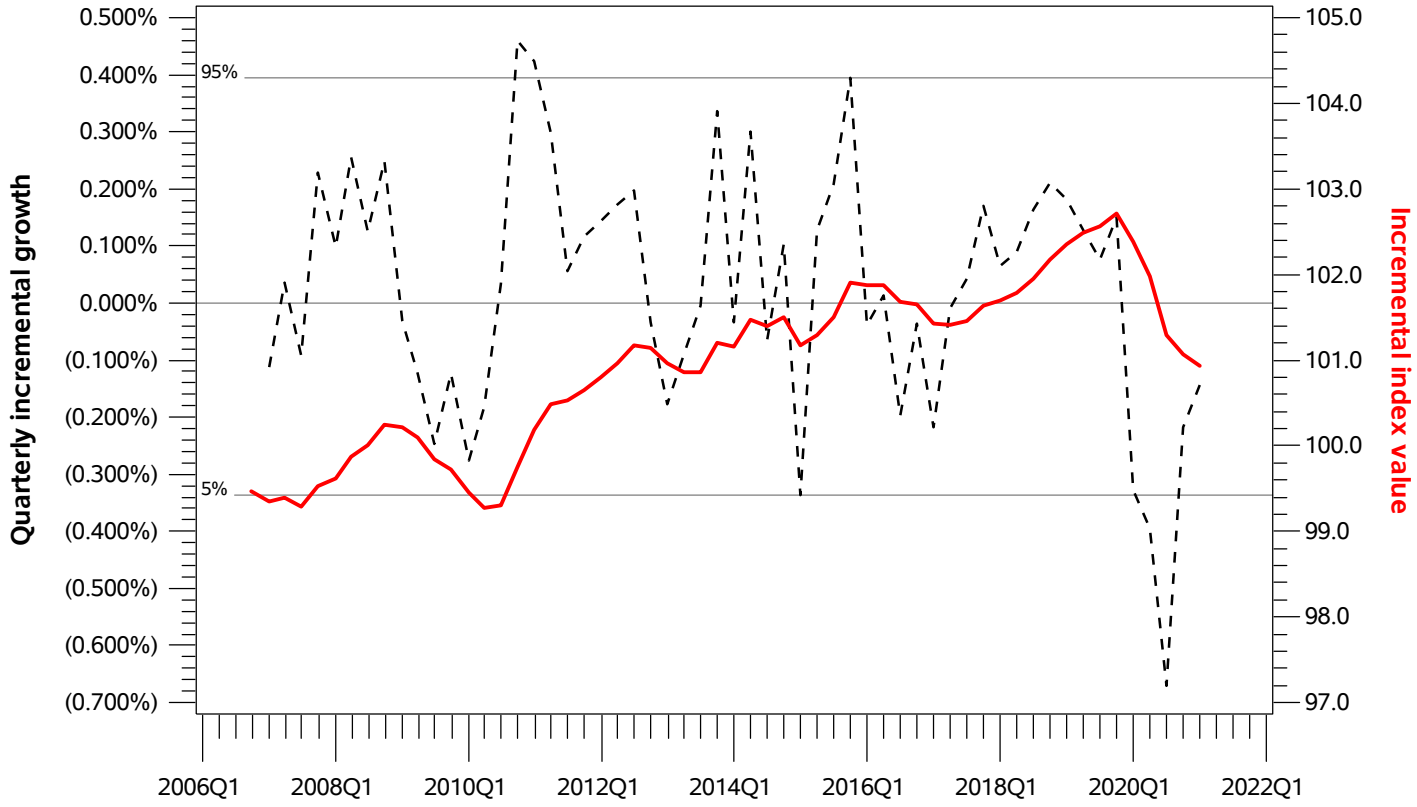


Table 104. ECI: W&S(PRIV) Manufacturing; natural resources, construction, and maintenance incremental growth over ECI: W&S(PRIV) Manufacturing

LABSTAT series identifiers: CIU20230004000000I and CIU20230000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-38.2116	Z_{Tau}	-5.1230
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0071	AR(1) coefficient	-0.3404
Standard error	0.0215	Standard error	0.1268
t-statistic	0.3291	t-statistic	-2.6847
Probability t	0.7433	Durbin-Watson	1.8496

Estimated incremental annual growth rate: 0.028%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

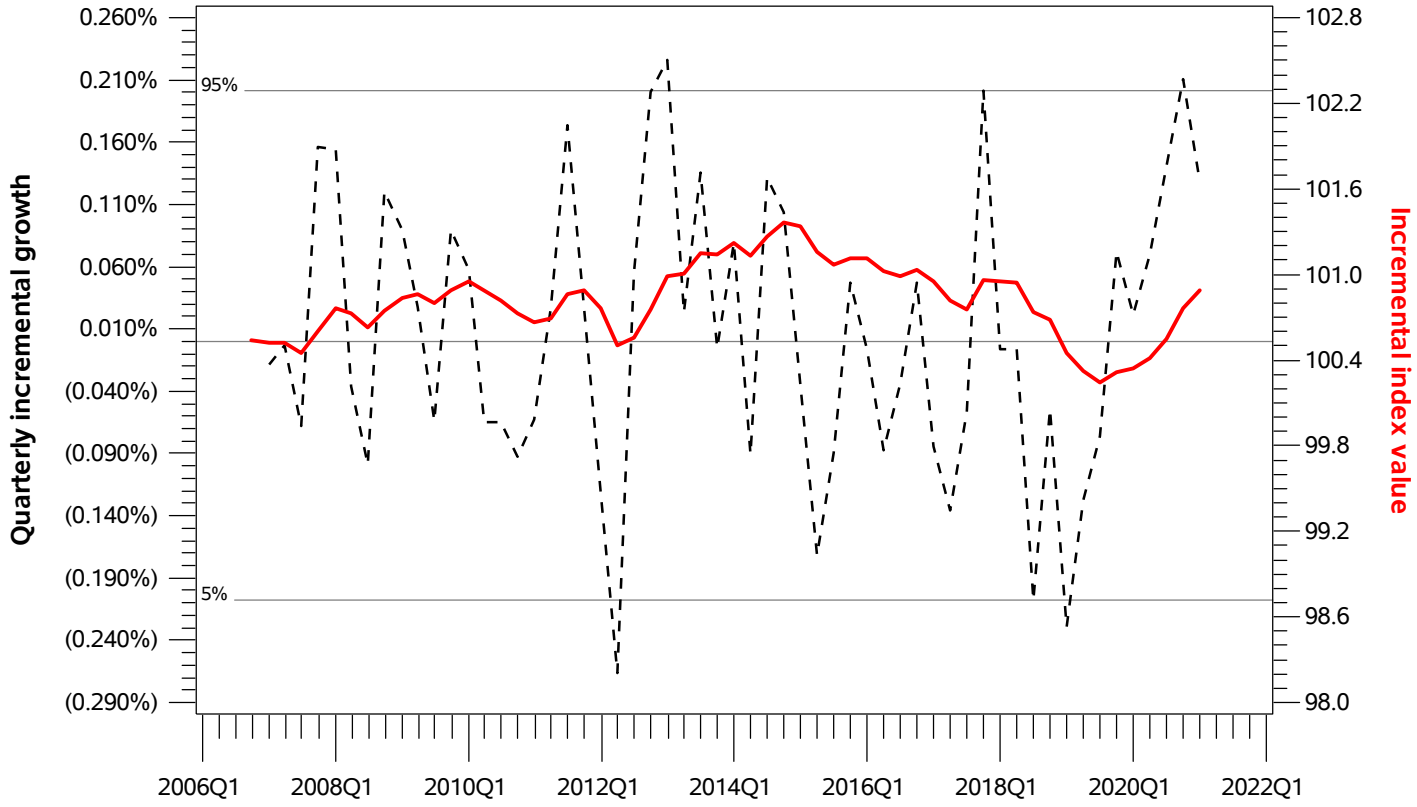


Table 105. ECI: W&S(PRIV) Manufacturing; production, transportation, and material moving incremental growth over ECI: W&S(PRIV) Manufacturing

LABSTAT series identifiers: CIU20230005000000I and CIU20230000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.9741	Z_{Tau}	-3.1093
Prob Z_{Rho}	0.0123	Prob Z_{Tau}	0.0313

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0016	AR(1) coefficient	-0.7114
Standard error	0.0256	Standard error	0.0948
t-statistic	0.0639	t-statistic	-7.5076
Probability t	0.9493	Durbin-Watson	1.5693

Estimated incremental annual growth rate: 0.007%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

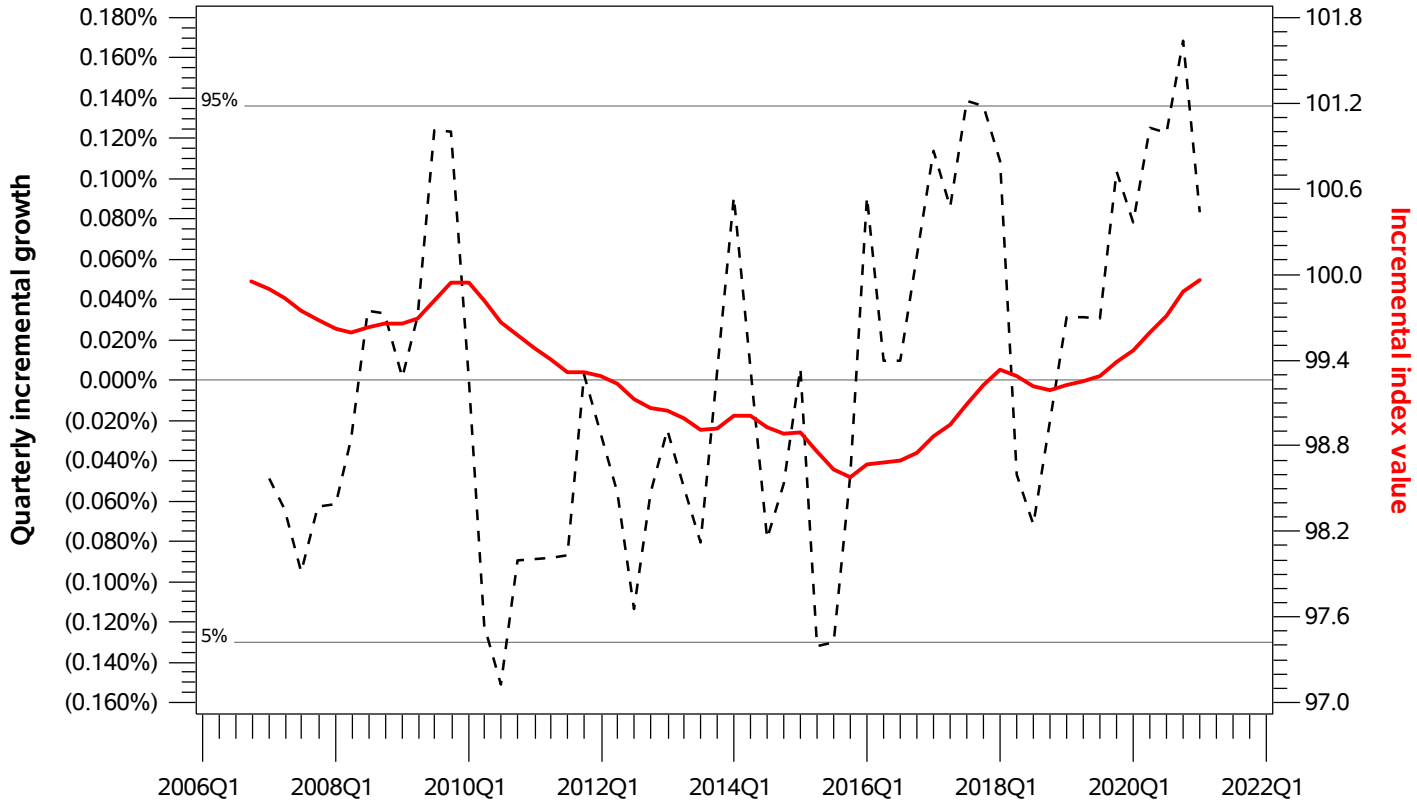


Table 106. ECI: W&S(PRIV) Aircraft manufacturing incremental growth over ECI: W&S(PRIV) Manufacturing

LABSTAT series identifiers: CIU2023211000000I and CIU2023000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-37.4505	Z_{Tau}	-5.2778
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0848	AR(1) coefficient	-0.3133
Standard error	0.0551	Standard error	0.1281
t-statistic	1.5384	t-statistic	-2.4464
Probability t	0.1297	Durbin-Watson	2.0764

Estimated incremental annual growth rate: 0.340%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

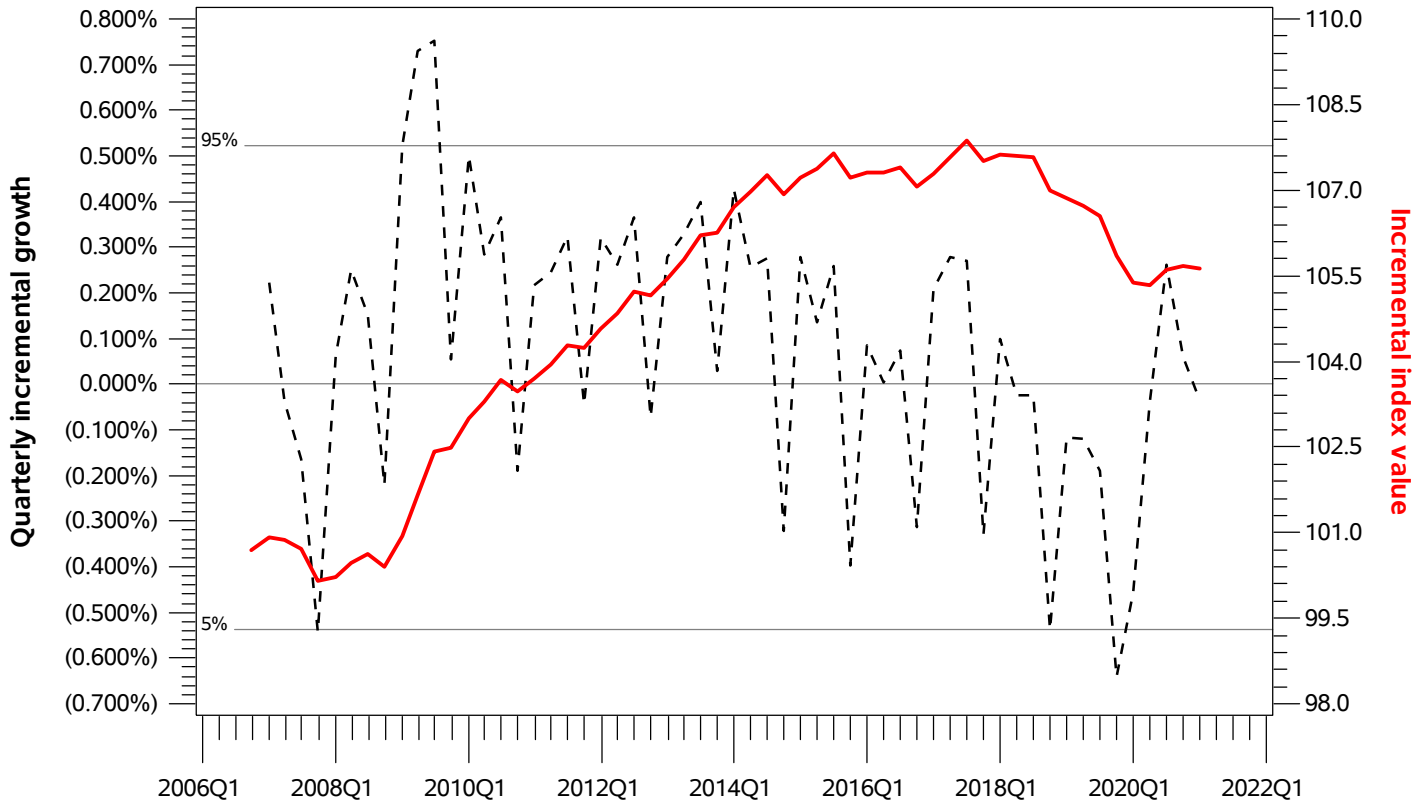


Table 107. ECI: W&S(PRIV) Trade, transportation, and utilities incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20240000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.3529	Z_{Tau}	-4.7590
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0254	AR(1) coefficient	-0.4191
Standard error	0.0261	Standard error	0.1224
t-statistic	0.9753	t-statistic	-3.4235
Probability t	0.3337	Durbin-Watson	2.1150

Estimated incremental annual growth rate: 0.102%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

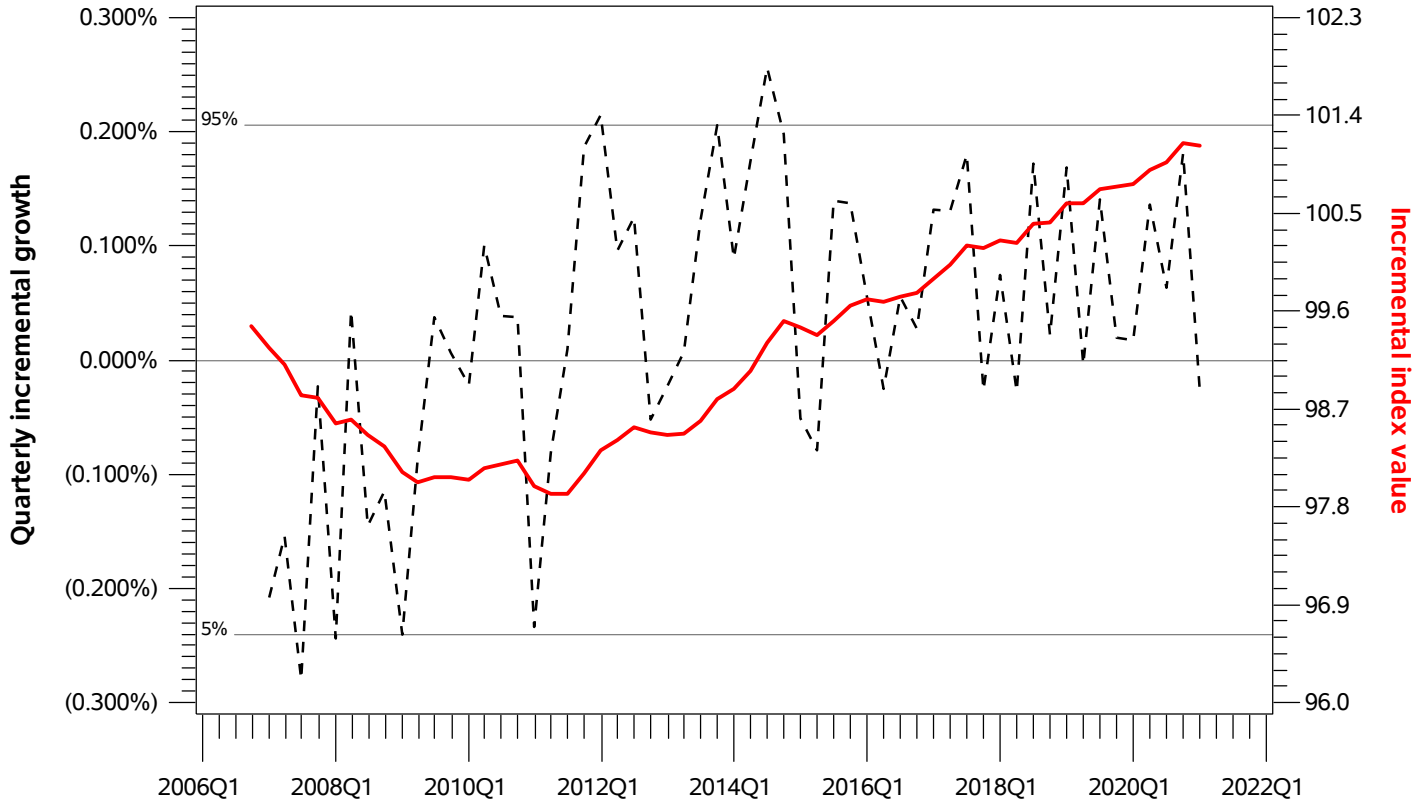


Table 108. ECI: W&S(PRIV) Trade, transportation, and utilities; excluding incentive paid incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2024000000710I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.9588	Z_{Tau}	-3.9980
Prob Z_{Rho}	0.0014	Prob Z_{Tau}	0.0027

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0316	AR(1) coefficient	-0.5491
Standard error	0.0269	Standard error	0.1127
t-statistic	1.1772	t-statistic	-4.8721
Probability t	0.2442	Durbin-Watson	1.9401

Estimated incremental annual growth rate: 0.127%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

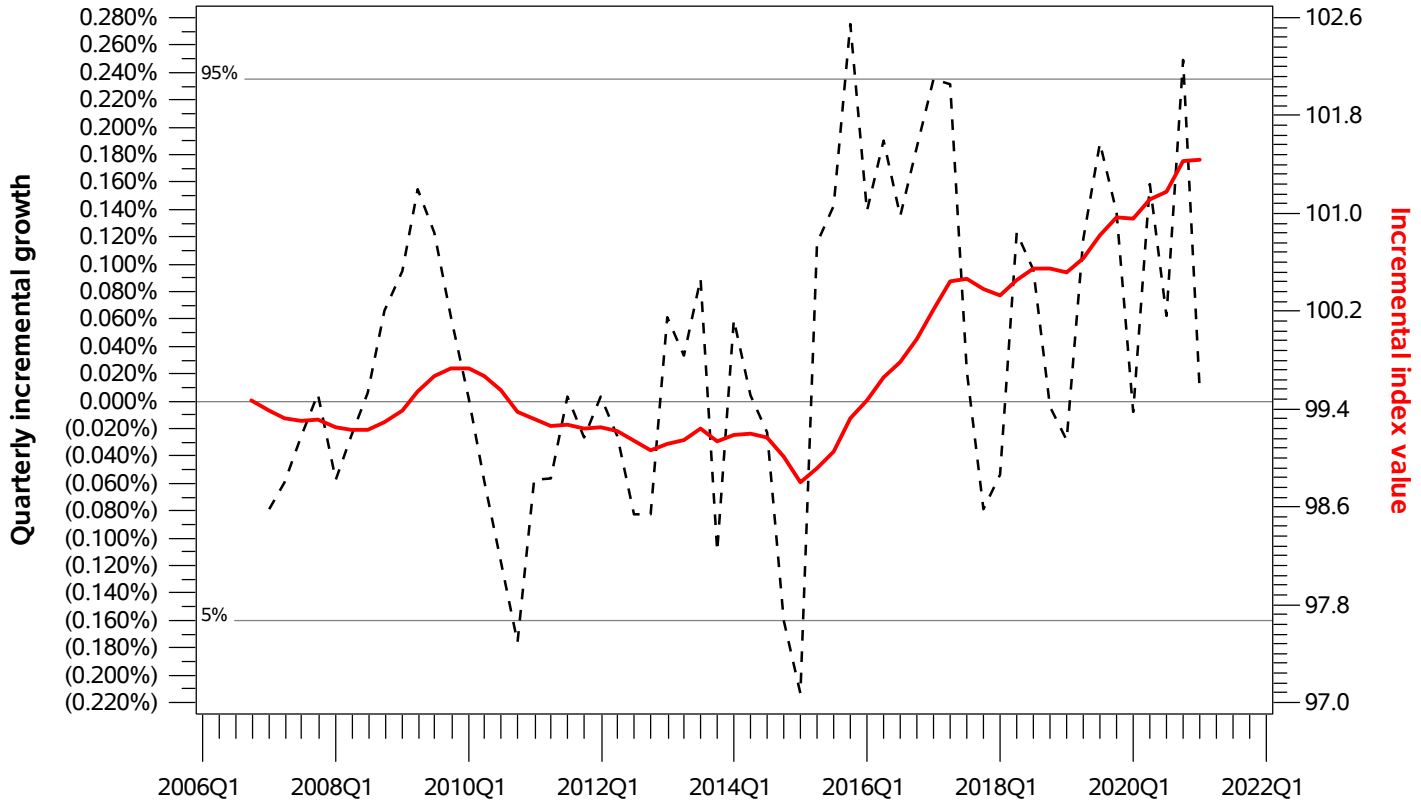


Table 109. ECI: W&S(PRIV) Wholesale trade incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2024110000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-27.3253	Z_{Tau}	-4.2122
Prob Z_{Rho}	0.0006	Prob Z_{Tau}	0.0014

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0929	AR(1) coefficient	-0.4933
Standard error	0.0783	Standard error	0.1173
t-statistic	-1.1868	t-statistic	-4.2062
Probability t	0.2404	Durbin-Watson	2.0816

Estimated incremental annual growth rate: (0.371%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

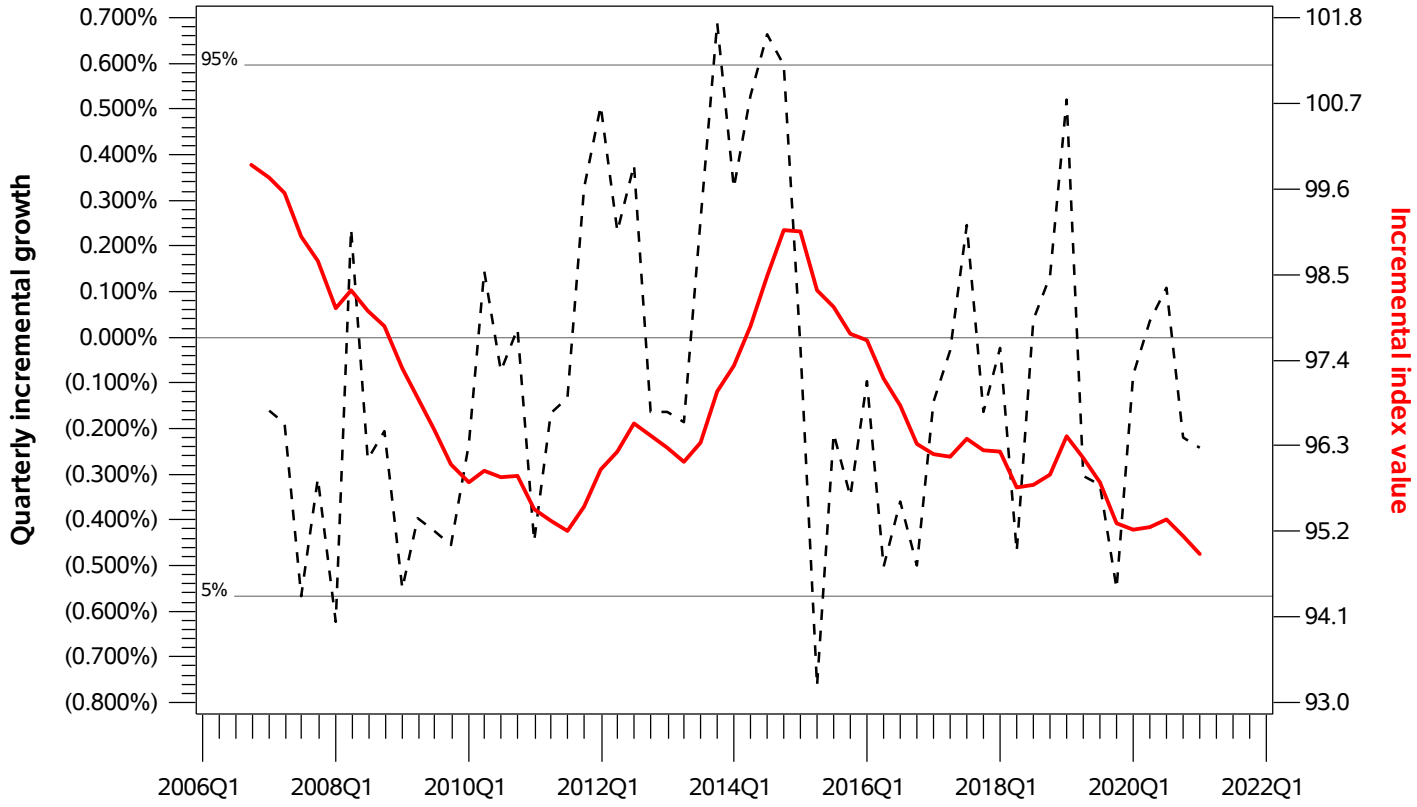


Table 110. ECI: W&S(PRIV) Wholesale trade, excluding incentive paid occupations incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2024110000710I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.7694	Z_{Tau}	-3.7866
Prob Z_{Rho}	0.0015	Prob Z_{Tau}	0.0050

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0553	AR(1) coefficient	-0.6041
Standard error	0.0346	Standard error	0.1075
t-statistic	-1.5984	t-statistic	-5.6214
Probability t	0.1157	Durbin-Watson	1.6613

Estimated incremental annual growth rate: (0.221%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

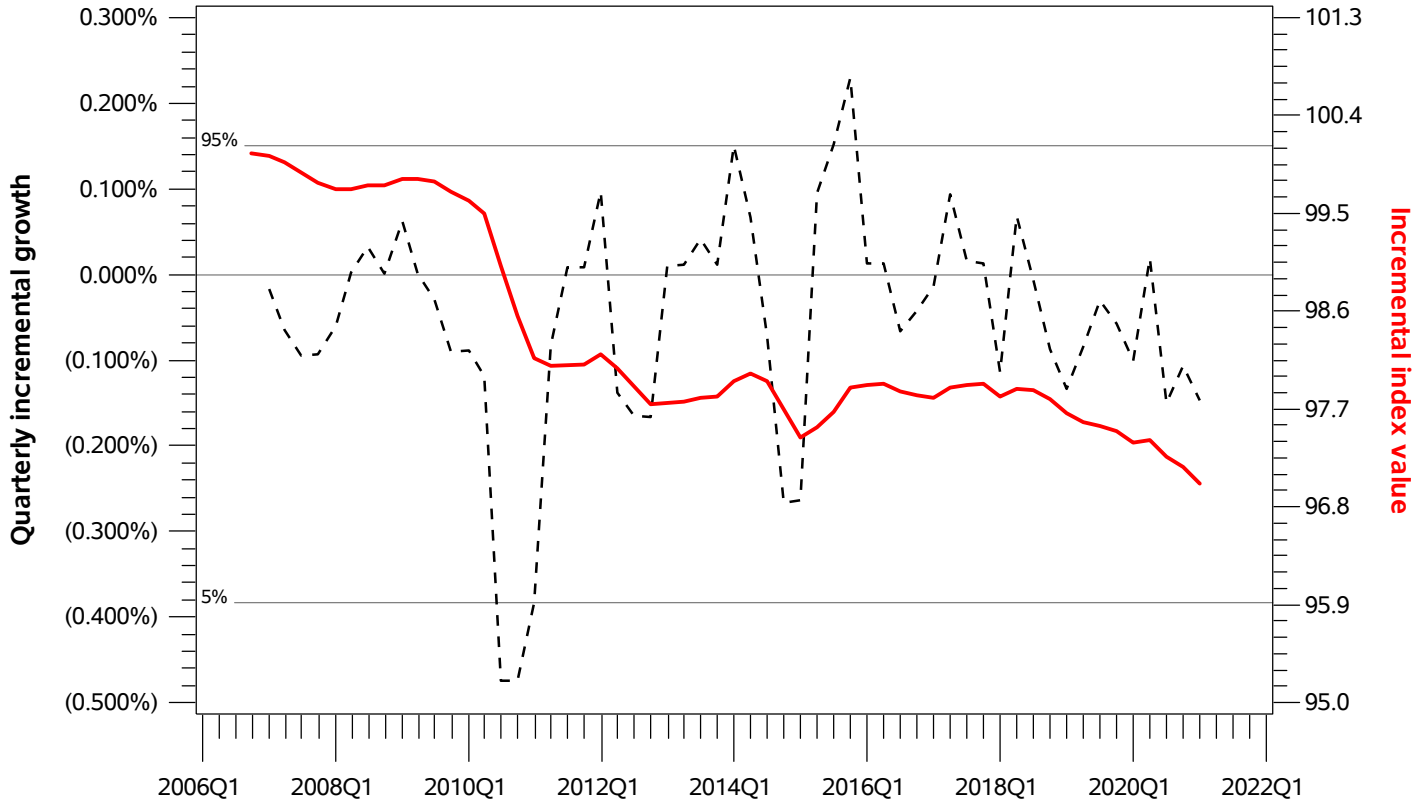


Table 111. ECI: W&S(PRIV) Retail trade incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2024120000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-28.9951	Z_{Tau}	-4.5156
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0006

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0643	AR(1) coefficient	-0.4720
Standard error	0.0395	Standard error	0.1189
t-statistic	1.6257	t-statistic	-3.9707
Probability t	0.1097	Durbin-Watson	1.9458

Estimated incremental annual growth rate: 0.257%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

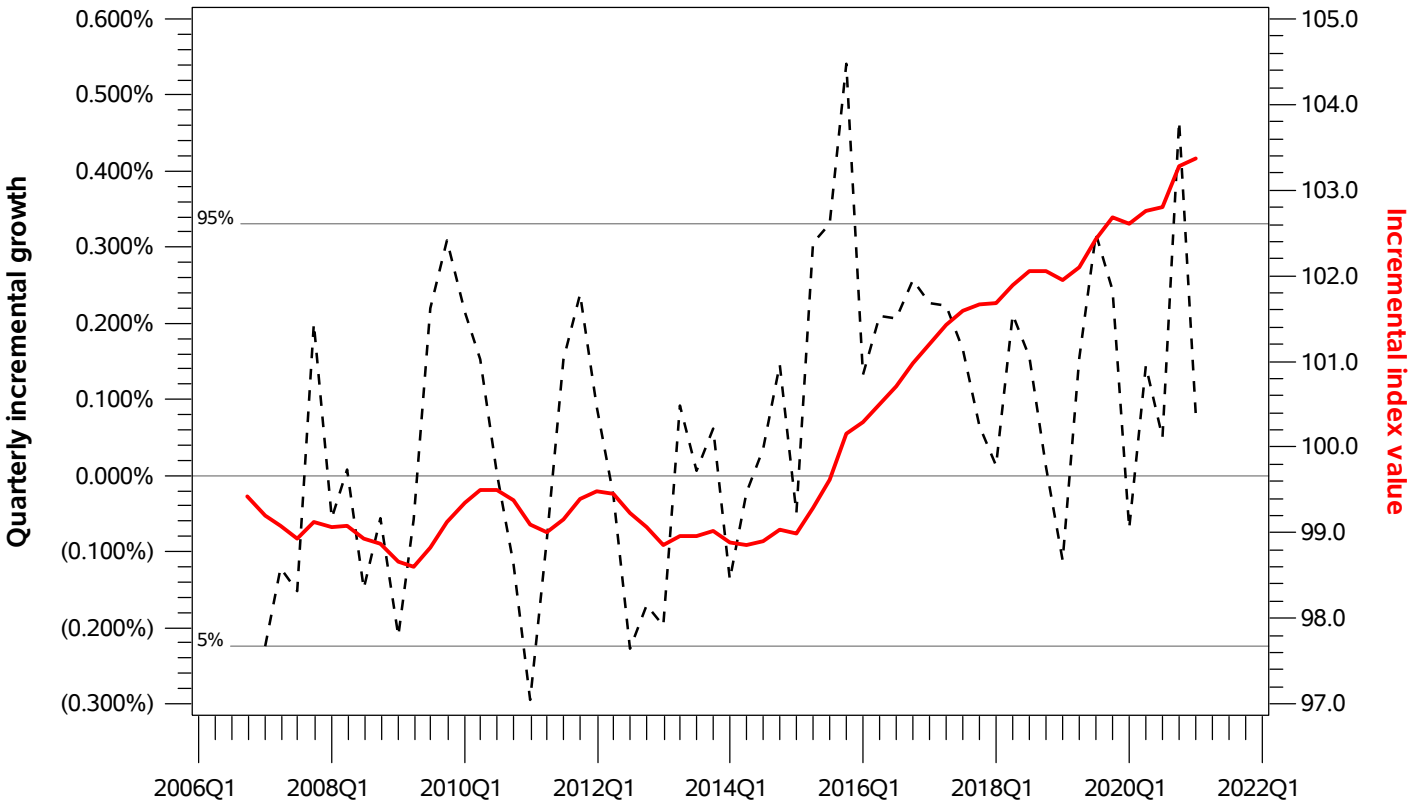


Table 112. ECI: W&S(PRIV) Retail trade, excluding incentive paid occupations incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20241200007101 and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.9306	Z_{Tau}	-3.2863
Prob Z_{Rho}	0.0124	Prob Z_{Tau}	0.0200

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0497	AR(1) coefficient	-0.6570
Standard error	0.0461	Standard error	0.1017
t-statistic	1.0781	t-statistic	-6.4626
Probability t	0.2857	Durbin-Watson	2.0508

Estimated incremental annual growth rate: 0.199%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

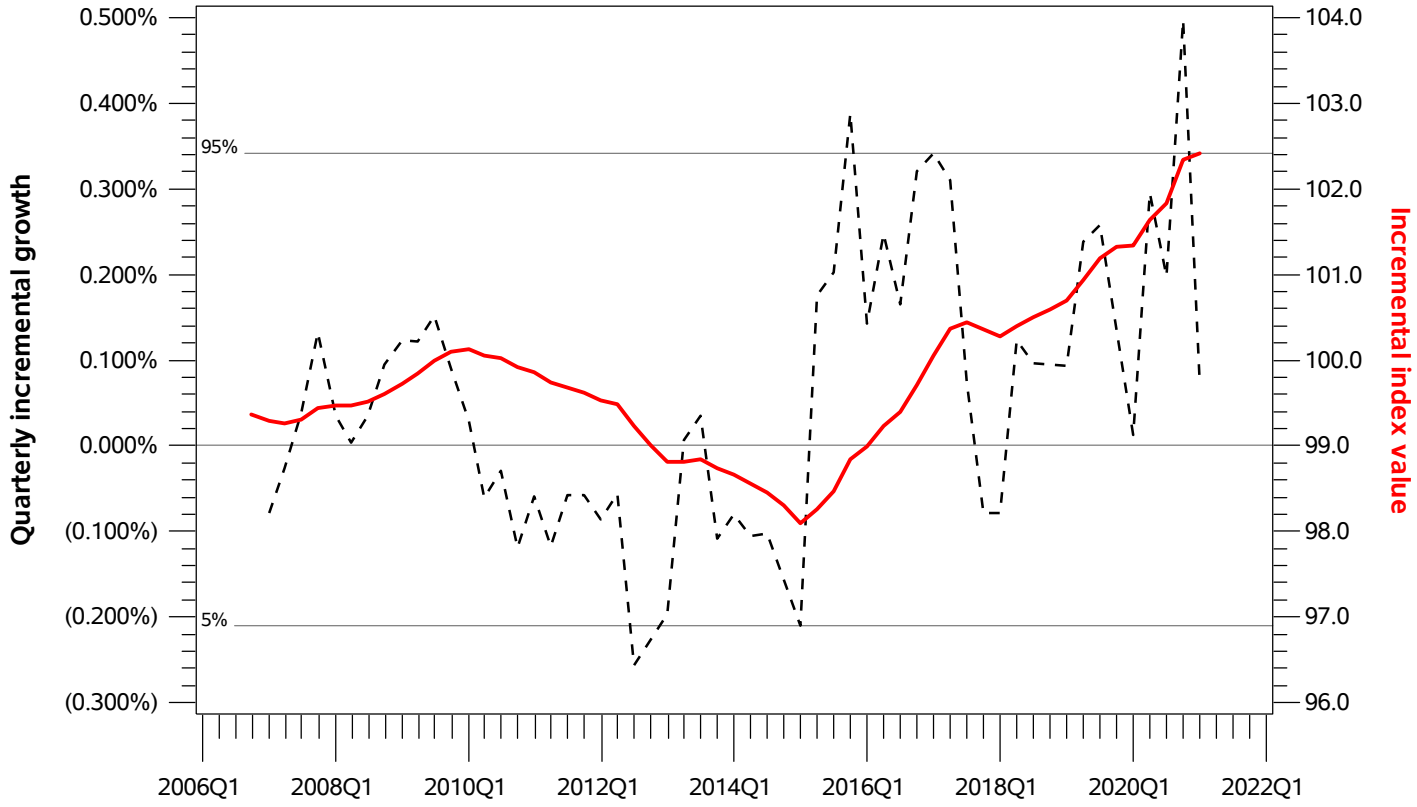


Table 113. ECI: W&S(PRIV) Transportation and warehousing incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20243000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.9925	Z_{Tau}	-4.2249
Prob Z_{Rho}	0.0014	Prob Z_{Tau}	0.0013

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.1023	AR(1) coefficient	-0.4968
Standard error	0.0453	Standard error	0.1170
t-statistic	2.2573	t-statistic	-4.2451
Probability t	0.0280	Durbin-Watson	2.2170

Estimated incremental annual growth rate: 0.410%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.410%

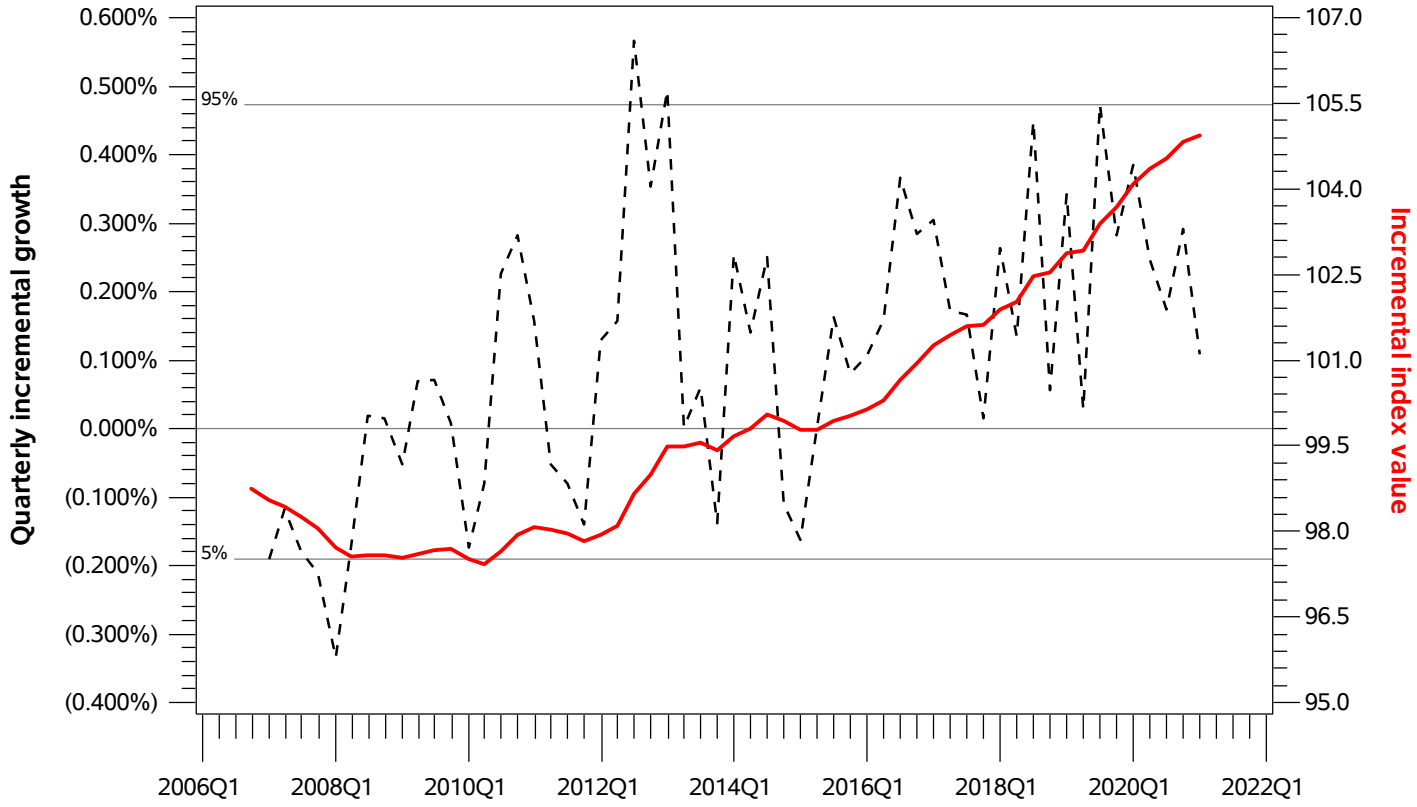


Table 114. ECI: W&S(PRIV) Utilities incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU20244000000000I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.0831	Z_{Tau}	-3.6882
Prob Z_{Rho}	0.0025	Prob Z_{Tau}	0.0066

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0757	AR(1) coefficient	-0.5639
Standard error	0.0517	Standard error	0.1114
t-statistic	1.4653	t-statistic	-5.0645
Probability t	0.1485	Durbin-Watson	1.9665

Estimated incremental annual growth rate: 0.303%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

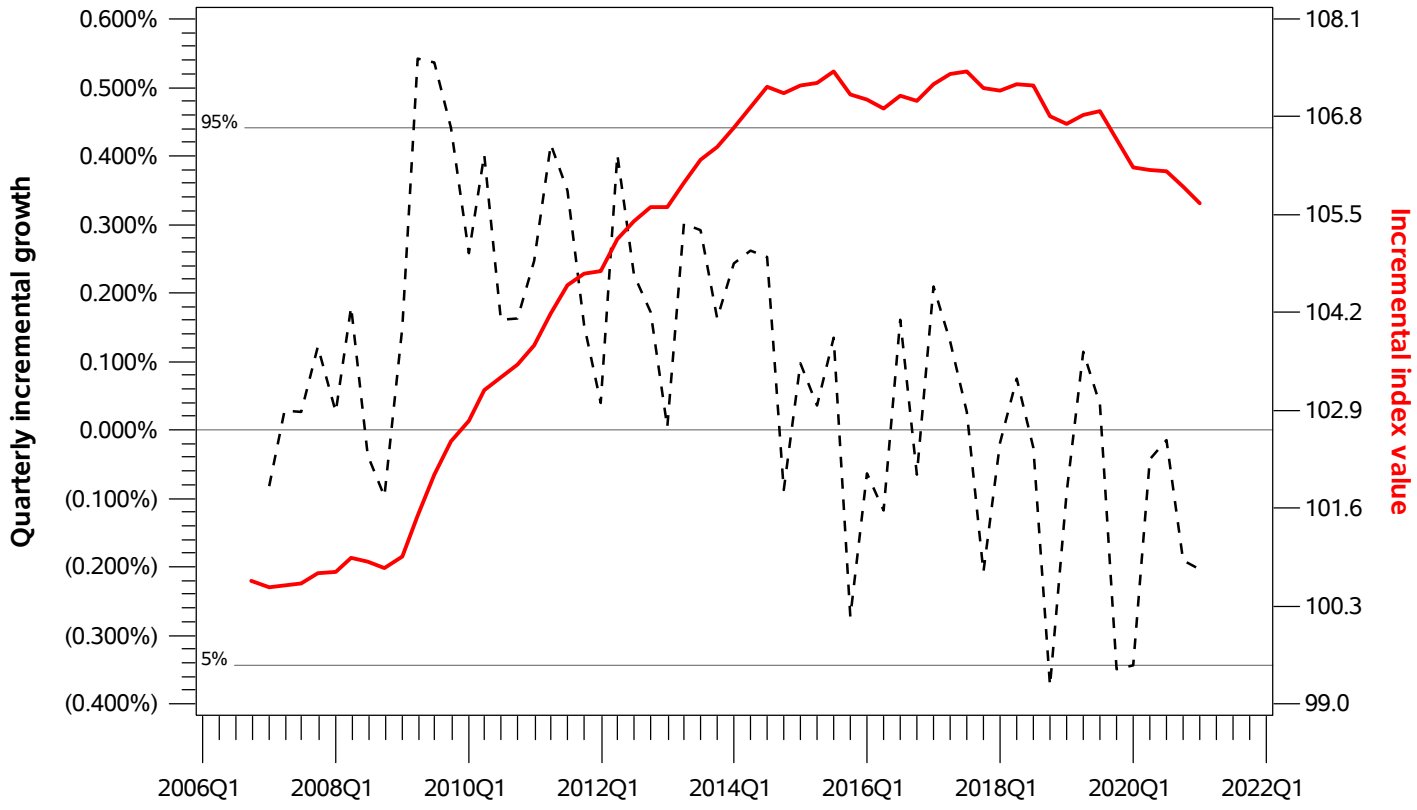


Table 115. ECI: W&S(PRIV) Information incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20251000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-33.8445	Z_{Tau}	-4.7362
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0457	AR(1) coefficient	-0.4231
Standard error	0.0330	Standard error	0.1222
t-statistic	-1.3820	t-statistic	-3.4626
Probability t	0.1725	Durbin-Watson	1.8574

Estimated incremental annual growth rate: (0.183%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

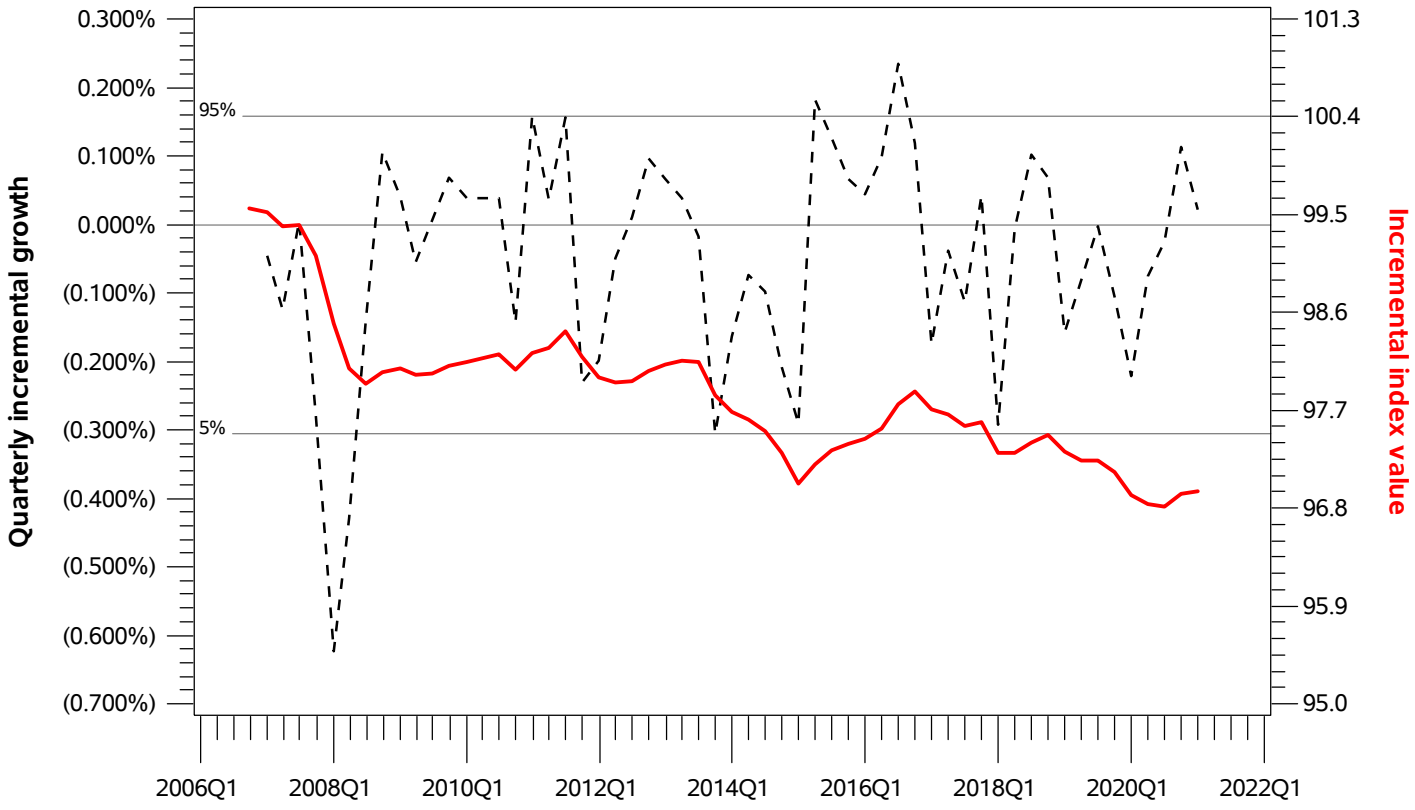


Table 116. ECI: W&S(PRIV) Finance and insurance incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20252000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.4937	Z_{Tau}	-4.4438
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0007

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0022	AR(1) coefficient	-0.4497
Standard error	0.0562	Standard error	0.1204
t-statistic	0.0386	t-statistic	-3.7336
Probability t	0.9693	Durbin-Watson	1.9098

Estimated incremental annual growth rate: 0.009%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

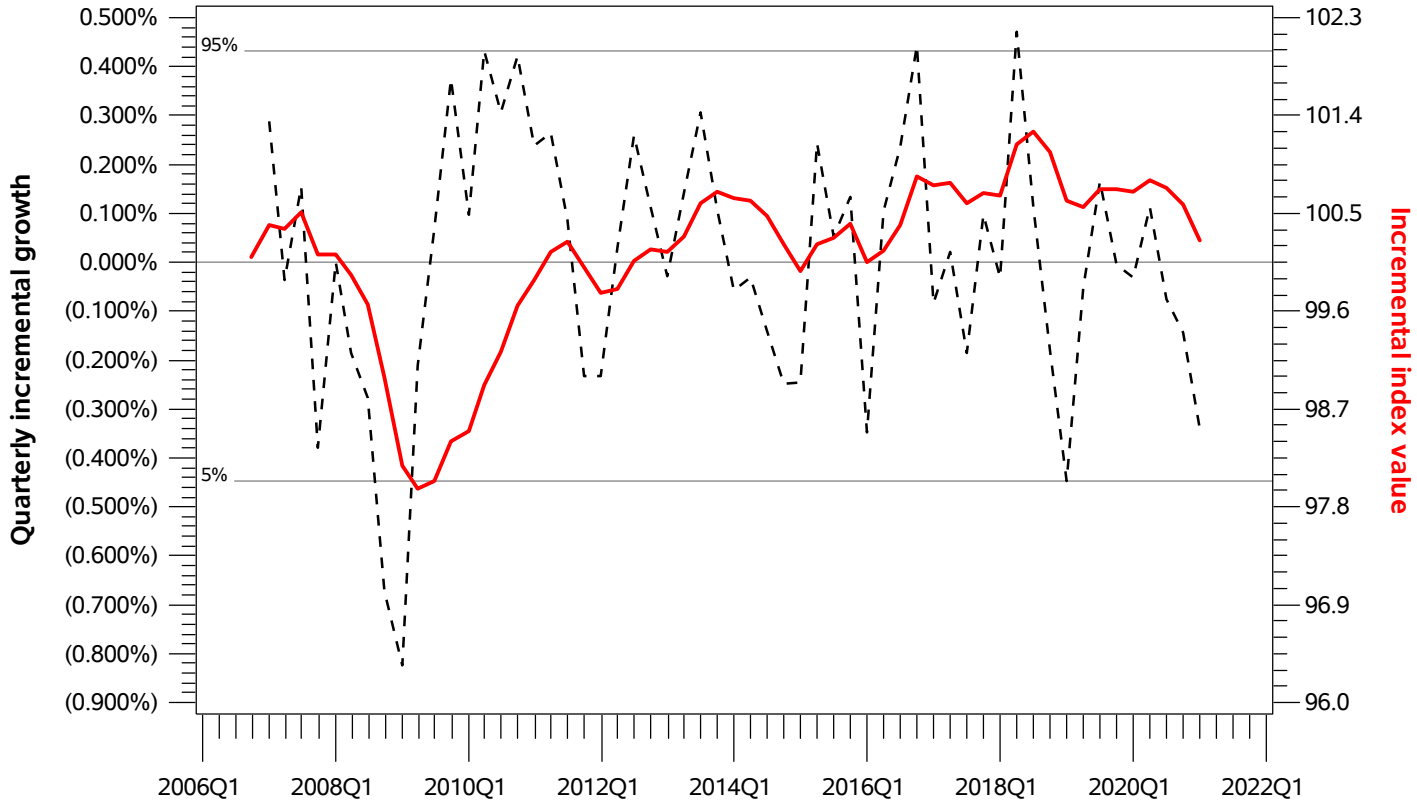


Table 117. ECI: W&S(PRIV) Financial activities incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202520A000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.9675	Z_{Tau}	-4.3980
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0008

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0036	AR(1) coefficient	-0.4565
Standard error	0.0483	Standard error	0.1200
t-statistic	-0.0749	t-statistic	-3.8055
Probability t	0.9405	Durbin-Watson	1.9535

Estimated incremental annual growth rate: (0.014%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

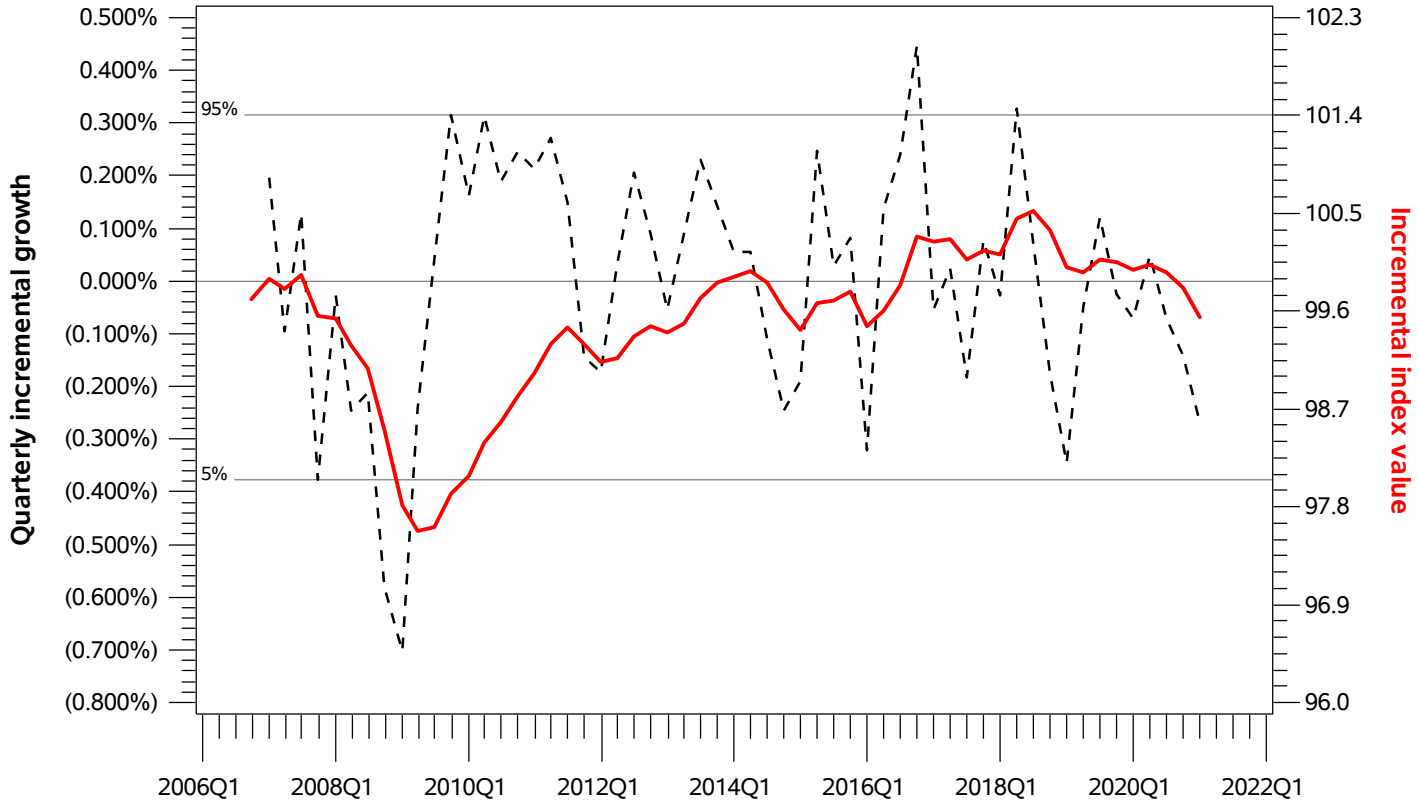


Table 118. ECI: W&S(PRIV) Financial activities, excluding incentive paid occupations incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202520A000710I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-39.8208	Z_{Tau}	-5.2210
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0186	AR(1) coefficient	-0.3164
Standard error	0.0227	Standard error	0.1279
t-statistic	-0.8194	t-statistic	-2.4736
Probability t	0.4161	Durbin-Watson	1.7363

Estimated incremental annual growth rate: (0.074%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

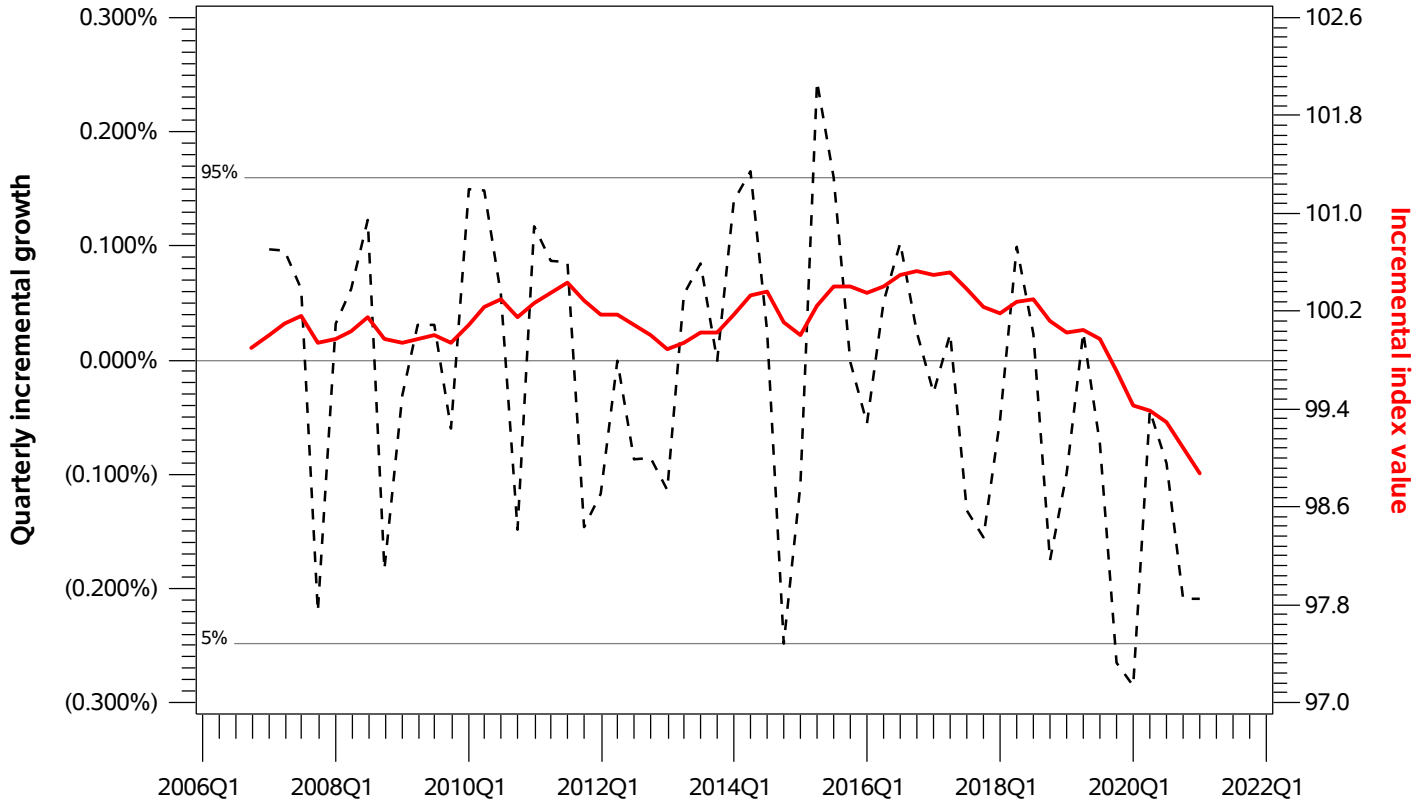


Table 119. ECI: W&S(PRIV) Credit intermediation and related activities incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20252200000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-38.2899	Z_{Tau}	-5.2392
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0236	AR(1) coefficient	-0.3414
Standard error	0.0501	Standard error	0.1267
t-statistic	-0.4708	t-statistic	-2.6936
Probability t	0.6396	Durbin-Watson	1.9857

Estimated incremental annual growth rate: (0.094%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

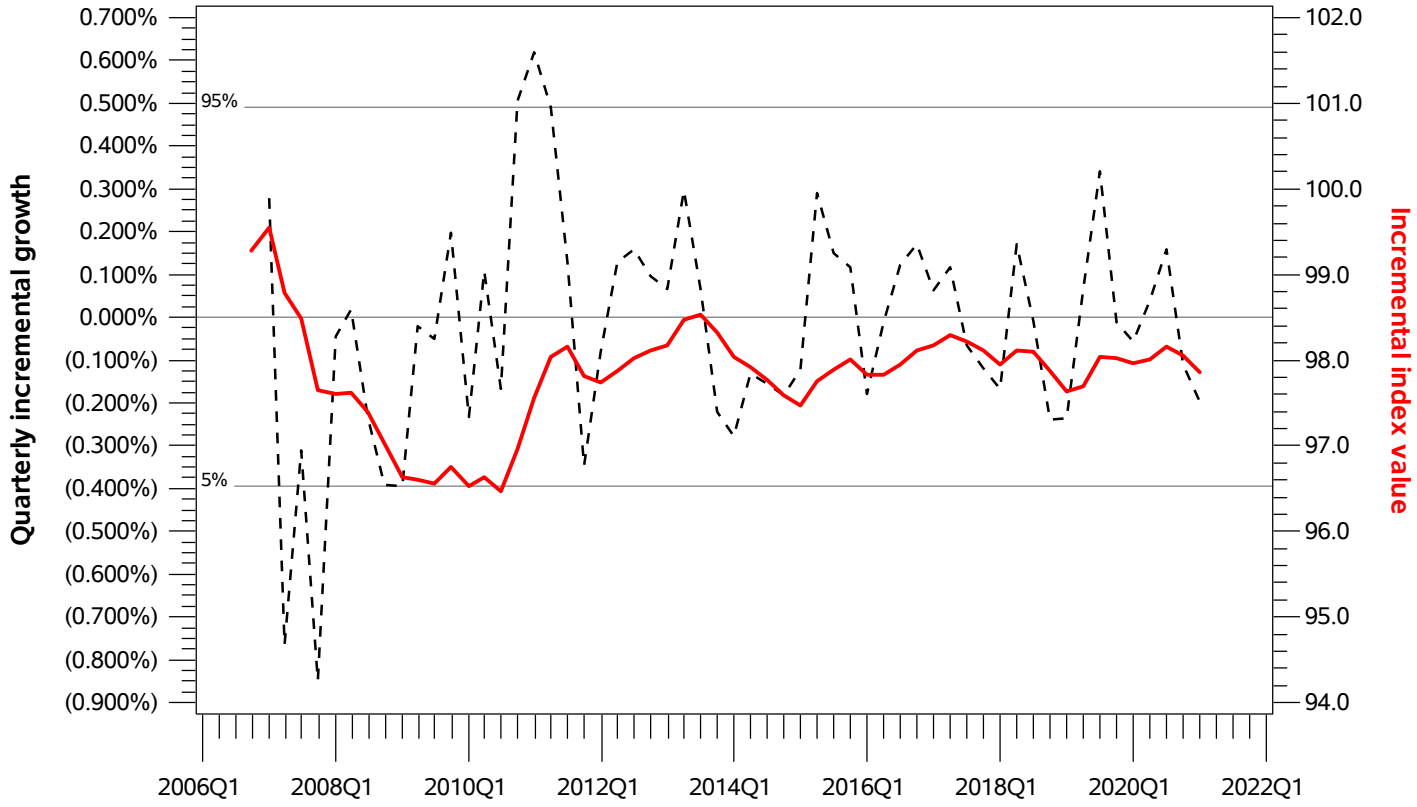


Table 120. ECI: W&S(PRIV) Credit intermediation and related, excluding incentive paid incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20252200000710I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-40.4697	Z_{Tau}	-5.2773
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0075	AR(1) coefficient	-0.2803
Standard error	0.0248	Standard error	0.1294
t-statistic	-0.3012	t-statistic	-2.1656
Probability t	0.7644	Durbin-Watson	1.8226

Estimated incremental annual growth rate: (0.030%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

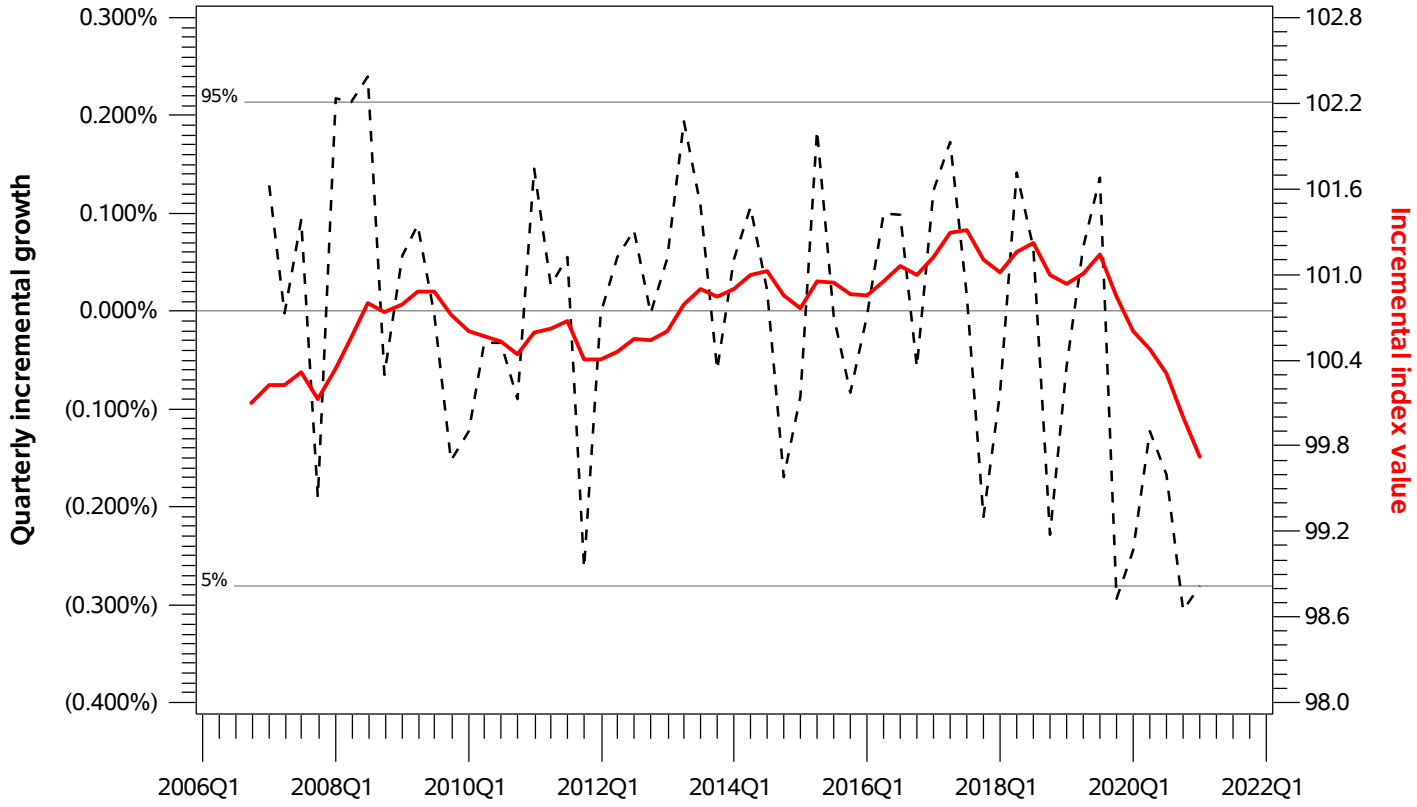


Table 121. ECI: W&S(PRIV) Insurance carriers and related activities incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2025240000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.5115	Z_{Tau}	-4.3773
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0008

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0073	AR(1) coefficient	-0.4918
Standard error	0.0635	Standard error	0.1174
t-statistic	-0.1146	t-statistic	-4.1892
Probability t	0.9092	Durbin-Watson	1.7792

Estimated incremental annual growth rate: (0.029%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

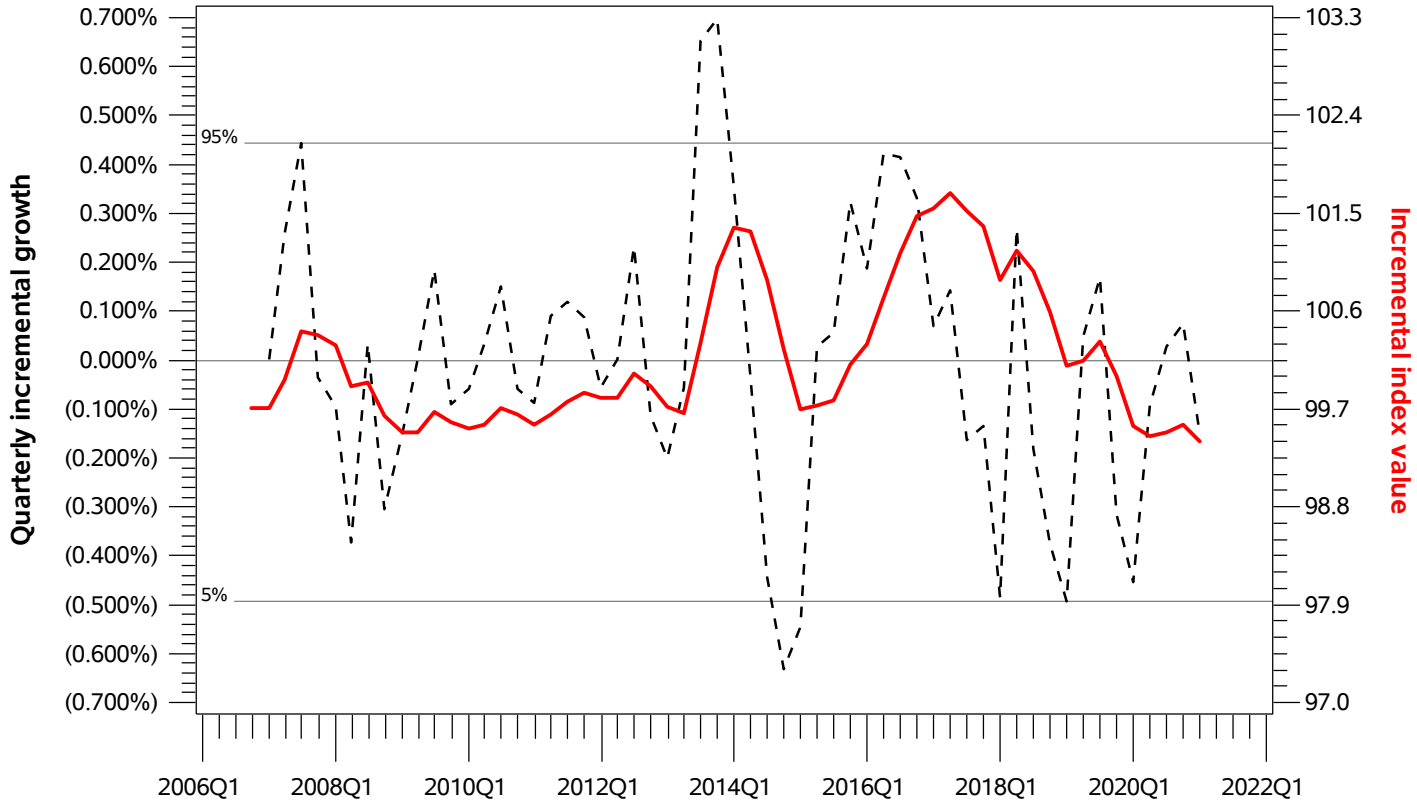


Table 122. ECI: W&S(PRIV) Insurance carriers and related, excluding incentive paid incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2025240000710I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-38.7393	Z_{Tau}	-5.0430
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0284	AR(1) coefficient	-0.3694
Standard error	0.0288	Standard error	0.1253
t-statistic	-0.9854	t-statistic	-2.9482
Probability t	0.3287	Durbin-Watson	1.6302

Estimated incremental annual growth rate: (0.114%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

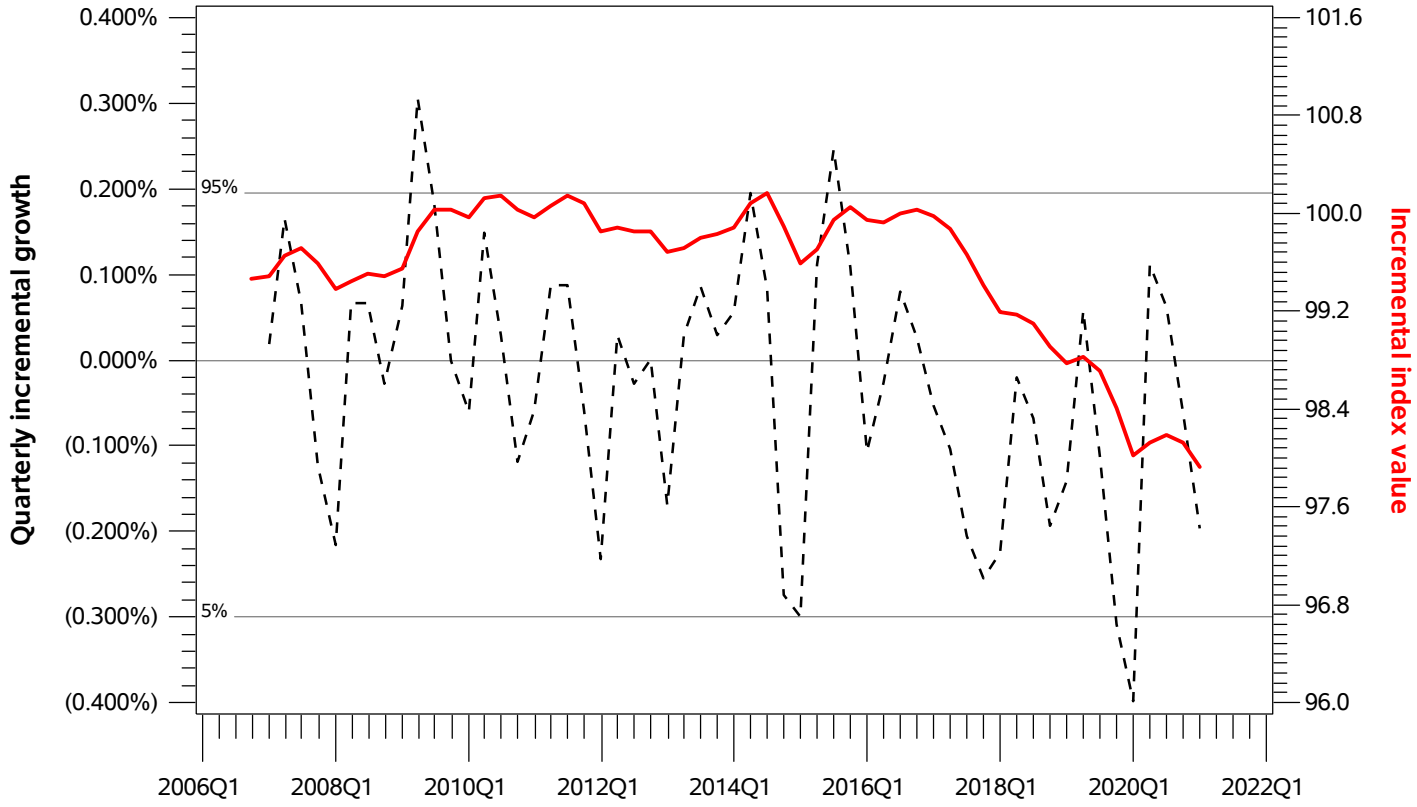


Table 123. ECI: W&S(PRIV) Real estate and rental and leasing incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20253000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-28.5737	Z_{Tau}	-4.3389
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0010

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0343	AR(1) coefficient	-0.5072
Standard error	0.0479	Standard error	0.1162
t-statistic	-0.7148	t-statistic	-4.3650
Probability t	0.4777	Durbin-Watson	1.8093

Estimated incremental annual growth rate: (0.137%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

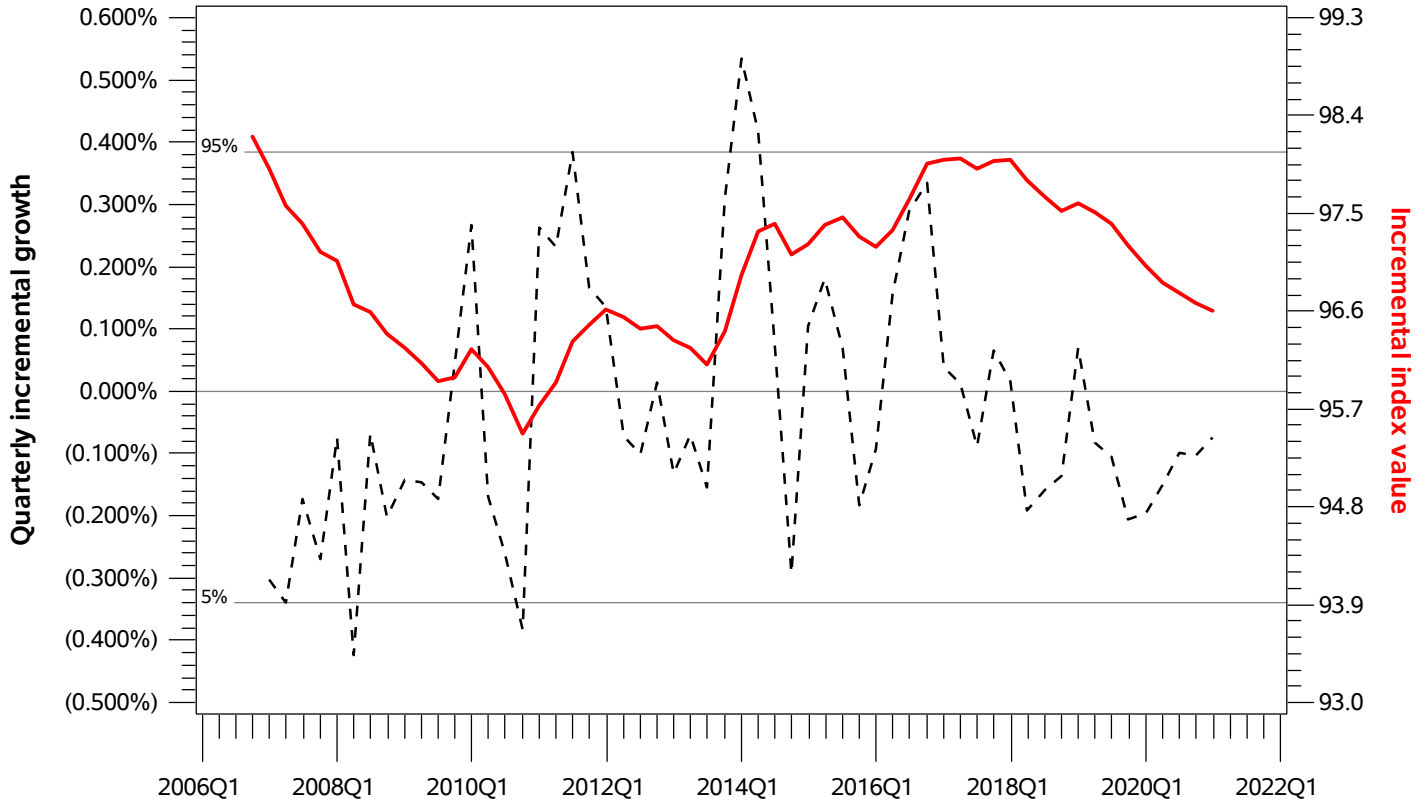


Table 124. ECI: W&S(PRIV) Real estate and rental and leasing, excluding incentive paid incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20253000007101 and CIU202S000000000I

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-32.9314	Z_{Tau}	-4.6661
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0004

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0047	AR(1) coefficient	-0.4352
Standard error	0.0348	Standard error	0.1214
t-statistic	-0.1341	t-statistic	-3.5847
Probability t	0.8938	Durbin-Watson	1.8793

Estimated incremental annual growth rate: (0.019%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

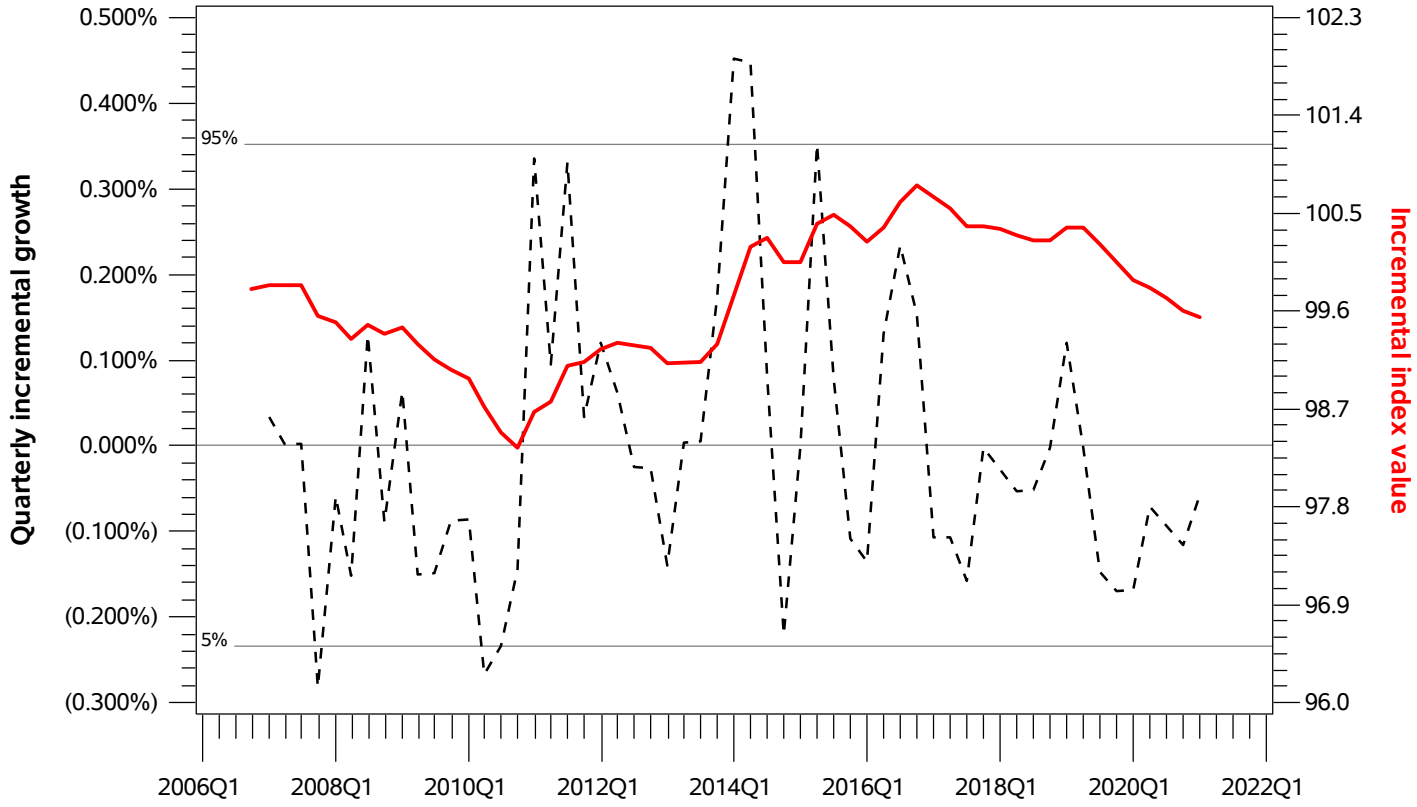


Table 125. ECI: W&S(PRIV) Professional, scientific, and technical services incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20254000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-37.8546	Z_{Tau}	-5.3466
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0088	AR(1) coefficient	-0.2995
Standard error	0.0443	Standard error	0.1287
t-statistic	0.1996	t-statistic	-2.3277
Probability t	0.8425	Durbin-Watson	2.0784

Estimated incremental annual growth rate: 0.035%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

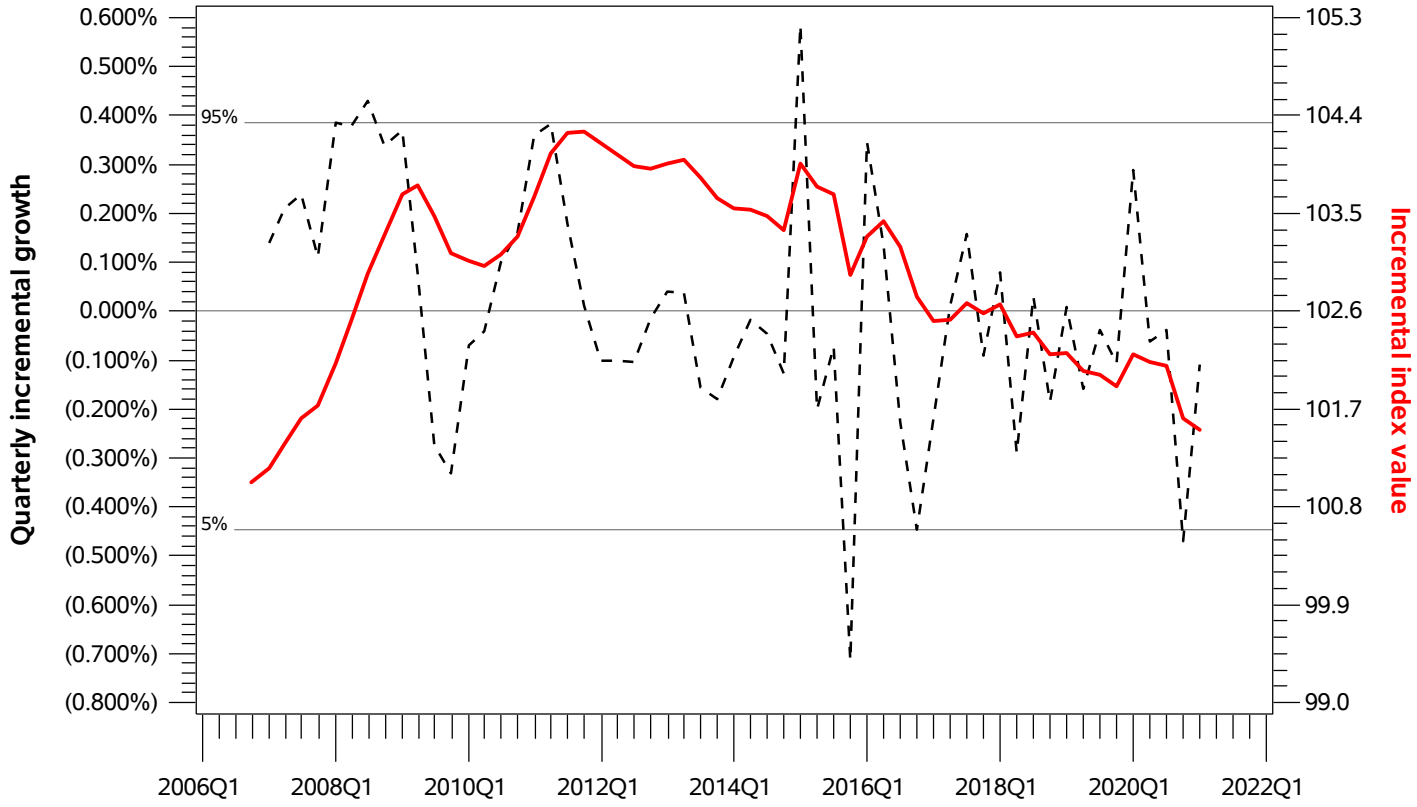


Table 126. ECI: W&S(PRIV) Professional and business services incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202540A000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-27.1703	Z_{Tau}	-4.1597
Prob Z_{Rho}	0.0007	Prob Z_{Tau}	0.0016

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0008	AR(1) coefficient	-0.5123
Standard error	0.0357	Standard error	0.1158
t-statistic	0.0227	t-statistic	-4.4235
Probability t	0.9820	Durbin-Watson	2.0004

Estimated incremental annual growth rate: 0.003%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

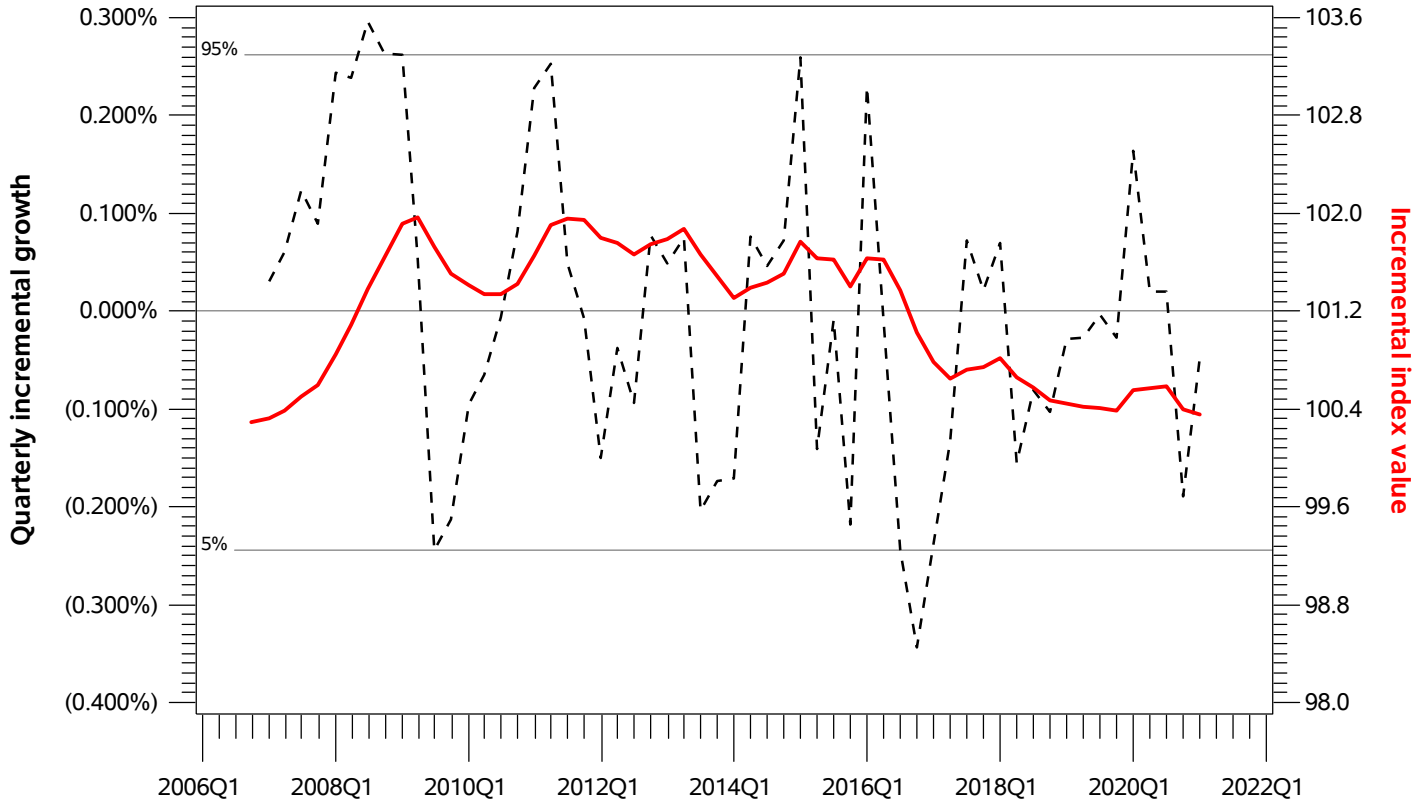


Table 127. ECI: W&S(PRIV) Administrative and support and waste management and remediation services incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20256000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-32.6504	Z_{Tau}	-4.7032
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0059	AR(1) coefficient	-0.4184
Standard error	0.0435	Standard error	0.1225
t-statistic	0.1363	t-statistic	-3.4164
Probability t	0.8921	Durbin-Watson	1.9879

Estimated incremental annual growth rate: 0.024%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

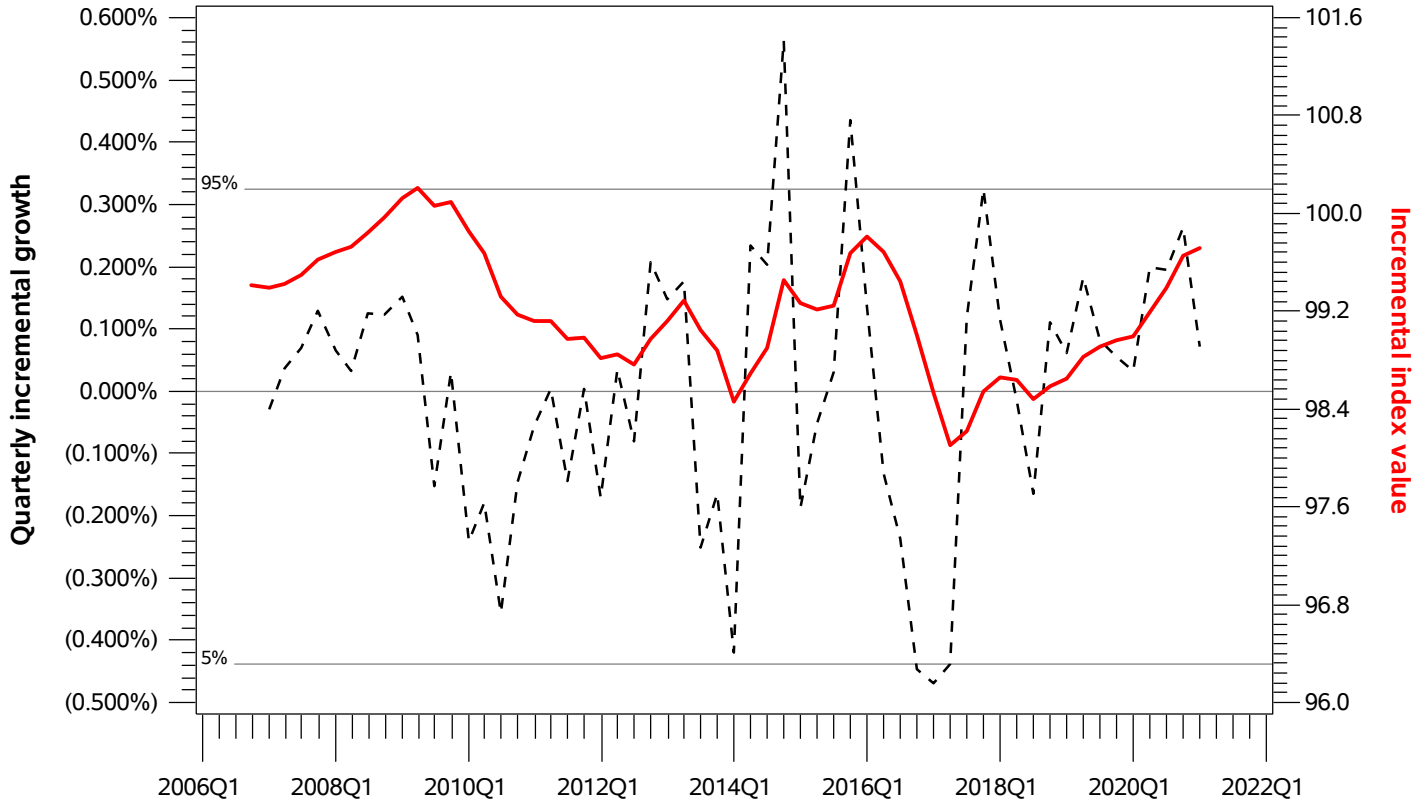


Table 128. ECI: W&S(PRIV) Education and health services incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20260000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.8158	Z_{Tau}	-4.4297
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0007

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0372	AR(1) coefficient	-0.4079
Standard error	0.0239	Standard error	0.1231
t-statistic	-1.5532	t-statistic	-3.3135
Probability t	0.1261	Durbin-Watson	1.8504

Estimated incremental annual growth rate: (0.149%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

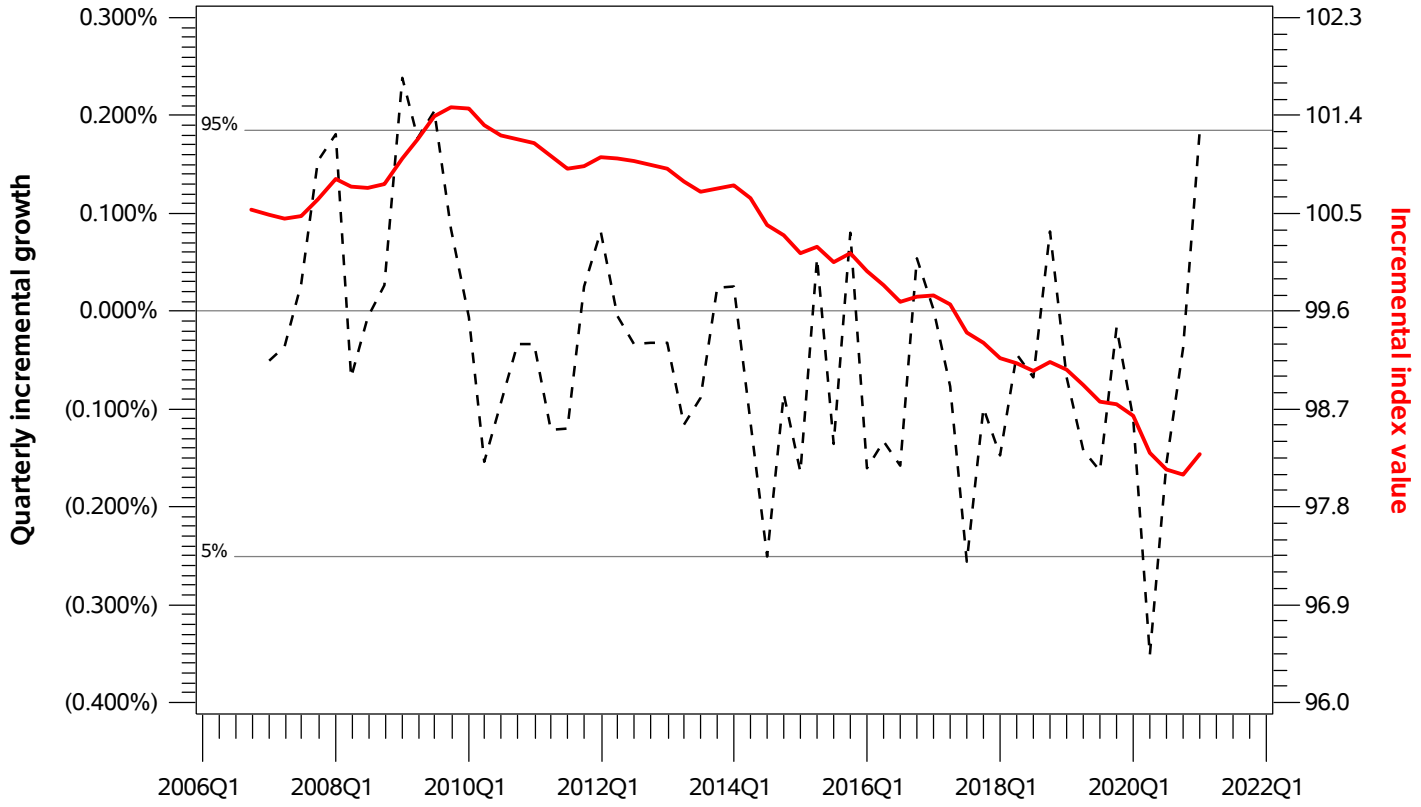


Table 129. ECI: W&S(PRIV) Education services incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20261000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-41.8118	Z_{Tau}	-5.5825
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0598	AR(1) coefficient	-0.2899
Standard error	0.0358	Standard error	0.1290
t-statistic	-1.6711	t-statistic	-2.2464
Probability t	0.1004	Durbin-Watson	1.7600

Estimated incremental annual growth rate: (0.239%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

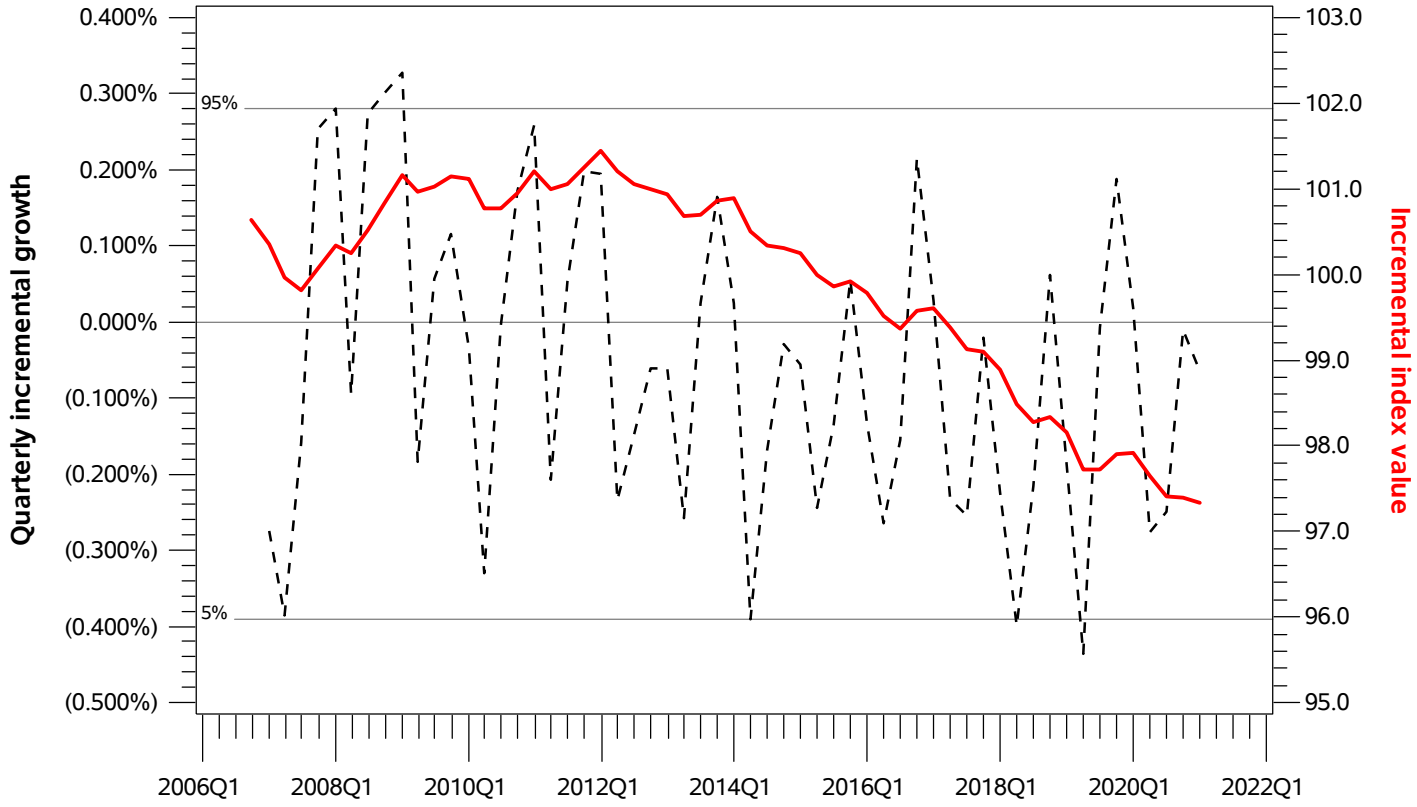


Table 130. ECI: W&S(PRIV) Junior colleges, colleges, and universities incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2026120000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-35.9692	Z_{Tau}	-4.9847
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0797	AR(1) coefficient	-0.3775
Standard error	0.0445	Standard error	0.1249
t-statistic	-1.7912	t-statistic	-3.0230
Probability t	0.0788	Durbin-Watson	1.7233

Estimated incremental annual growth rate: (0.318%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.318%)

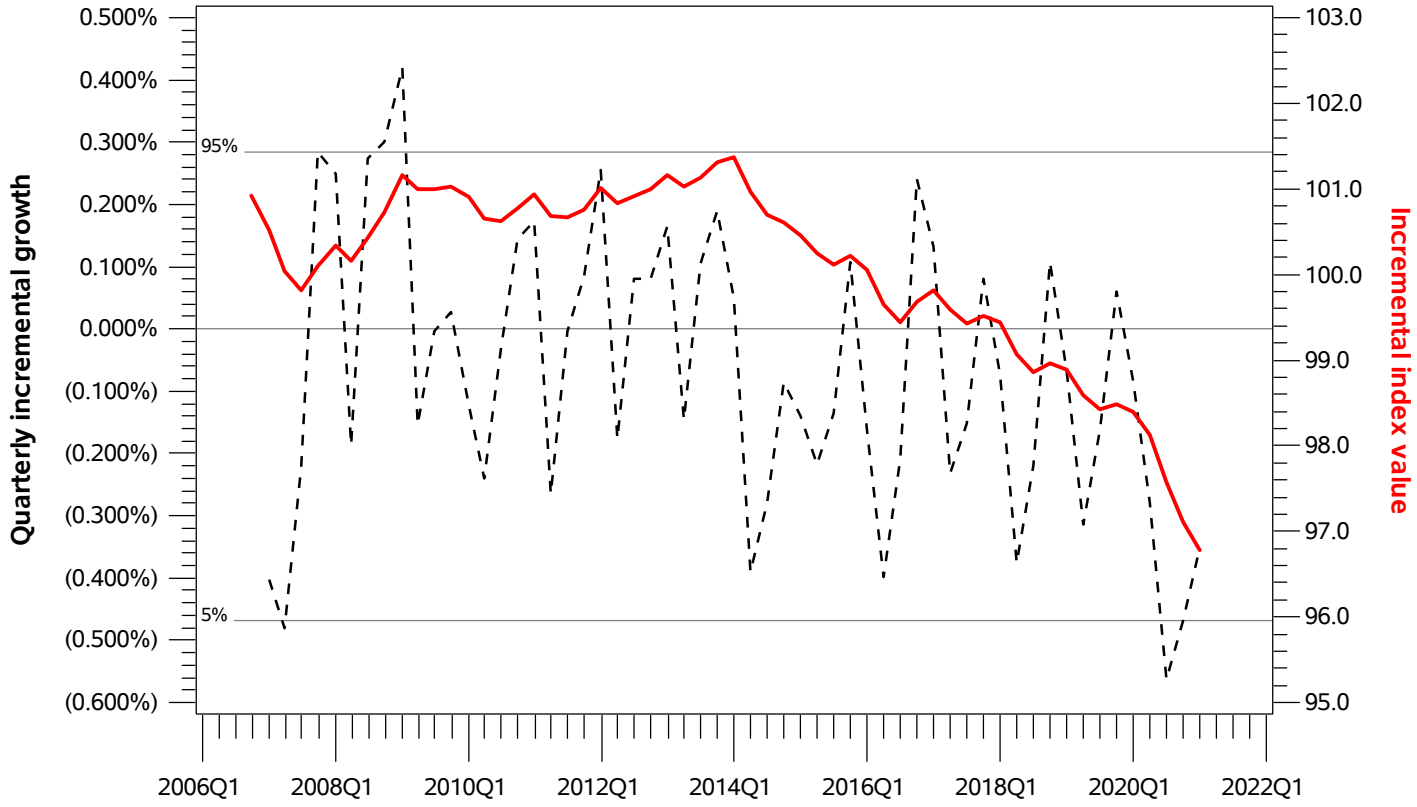


Table 131. ECI: W&S(PRIV) Health care and social assistance incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20262000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.8132	Z_{Tau}	-4.2188
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0014

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0321	AR(1) coefficient	-0.4200
Standard error	0.0245	Standard error	0.1224
t-statistic	-1.3118	t-statistic	-3.4325
Probability t	0.1950	Durbin-Watson	1.8587

Estimated incremental annual growth rate: (0.128%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

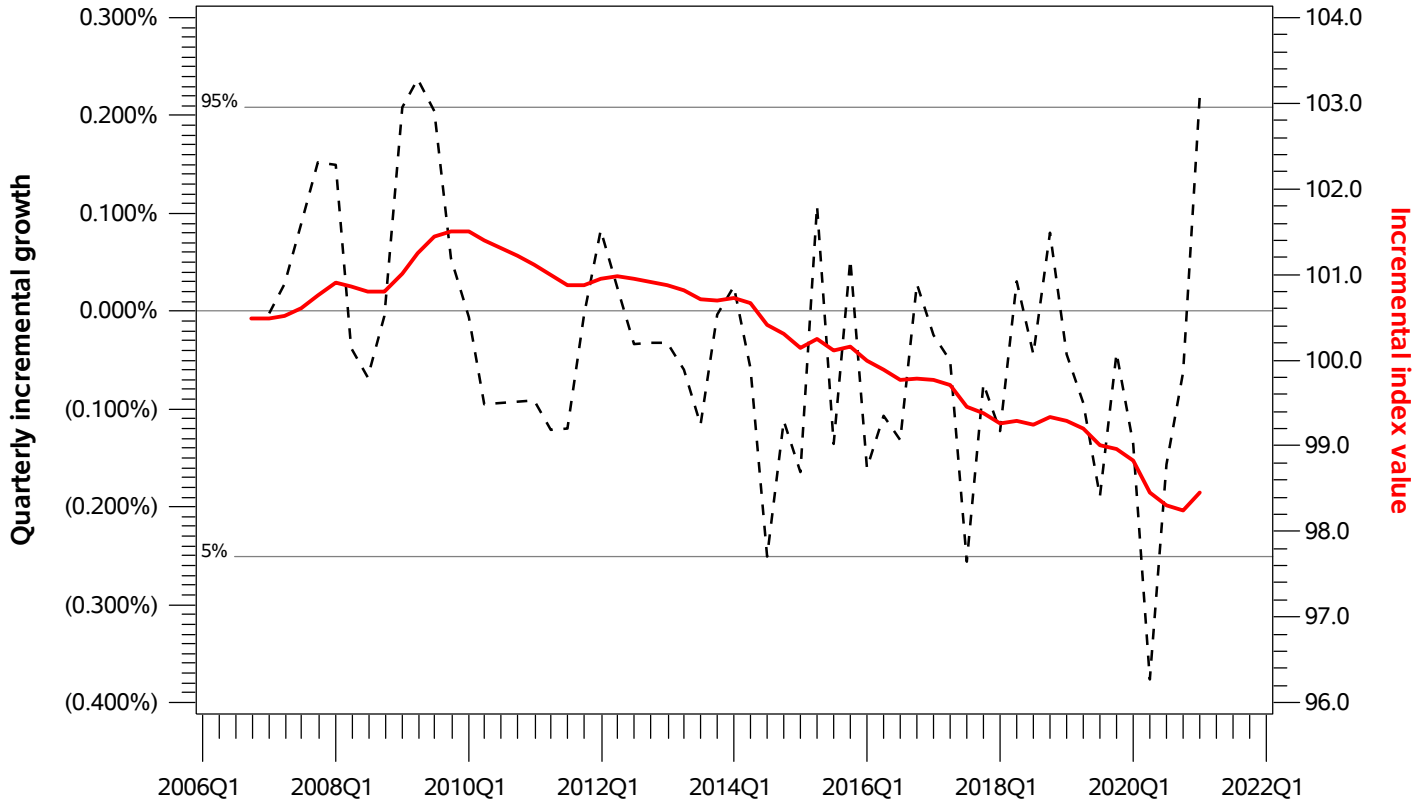


Table 132. ECI: W&S(PRIV) Hospitals incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2026220000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.1131	Z_{Tau}	-4.0714
Prob Z_{Rho}	0.0018	Prob Z_{Tau}	0.0021

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0303	AR(1) coefficient	-0.4873
Standard error	0.0324	Standard error	0.1177
t-statistic	-0.9369	t-statistic	-4.1387
Probability t	0.3529	Durbin-Watson	2.4188

Estimated incremental annual growth rate: (0.121%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

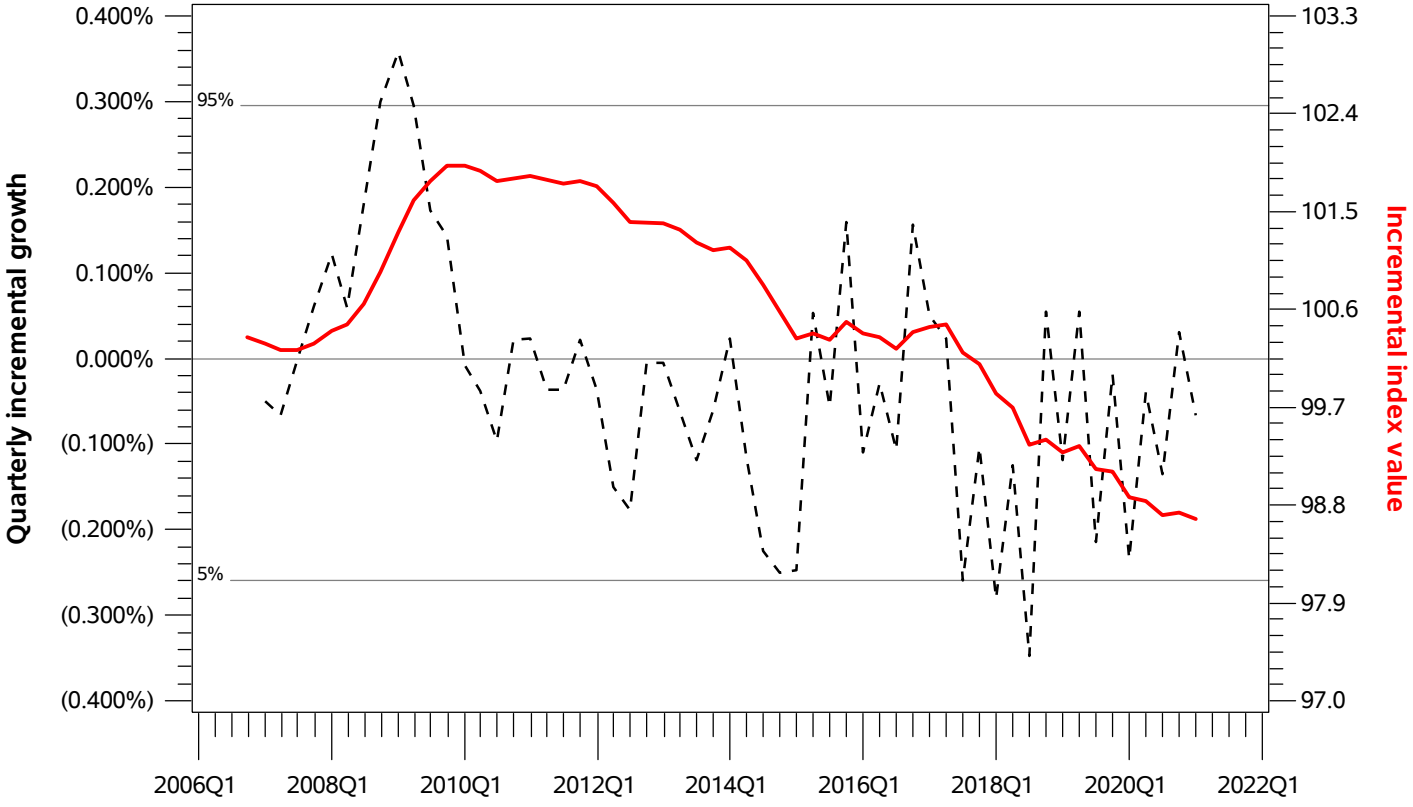


Table 133. ECI: W&S(PRIV) Nursing and residential care facilities incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20262300000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-16.0478	Z_{Tau}	-2.9177
Prob Z_{Rho}	0.0217	Prob Z_{Tau}	0.0494

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0339	AR(1) coefficient	-0.7209
Standard error	0.0478	Standard error	0.0934
t-statistic	-0.7089	t-statistic	-7.7153
Probability t	0.4814	Durbin-Watson	1.7773

Estimated incremental annual growth rate: (0.136%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

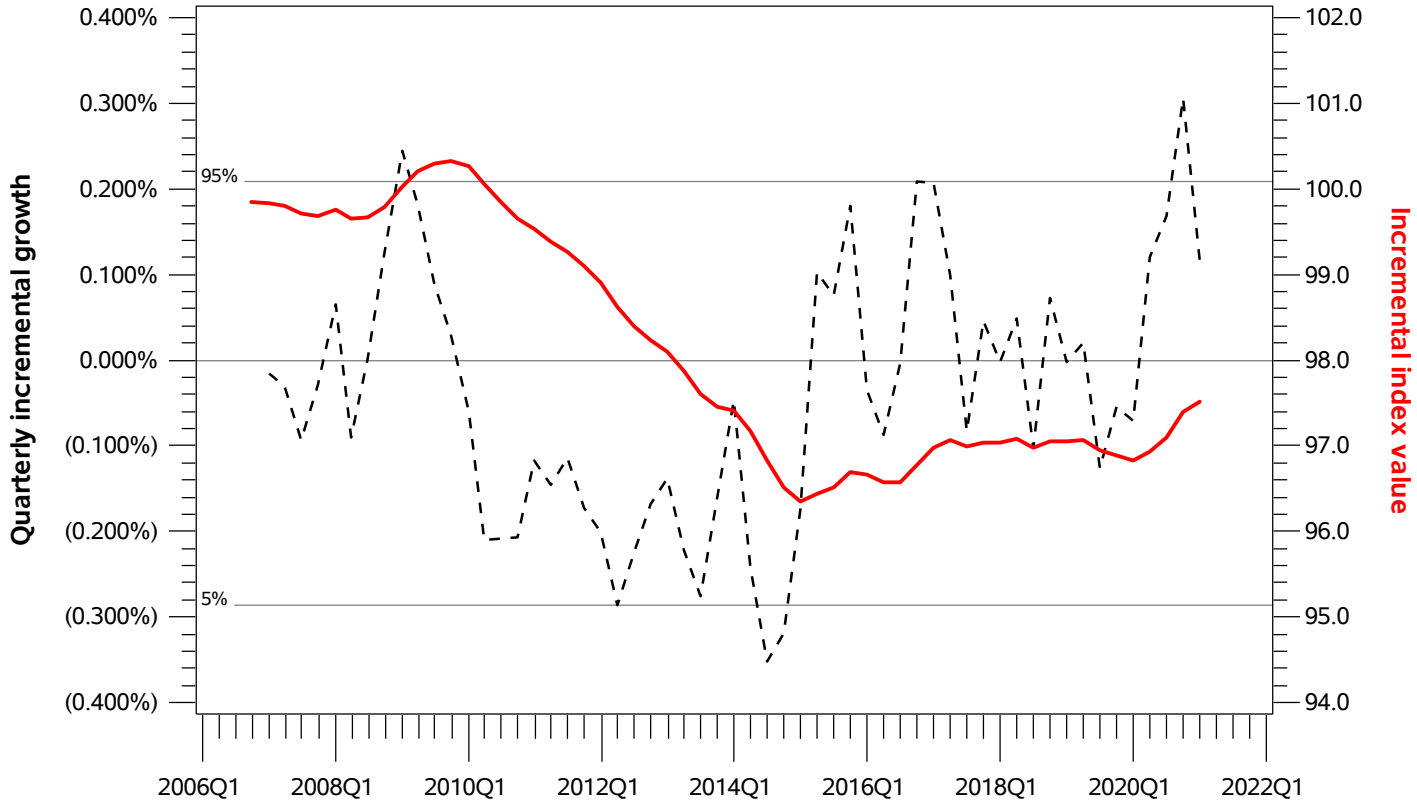


Table 134. ECI: W&S(PRIV) Nursing care facilities incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2026231000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-20.2563	Z_{Tau}	-3.4768
Prob Z_{Rho}	0.0061	Prob Z_{Tau}	0.0120

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0449	AR(1) coefficient	-0.6007
Standard error	0.0417	Standard error	0.1078
t-statistic	-1.0770	t-statistic	-5.5716
Probability t	0.2862	Durbin-Watson	2.1290

Estimated incremental annual growth rate: (0.179%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

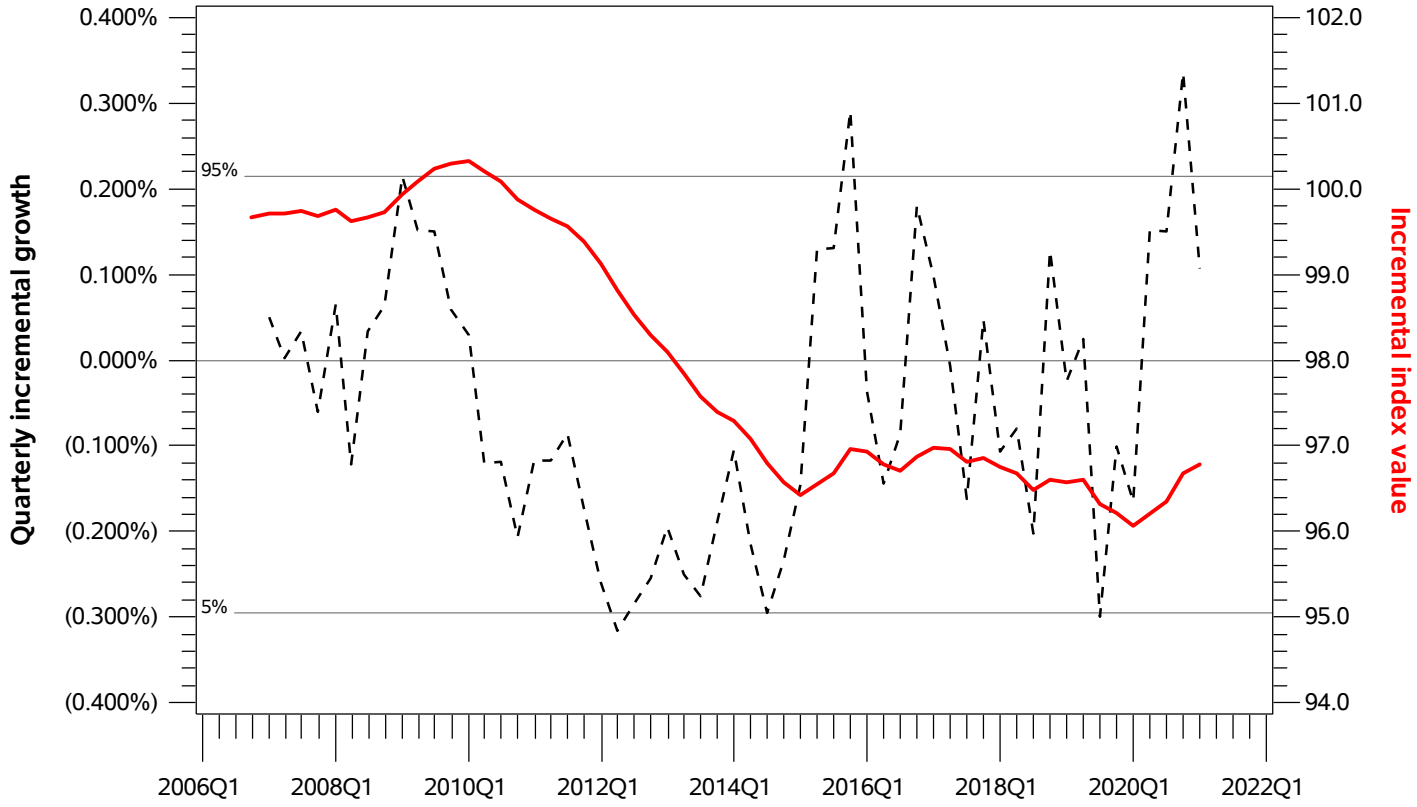


Table 135. ECI: W&S(PRIV) Leisure and hospitality incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20270000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-15.4609	Z_{Tau}	-3.1113
Prob Z_{Rho}	0.0258	Prob Z_{Tau}	0.0311

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0803	AR(1) coefficient	-0.6881
Standard error	0.0745	Standard error	0.0978
t-statistic	1.0789	t-statistic	-7.0320
Probability t	0.2853	Durbin-Watson	2.1605

Estimated incremental annual growth rate: 0.322%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

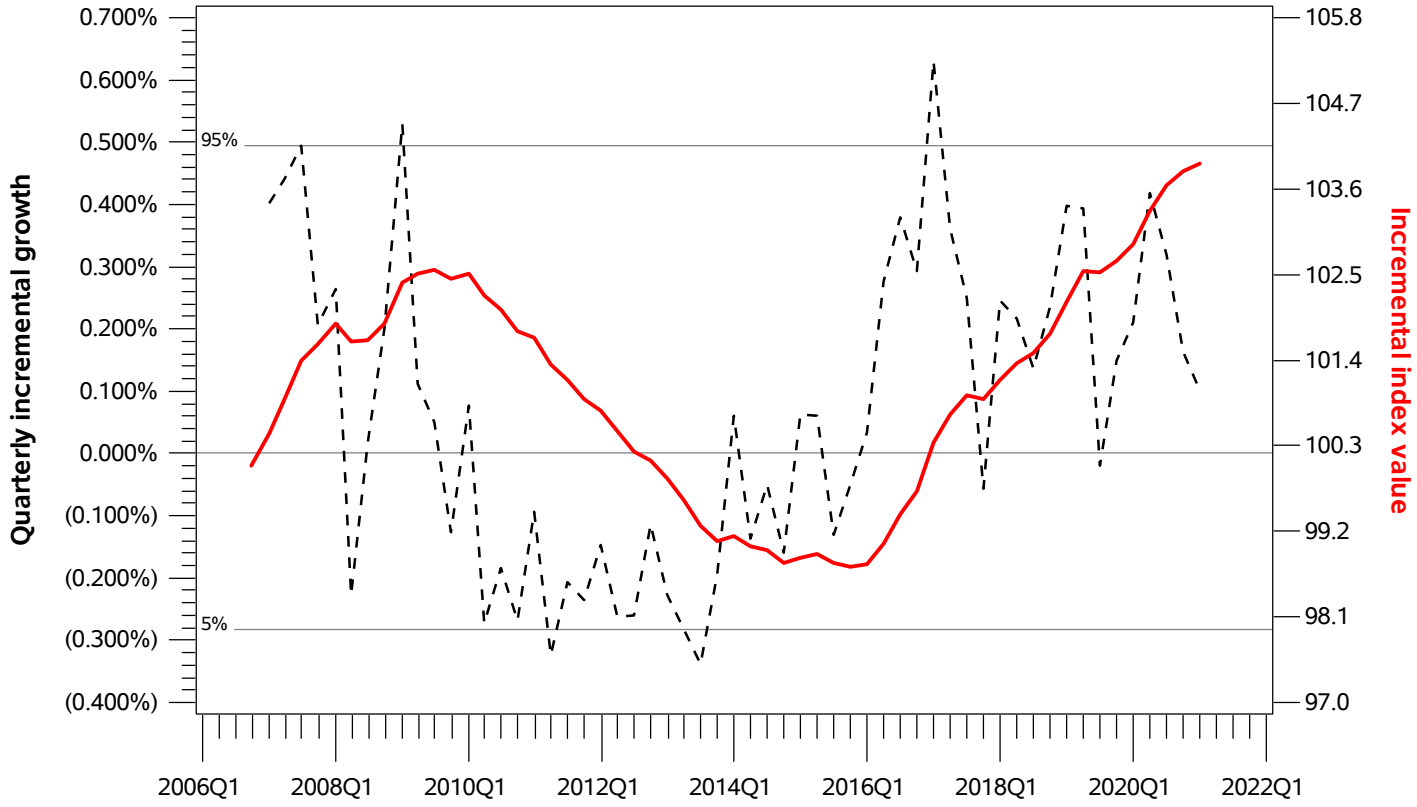


Table 136. ECI: W&S(PRIV) Accommodations and food service incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU2027200000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-12.8233	Z_{Tau}	-2.8189
Prob Z_{Rho}	0.0546	Prob Z_{Tau}	0.0618

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.1193	AR(1) coefficient	-0.7273
Standard error	0.0889	Standard error	0.0925
t-statistic	1.3411	t-statistic	-7.8584
Probability t	0.1854	Durbin-Watson	2.2146

Estimated incremental annual growth rate: 0.478%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

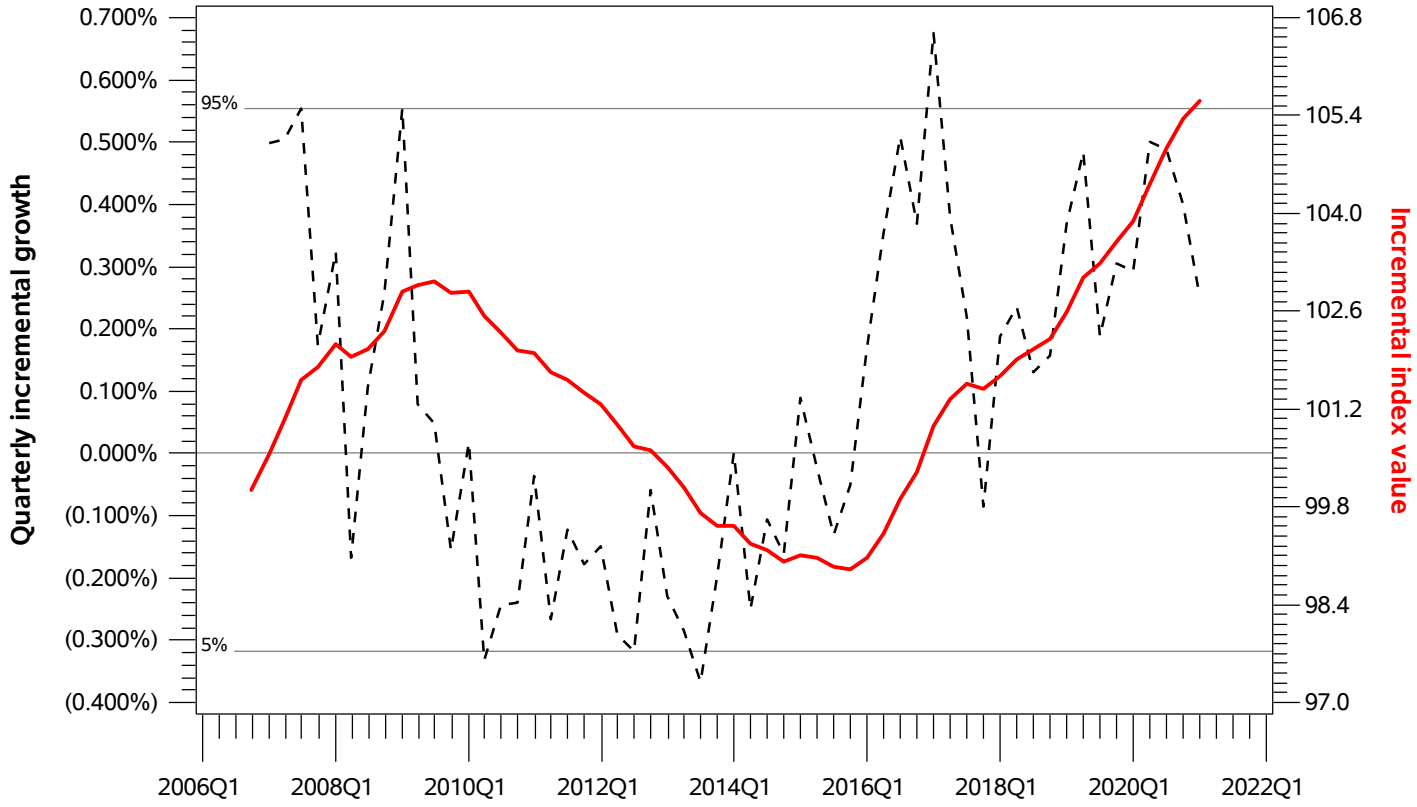


Table 137. ECI: W&S(PRIV) Other services, except public administration incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU20281000000000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-44.0041	Z_{Tau}	-6.0021
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0051	AR(1) coefficient	-0.2138
Standard error	0.0280	Standard error	0.1317
t-statistic	-0.1815	t-statistic	-1.6232
Probability t	0.8566	Durbin-Watson	1.9838

Estimated incremental annual growth rate: (0.020%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

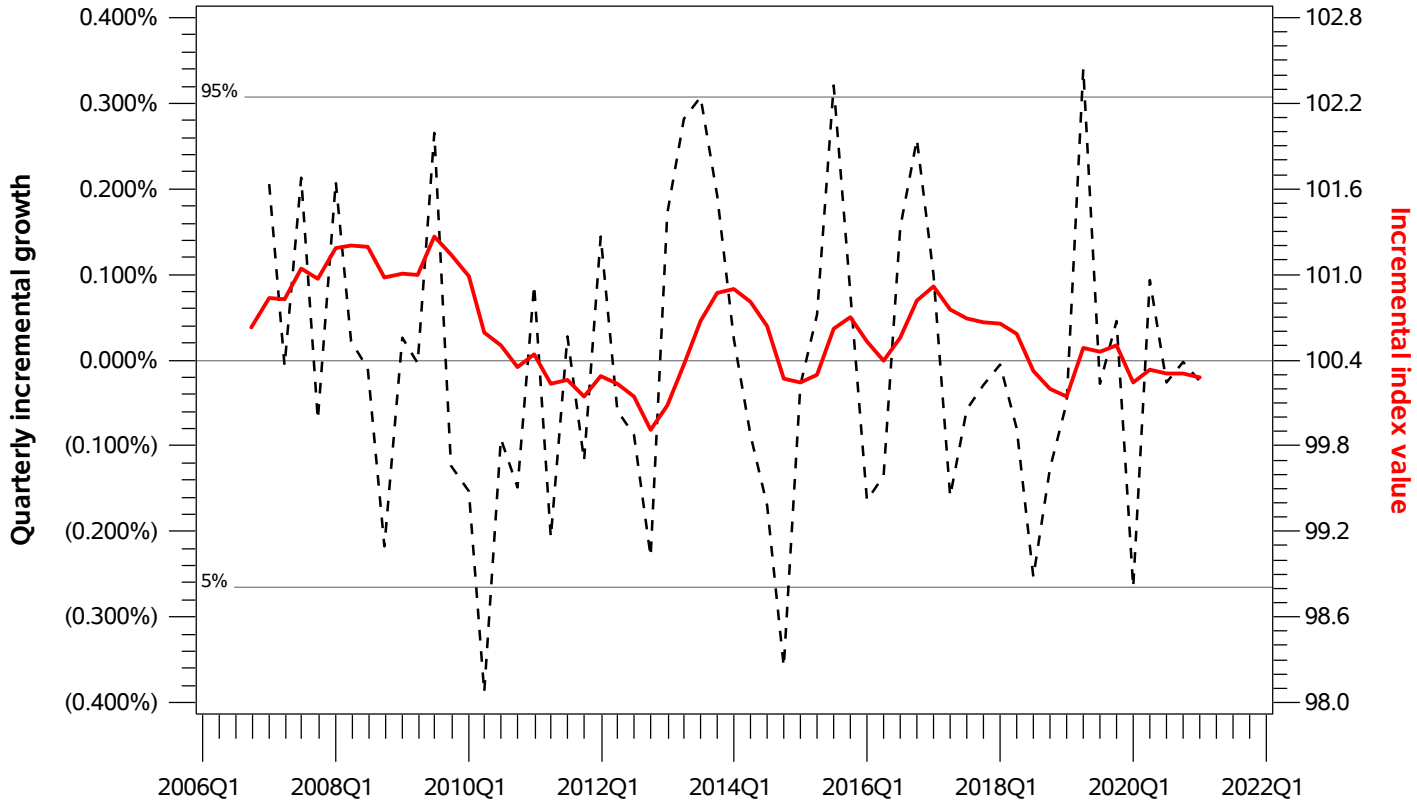


Table 138. ECI: W&S(PRIV) Union, goods-producing industries incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU202G000000510I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-16.6471	Z_{Tau}	-3.2676
Prob Z_{Rho}	0.0182	Prob Z_{Tau}	0.0210

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0358	AR(1) coefficient	-0.6244
Standard error	0.0332	Standard error	0.1053
t-statistic	-1.0759	t-statistic	-5.9287
Probability t	0.2867	Durbin-Watson	2.2474

Estimated incremental annual growth rate: (0.143%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

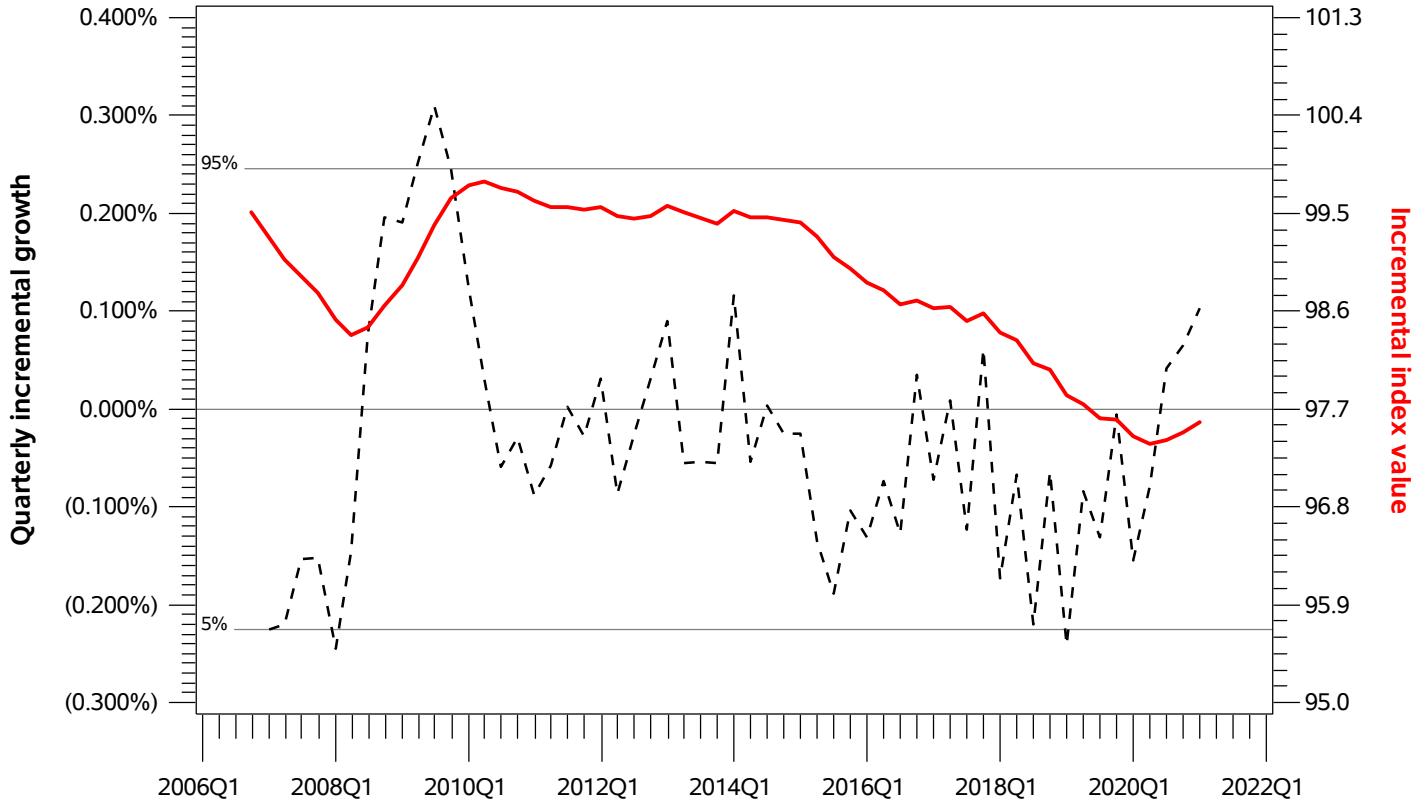


Table 139. ECI: W&S(PRIV) Nonunion, goods-producing industries incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU202G000000520I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.2503	Z_{Tau}	-3.8607
Prob Z_{Rho}	0.0045	Prob Z_{Tau}	0.0040

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0078	AR(1) coefficient	-0.5119
Standard error	0.0078	Standard error	0.1158
t-statistic	1.0045	t-statistic	-4.4197
Probability t	0.3195	Durbin-Watson	2.2809

Estimated incremental annual growth rate: 0.031%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

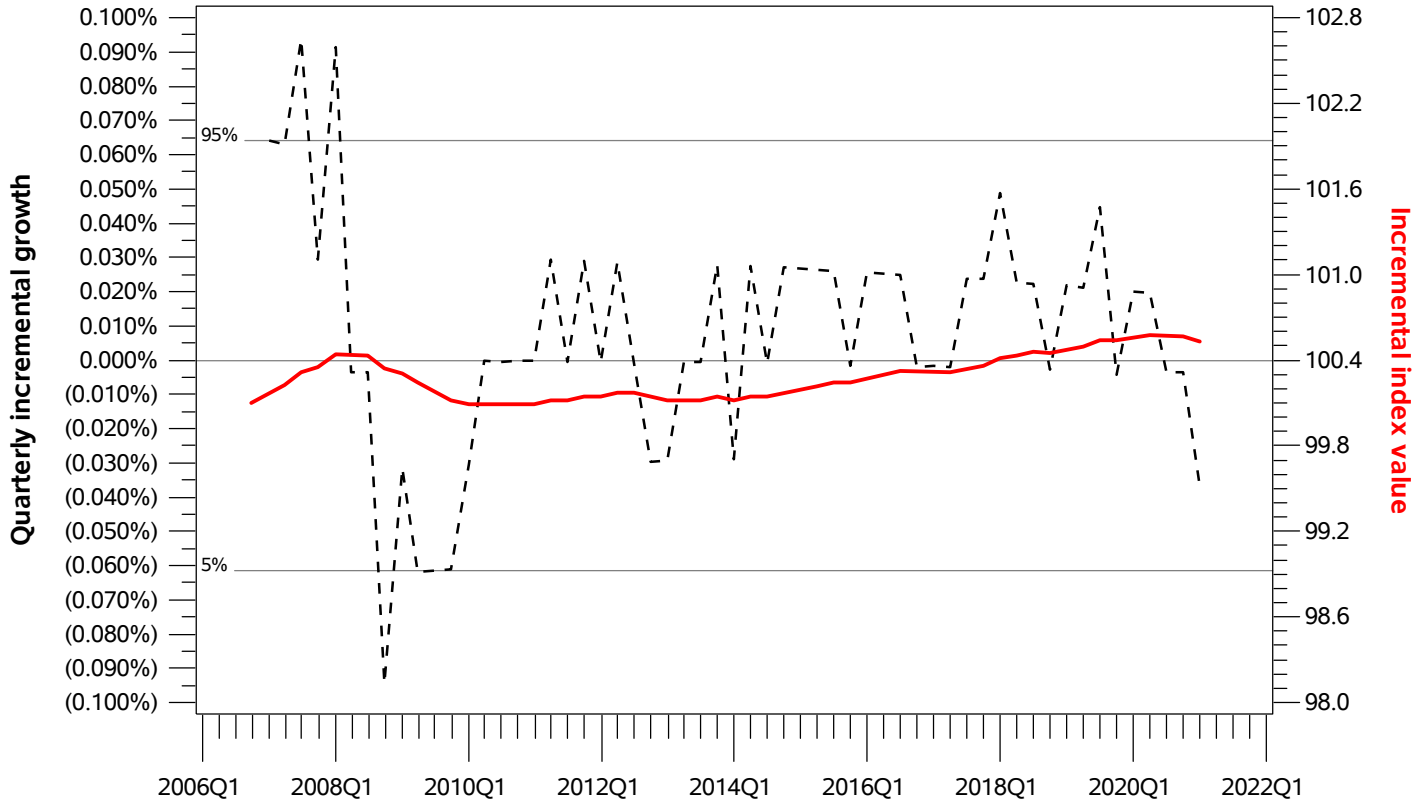


Table 140. ECI: W&S(PRIV) Goods-producing, excluding incentive paid occupations incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU202G000000710I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.9983	Z_{Tau}	-4.7281
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0033	AR(1) coefficient	-0.4018
Standard error	0.0092	Standard error	0.1235
t-statistic	-0.3563	t-statistic	-3.2538
Probability t	0.7230	Durbin-Watson	2.1085

Estimated incremental annual growth rate: (0.013%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

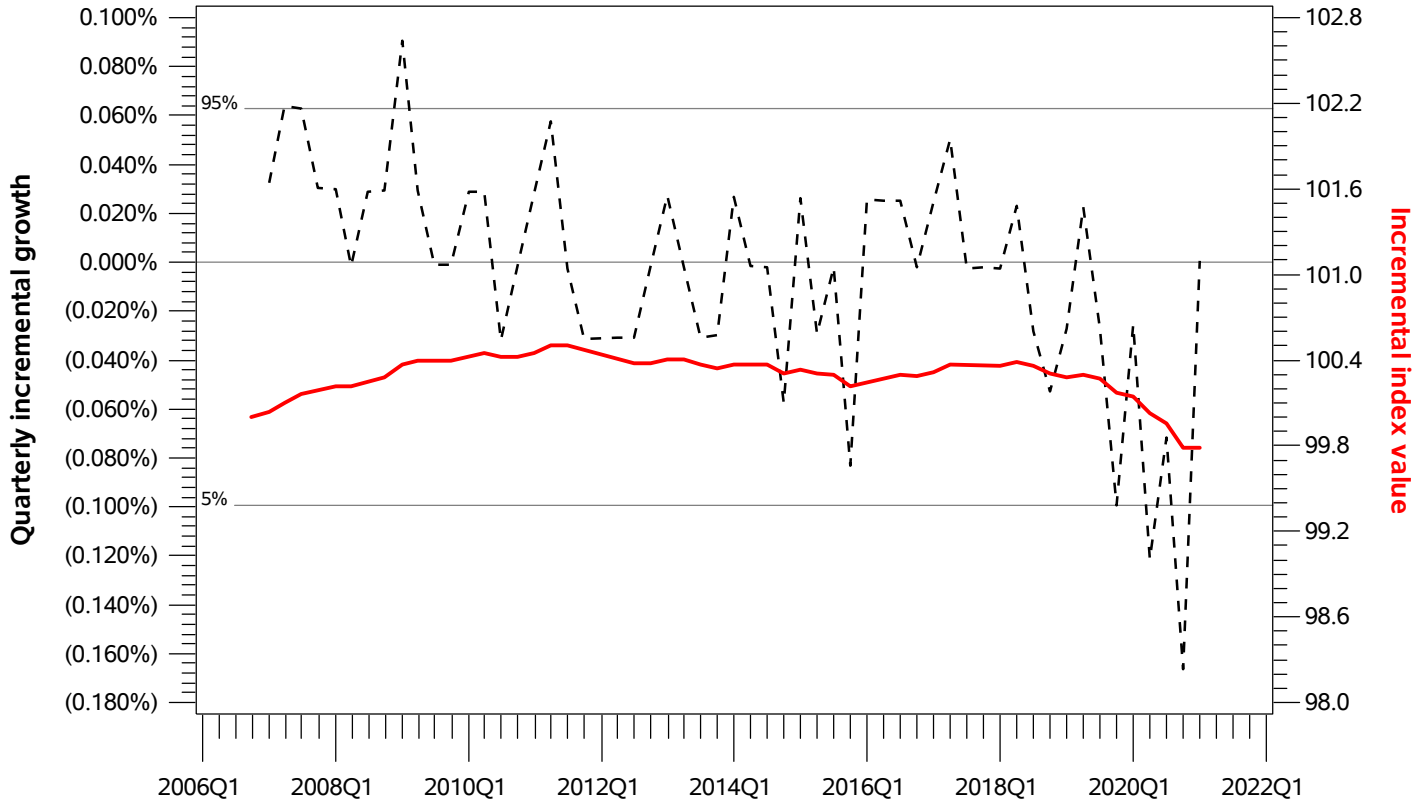


Table 141. ECI: W&S(PRIV) Goods-producing; management, professional, and related occupations incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU202G000100000I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.9706	Z_{Tau}	-4.7211
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0193	AR(1) coefficient	-0.4170
Standard error	0.0259	Standard error	0.1226
t-statistic	-0.7443	t-statistic	-3.4021
Probability t	0.4599	Durbin-Watson	1.9084

Estimated incremental annual growth rate: (0.077%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

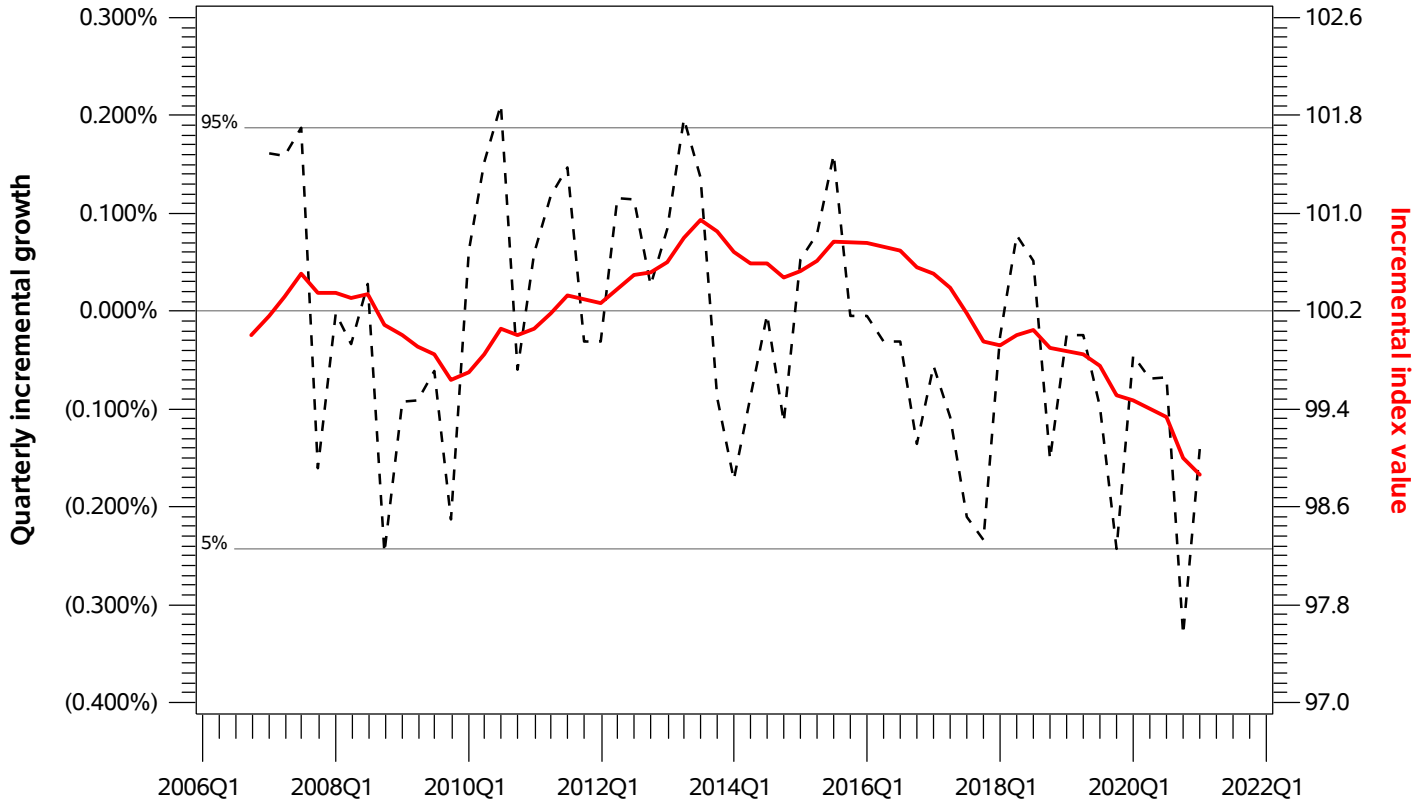


Table 142. ECI: W&S(PRIV) Goods-producing, sales and office occupations incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU202G000200000I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-47.9129	Z_{Tau}	-6.4668
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0695	AR(1) coefficient	-0.1287
Standard error	0.0454	Standard error	0.1337
t-statistic	1.5300	t-statistic	-0.9623
Probability t	0.1317	Durbin-Watson	2.0074

Estimated incremental annual growth rate: 0.278%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

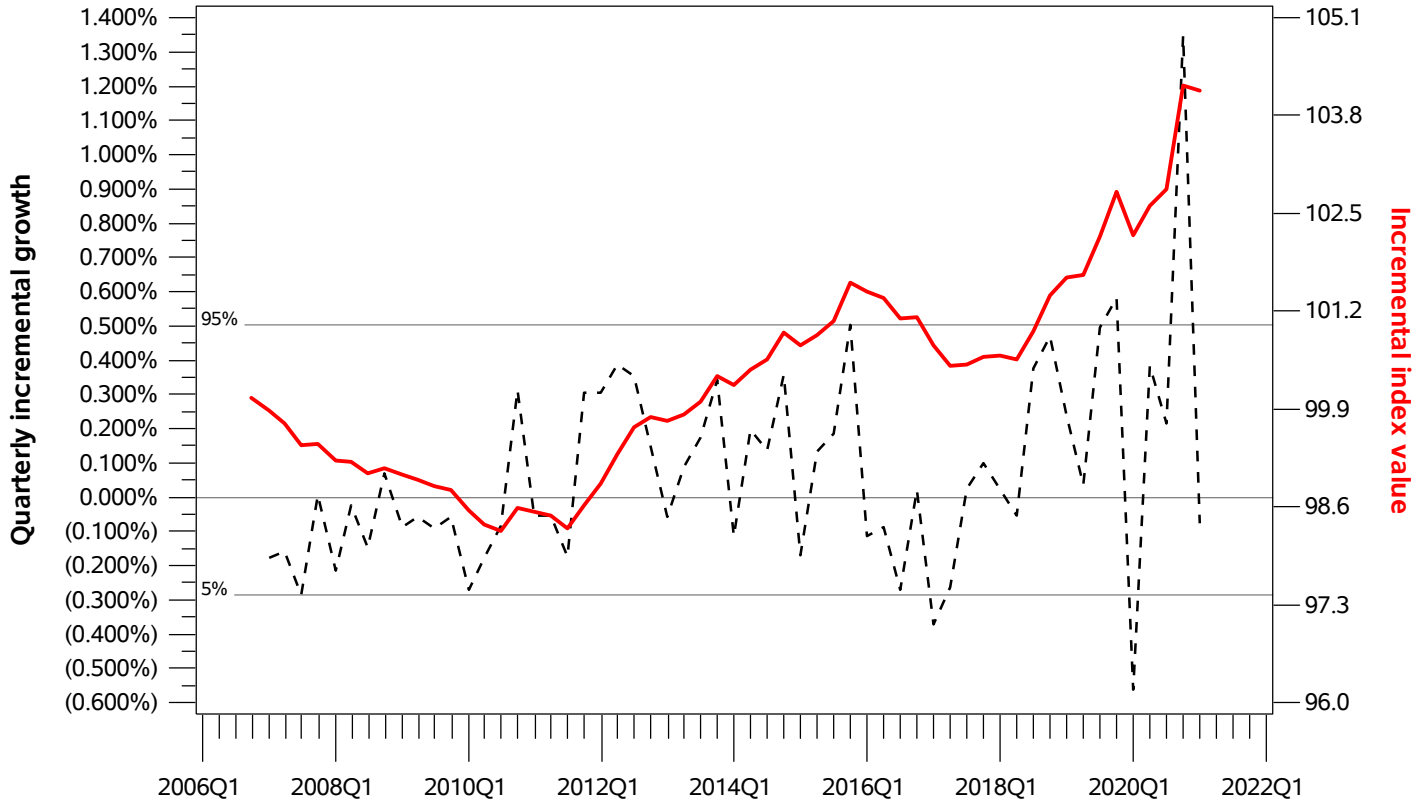


Table 143. ECI: W&S(PRIV) Goods-producing; natural resources, construction, and maintenance incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU202G000400000I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.7017	Z_{Tau}	-4.0383
Prob Z_{Rho}	0.0011	Prob Z_{Tau}	0.0024

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0070	AR(1) coefficient	-0.5269
Standard error	0.0302	Standard error	0.1146
t-statistic	-0.2310	t-statistic	-4.5981
Probability t	0.8181	Durbin-Watson	1.9968

Estimated incremental annual growth rate: (0.028%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

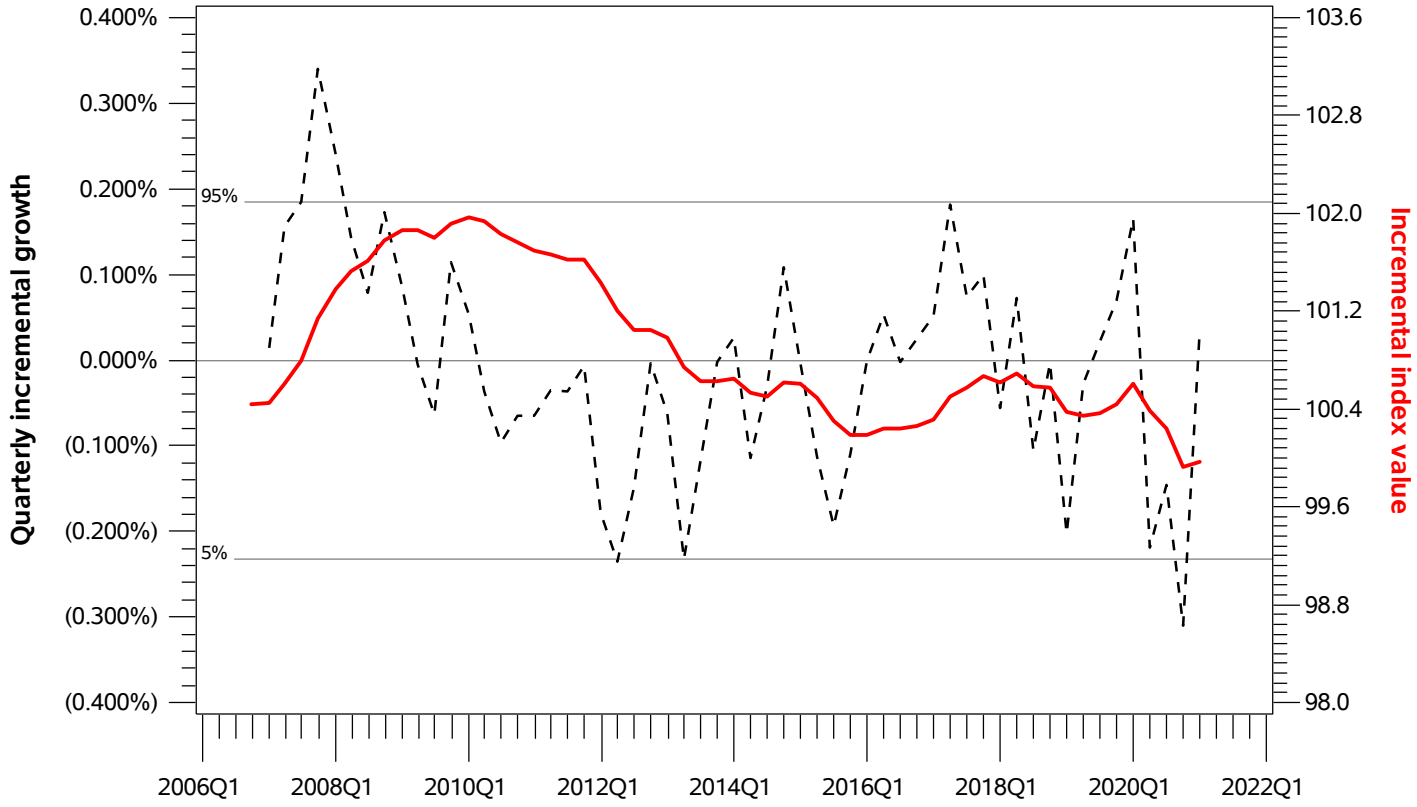


Table 144. ECI: W&S(PRIV) Goods-producing; production, transportation, and material moving incremental growth over ECI: W&S(PRIV) Goods-producing industries

LABSTAT series identifiers: CIU202G000500000I and CIU202G000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.4095	Z_{Tau}	-3.5621
Prob Z_{Rho}	0.0043	Prob Z_{Tau}	0.0095

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0045	AR(1) coefficient	-0.6157
Standard error	0.0227	Standard error	0.1062
t-statistic	0.1981	t-statistic	-5.7952
Probability t	0.8437	Durbin-Watson	1.7960

Estimated incremental annual growth rate: 0.018%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

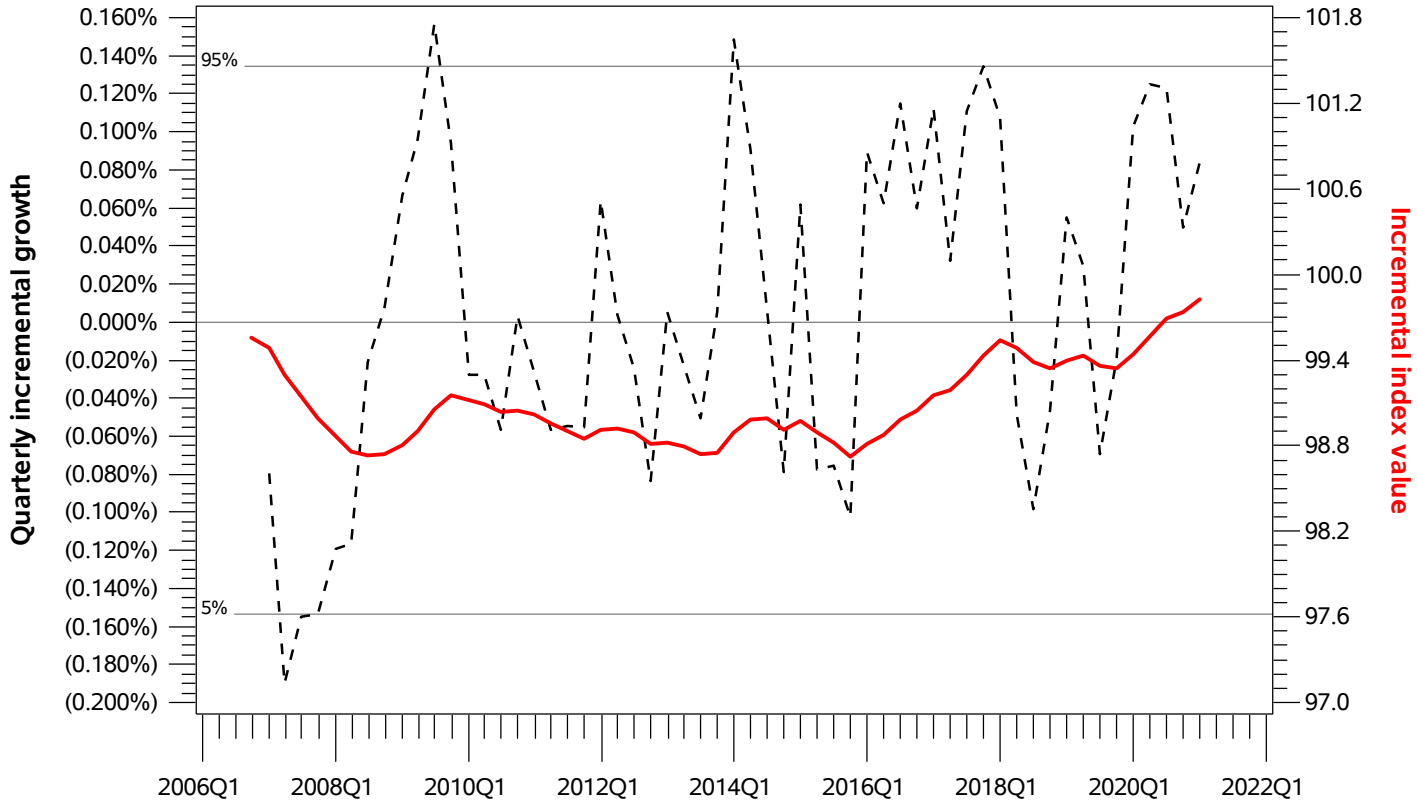


Table 145. ECI: W&S(PRIV) Union, service-providing industries incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000000510I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-13.7334	Z_{Tau}	-2.9297
Prob Z_{Rho}	0.0423	Prob Z_{Tau}	0.0481

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0514	AR(1) coefficient	-0.6970
Standard error	0.0517	Standard error	0.0967
t-statistic	0.9959	t-statistic	-7.2077
Probability t	0.3236	Durbin-Watson	2.3481

Estimated incremental annual growth rate: 0.206%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

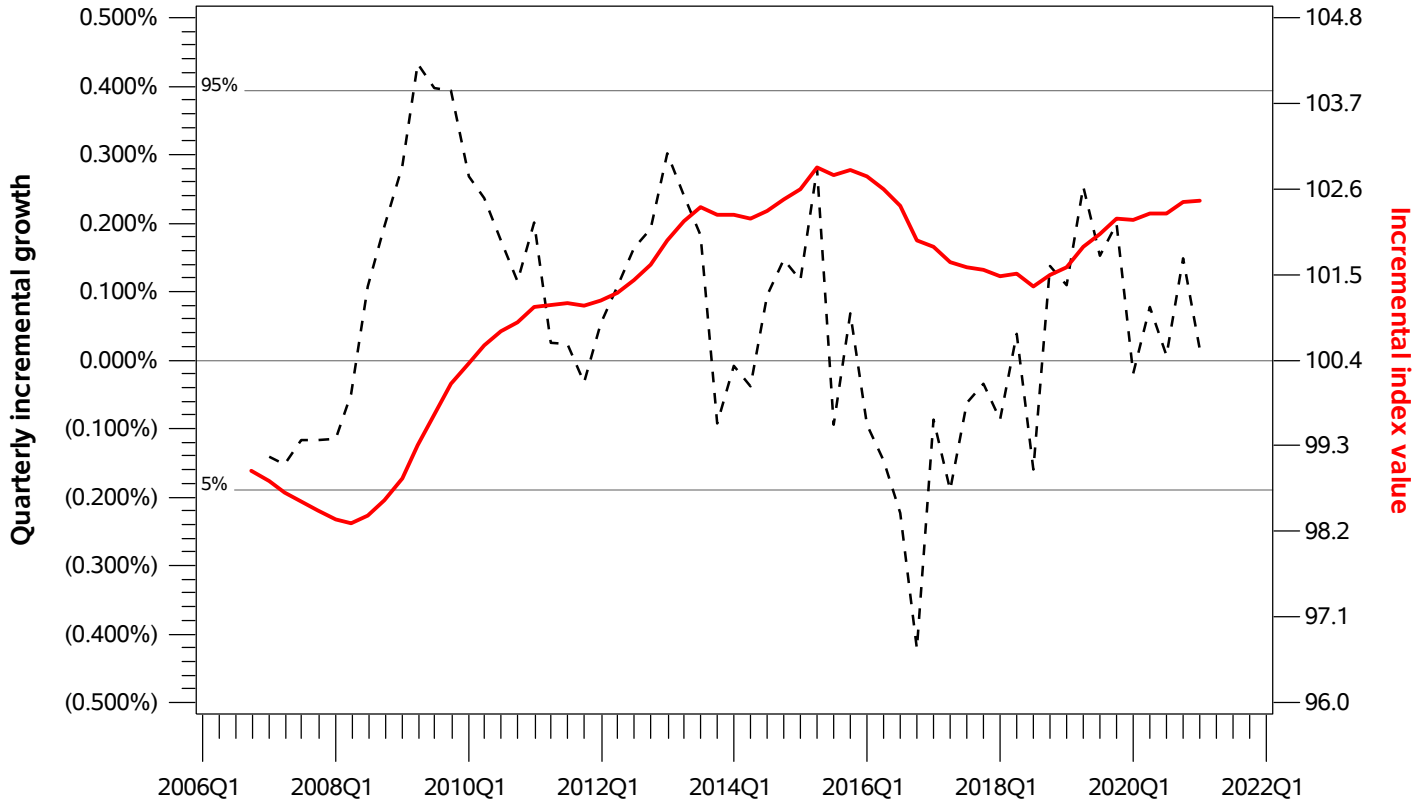


Table 146. ECI: W&S(PRIV) Nonunion, service-providing industries incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000000520I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-41.0602	Z_{Tau}	-5.9510
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0052	AR(1) coefficient	-0.2188
Standard error	0.0042	Standard error	0.1316
t-statistic	-1.2409	t-statistic	-1.6629
Probability t	0.2199	Durbin-Watson	2.1638

Estimated incremental annual growth rate: (0.021%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

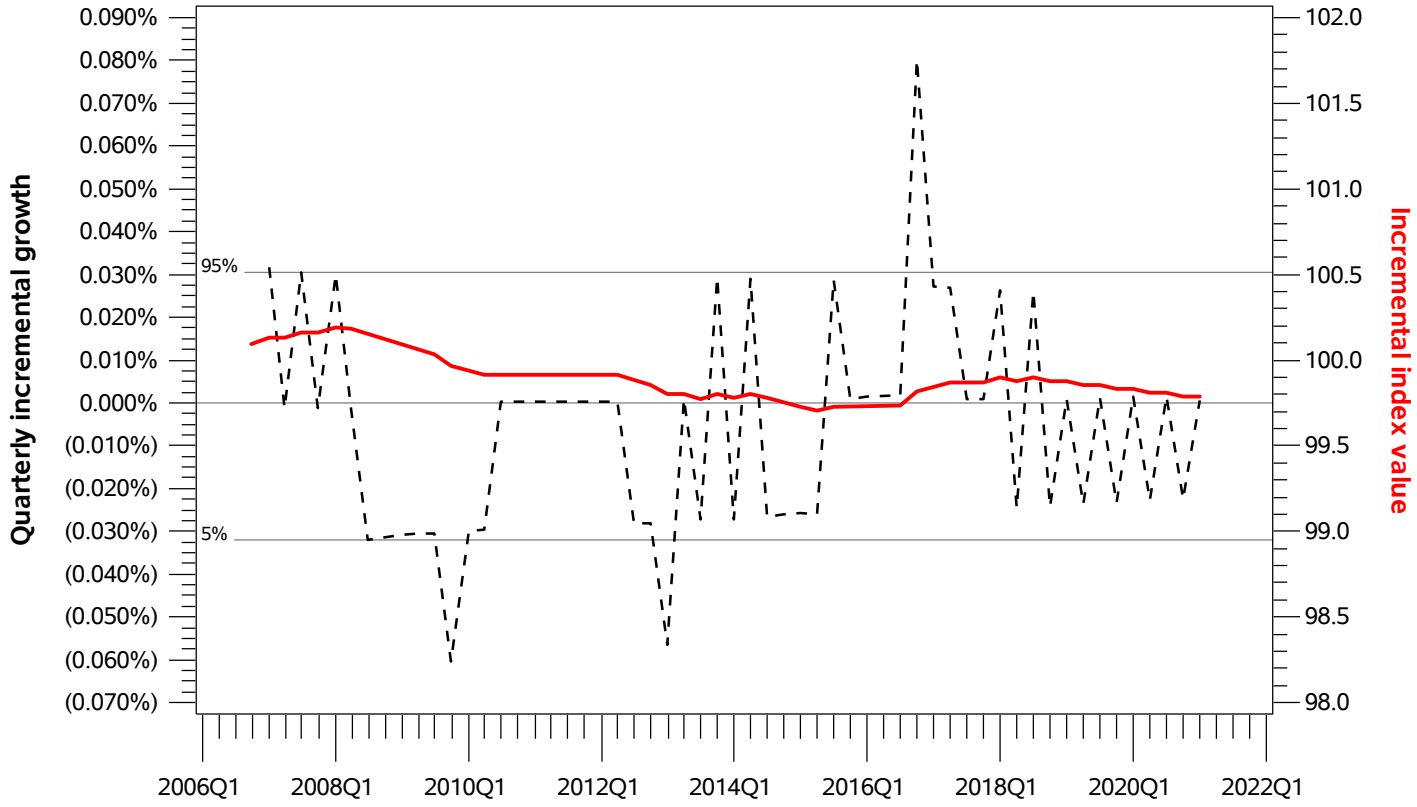


Table 147. ECI: W&S(PRIV) Service-providing, excluding incentive paid occupations incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000000710I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.9556	Z_{Tau}	-3.7043
Prob Z_{Rho}	0.0026	Prob Z_{Tau}	0.0063

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0005	AR(1) coefficient	-0.5997
Standard error	0.0183	Standard error	0.1079
t-statistic	-0.0273	t-statistic	-5.5577
Probability t	0.9783	Durbin-Watson	1.9224

Estimated incremental annual growth rate: (0.002%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

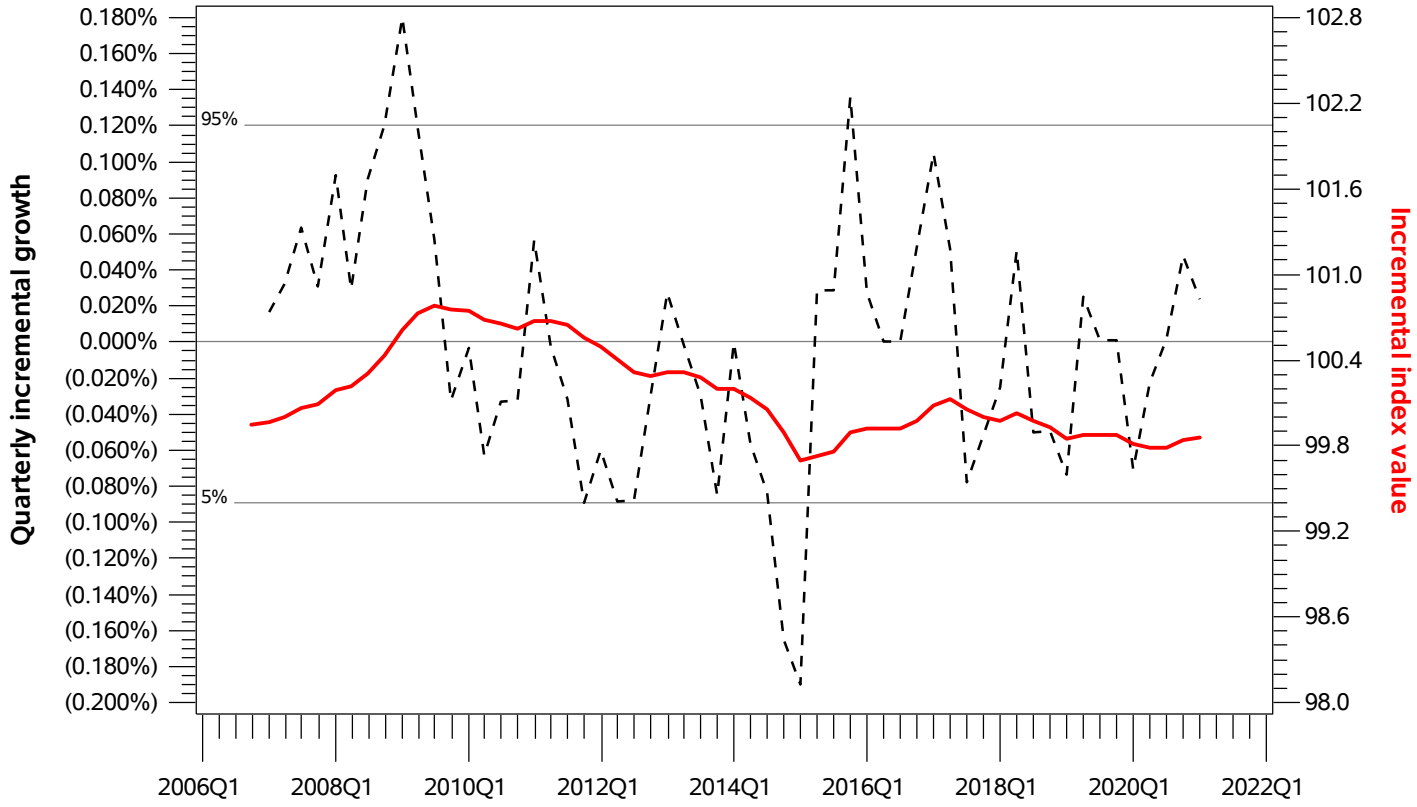


Table 148. ECI: W&S(PRIV) Service-providing; management, professional, and related occupations incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000100000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.5019	Z_{Tau}	-3.6979
Prob Z_{Rho}	0.0030	Prob Z_{Tau}	0.0065

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0333	AR(1) coefficient	-0.6003
Standard error	0.0267	Standard error	0.1078
t-statistic	-1.2476	t-statistic	-5.5664
Probability t	0.2175	Durbin-Watson	1.9396

Estimated incremental annual growth rate: (0.133%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

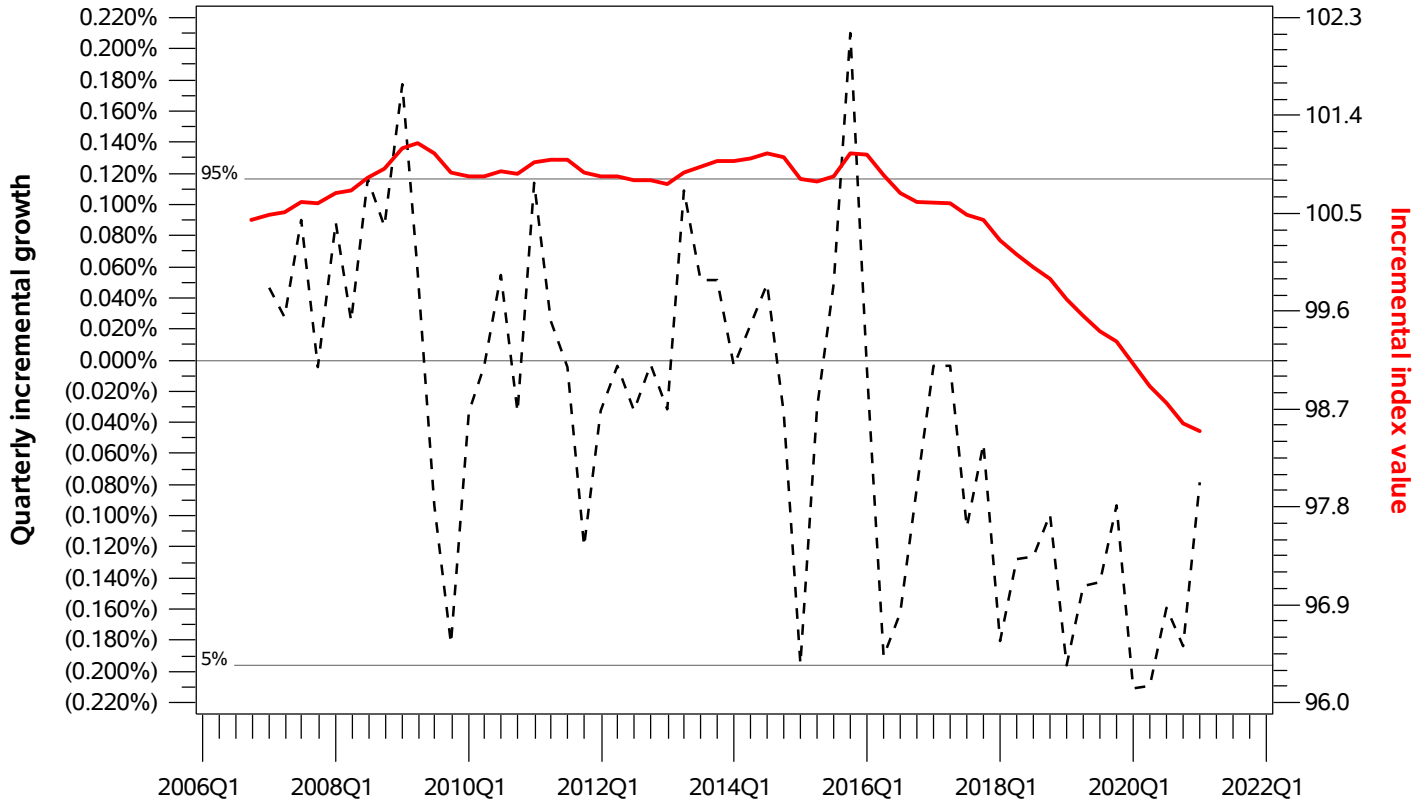


Table 149. ECI: W&S(PRIV) Service-providing, sales and office occupations incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000200000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-35.2449	Z_{Tau}	-5.0801
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0095	AR(1) coefficient	-0.3506
Standard error	0.0276	Standard error	0.1263
t-statistic	0.3455	t-statistic	-2.7765
Probability t	0.7310	Durbin-Watson	2.0718

Estimated incremental annual growth rate: 0.038%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

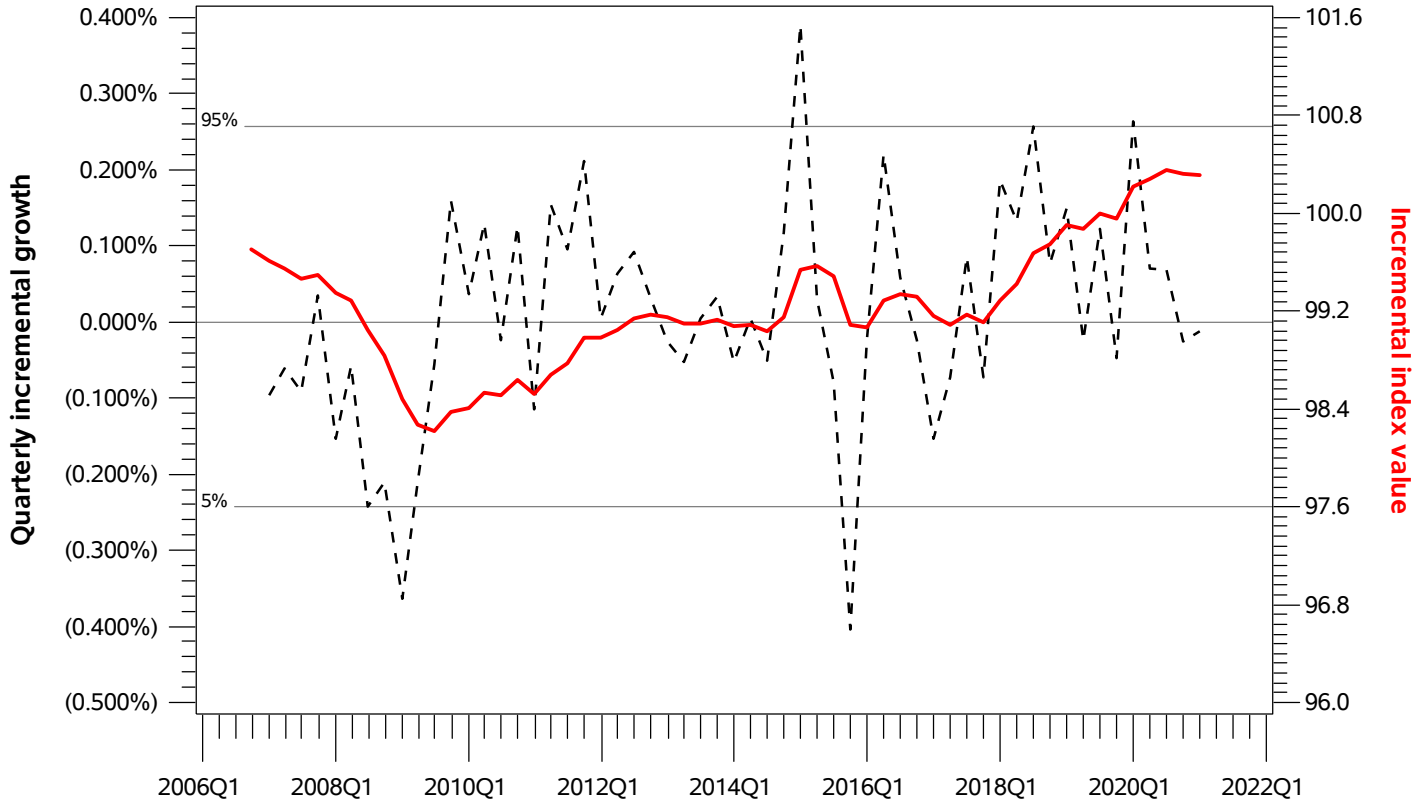


Table 150. ECI: W&S(PRIV) Service-providing, service occupations incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000300000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-13.0950	Z_{Tau}	-2.7283
Prob Z_{Rho}	0.0506	Prob Z_{Tau}	0.0754

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0732	AR(1) coefficient	-0.7518
Standard error	0.0590	Standard error	0.0889
t-statistic	1.2413	t-statistic	-8.4561
Probability t	0.2198	Durbin-Watson	2.0407

Estimated incremental annual growth rate: 0.293%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

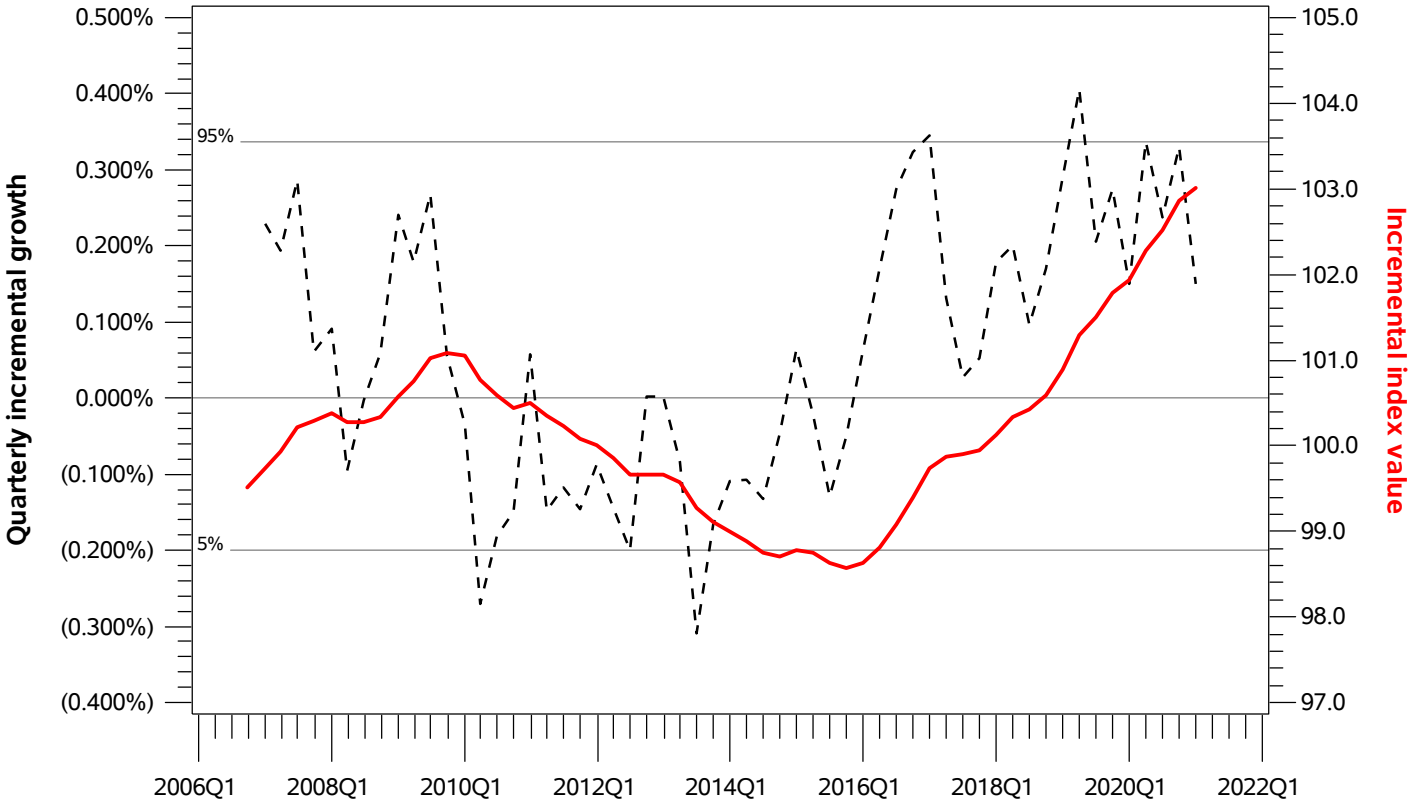


Table 151. ECI: W&S(PRIV) Service-providing; natural resources, construction, and maintenance incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000400000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-26.5760	Z_{Tau}	-4.1551
Prob Z_{Rho}	0.0008	Prob Z_{Tau}	0.0017

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0262	AR(1) coefficient	-0.5278
Standard error	0.0442	Standard error	0.1145
t-statistic	-0.5935	t-statistic	-4.6087
Probability t	0.5553	Durbin-Watson	1.8392

Estimated incremental annual growth rate: (0.105%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

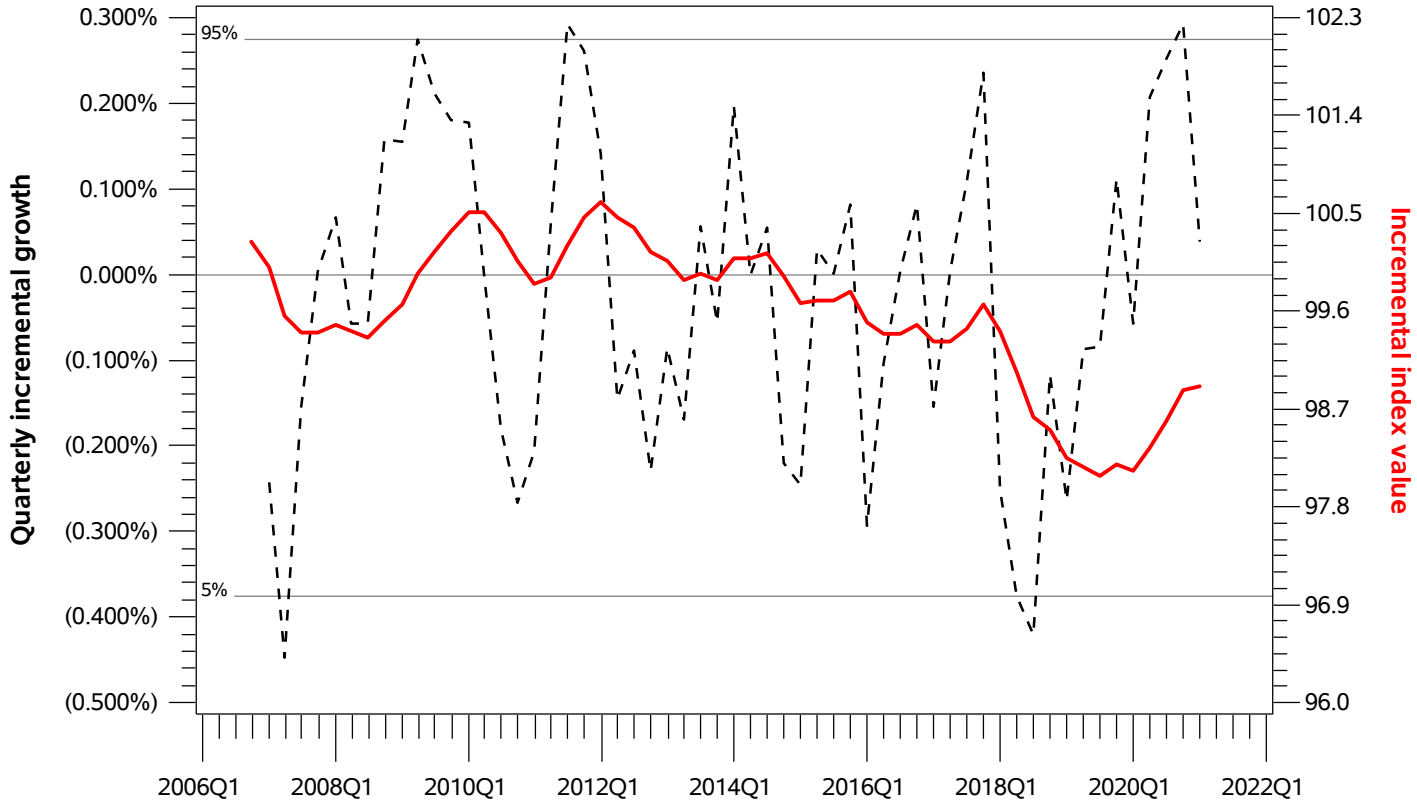


Table 152. ECI: W&S(PRIV) Service-providing; production, transportation, and material moving incremental growth over ECI: W&S(PRIV) Service-providing industries

LABSTAT series identifiers: CIU202S000500000I and CIU202S000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-19.0221	Z_{Tau}	-3.5231
Prob Z_{Rho}	0.0089	Prob Z_{Tau}	0.0106

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0925	AR(1) coefficient	-0.6253
Standard error	0.0406	Standard error	0.1052
t-statistic	2.2753	t-statistic	-5.9420
Probability t	0.0268	Durbin-Watson	2.0503

Estimated incremental annual growth rate: 0.370%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.370%

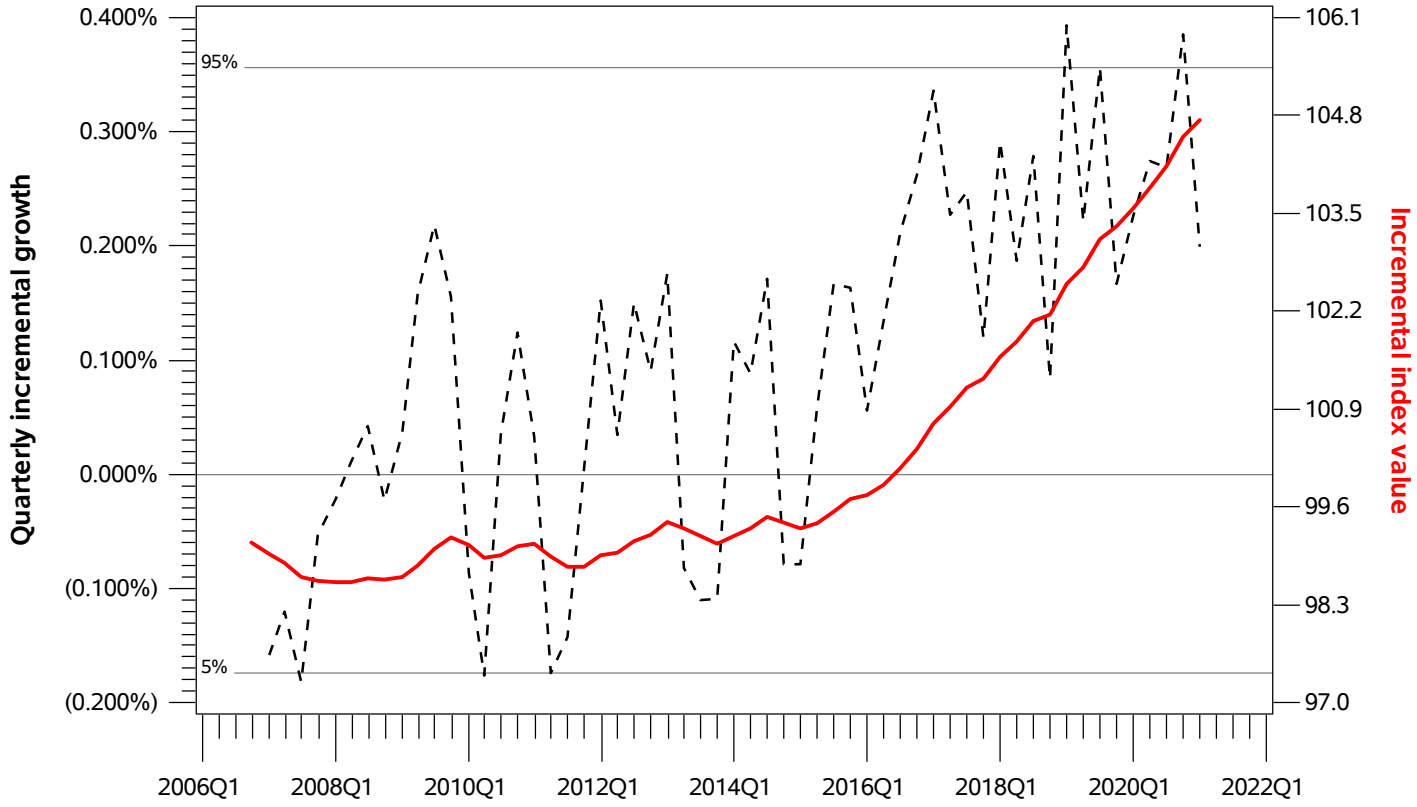


Table 153. ECI: BENE(PRIV) All union workers incremental growth over ECI: BENE(PRIV) All industries and occupations

LABSTAT series identifiers: CIU20300000000510I and CIU20300000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.8569	Z_{Tau}	-3.9767
Prob Z_{Rho}	0.0027	Prob Z_{Tau}	0.0028

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.1146	AR(1) coefficient	-0.5979
Standard error	0.0821	Standard error	0.1081
t-statistic	1.3958	t-statistic	-5.5317
Probability t	0.1684	Durbin-Watson	1.7855

Estimated incremental annual growth rate: 0.459%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

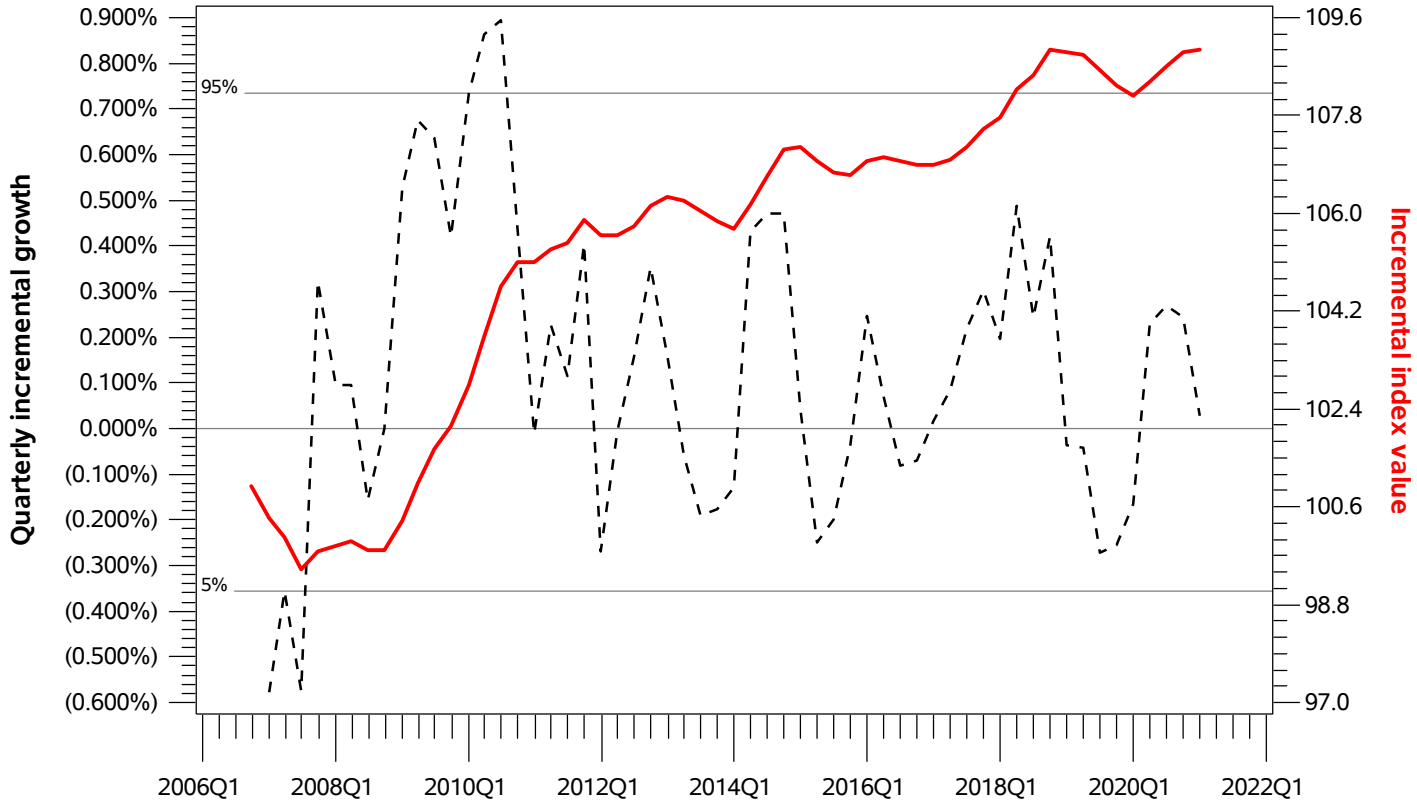


Table 154. ECI: BENE(PRIV) All nonunion workers incremental growth over ECI: BENE(PRIV) All industries and occupations

LABSTAT series identifiers: CIU20300000000520I and CIU20300000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.4698	Z_{Tau}	-4.1862
Prob Z_{Rho}	0.0022	Prob Z_{Tau}	0.0015

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0249	AR(1) coefficient	-0.5569
Standard error	0.0160	Standard error	0.1120
t-statistic	-1.5567	t-statistic	-4.9730
Probability t	0.1253	Durbin-Watson	1.9759

Estimated incremental annual growth rate: (0.100%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

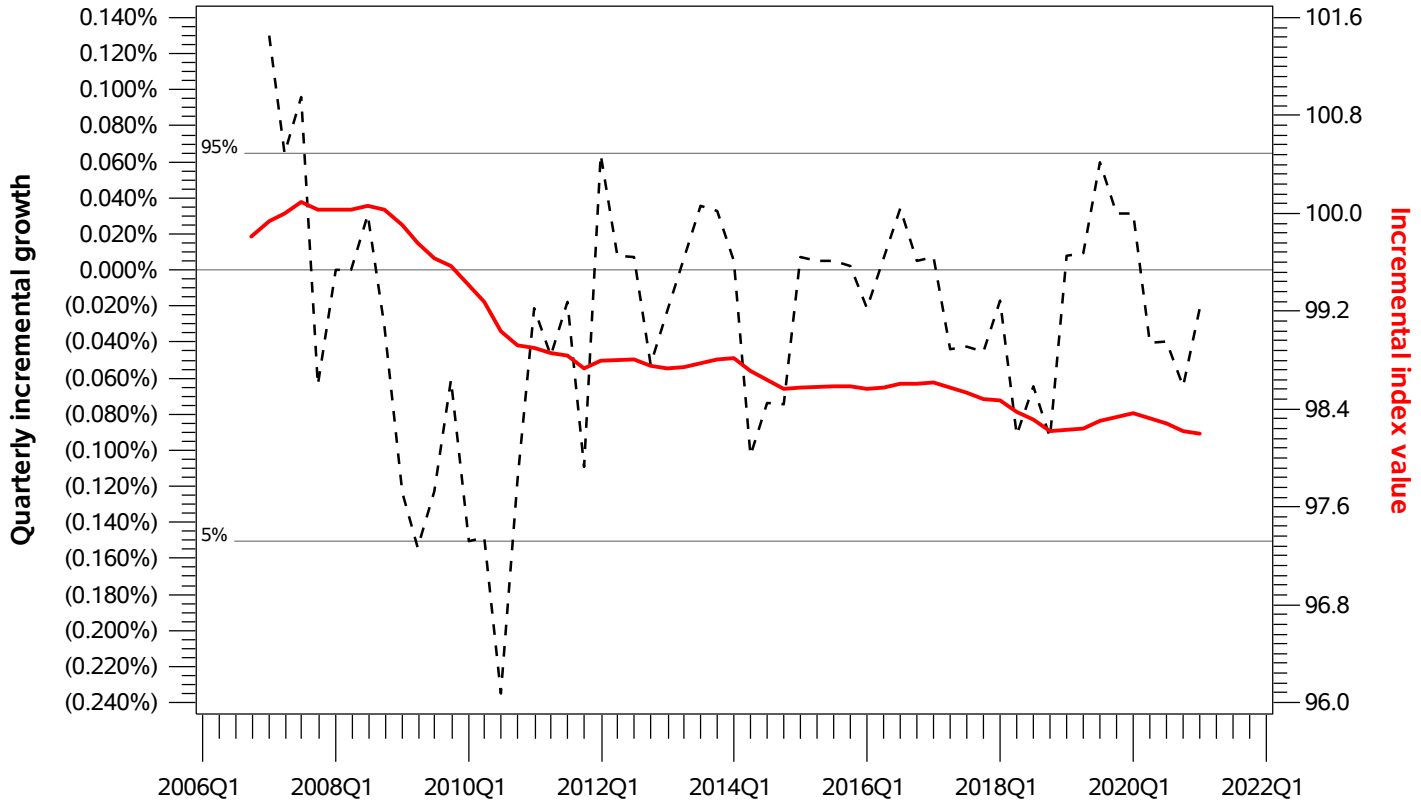


Table 155. ECI: BENE(PRIV) Management, professional, and related incremental growth over ECI: BENE(PRIV) All industries and occupations

LABSTAT series identifiers: CIU20300001000001 and CIU20300000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-21.2562	Z_{Tau}	-3.5693
Prob Z_{Rho}	0.0045	Prob Z_{Tau}	0.0093

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0230	AR(1) coefficient	-0.6508
Standard error	0.0292	Standard error	0.1024
t-statistic	-0.7866	t-statistic	-6.3568
Probability t	0.4349	Durbin-Watson	1.7045

Estimated incremental annual growth rate: (0.092%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

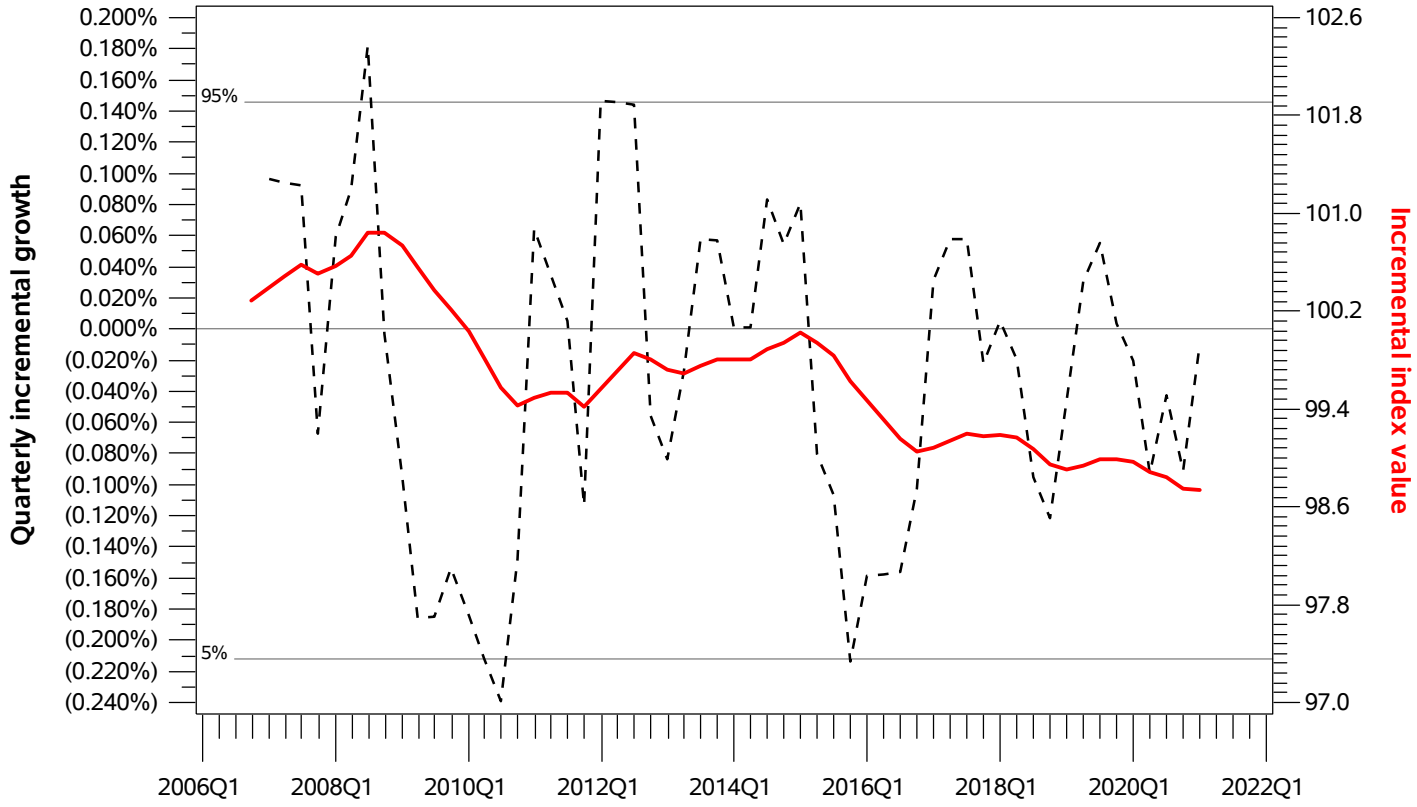


Table 156. ECI: BENE(PRIV) Sales and office incremental growth over ECI: BENE(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2030000200000I and CIU2030000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.4912	Z_{Tau}	-3.6583
Prob Z_{Rho}	0.0031	Prob Z_{Tau}	0.0072

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0304	AR(1) coefficient	-0.6476
Standard error	0.0323	Standard error	0.1027
t-statistic	0.9409	t-statistic	-6.3024
Probability t	0.3509	Durbin-Watson	1.5471

Estimated incremental annual growth rate: 0.122%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

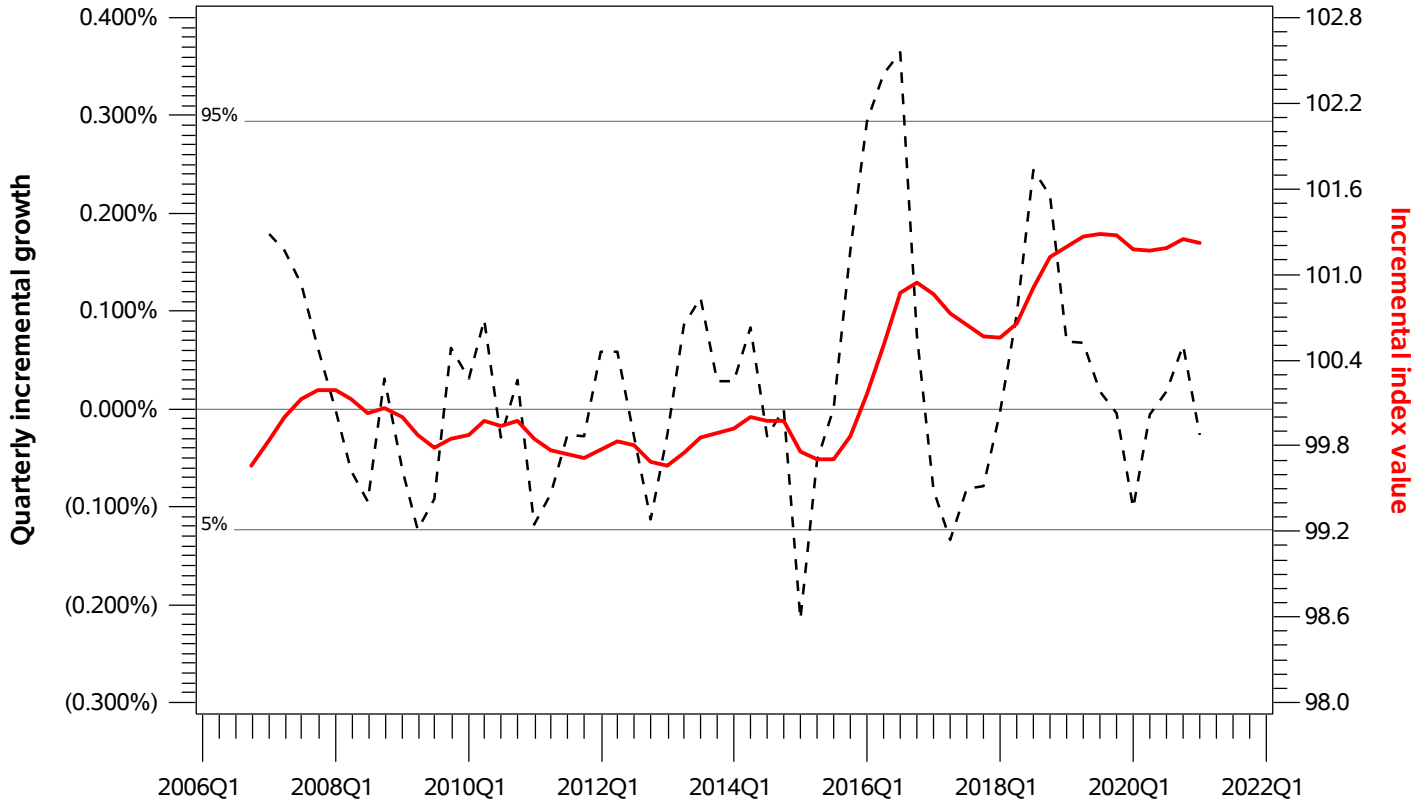


Table 157. ECI: BENE(PRIV) Service occupations incremental growth over ECI: BENE(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2030000300000I and CIU2030000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.1619	Z_{Tau}	-3.7247
Prob Z_{Rho}	0.0025	Prob Z_{Tau}	0.0060

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0070	AR(1) coefficient	-0.6220
Standard error	0.0444	Standard error	0.1056
t-statistic	-0.1574	t-statistic	-5.8915
Probability t	0.8755	Durbin-Watson	1.7249

Estimated incremental annual growth rate: (0.028%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

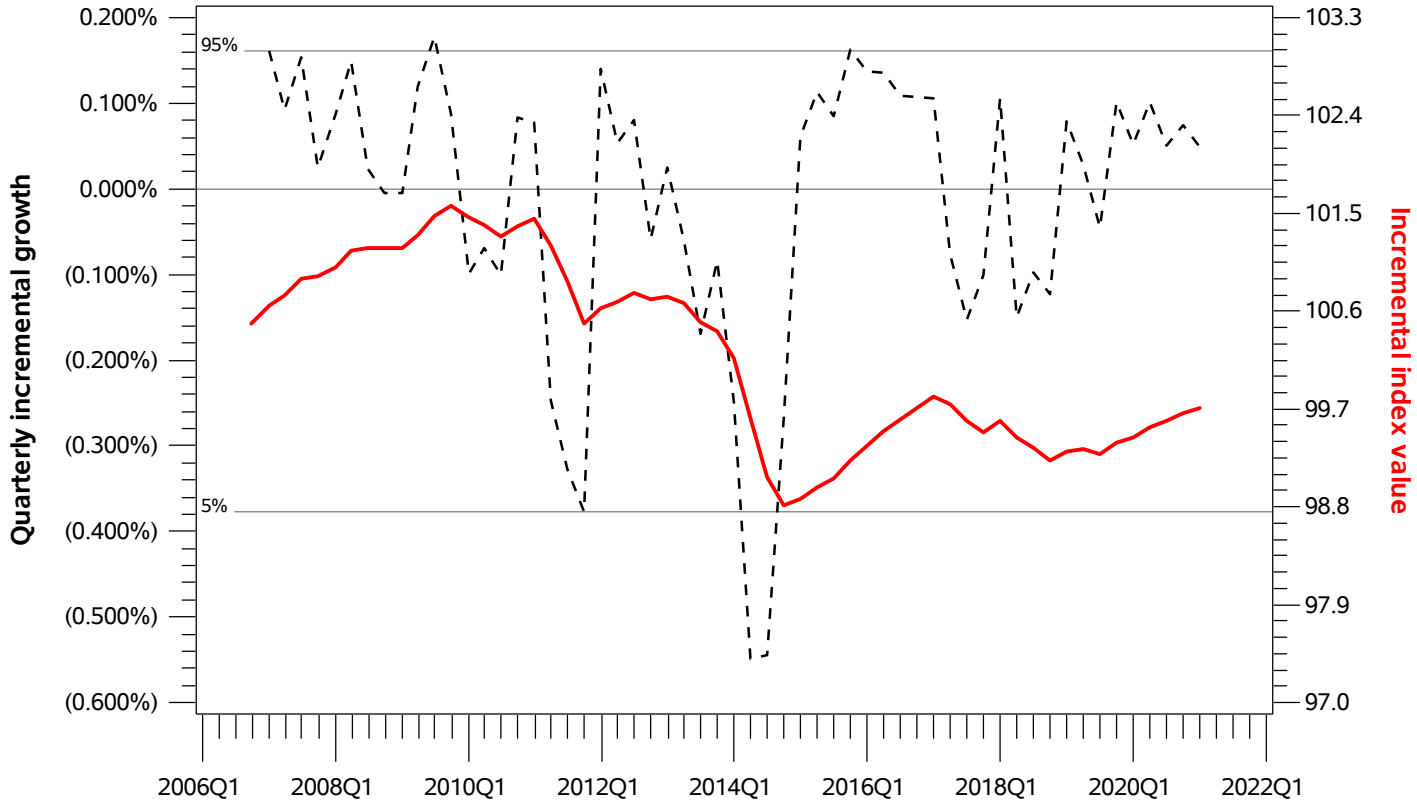


Table 158. ECI: BENE(PRIV) Natural resources, construction, and maintenance incremental growth over ECI: BENE(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2030000400000I and CIU2030000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.8820	Z_{Tau}	-3.9366
Prob Z_{Rho}	0.0020	Prob Z_{Tau}	0.0032

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0097	AR(1) coefficient	-0.5757
Standard error	0.0431	Standard error	0.1103
t-statistic	0.2253	t-statistic	-5.2210
Probability t	0.8226	Durbin-Watson	1.9081

Estimated incremental annual growth rate: 0.039%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

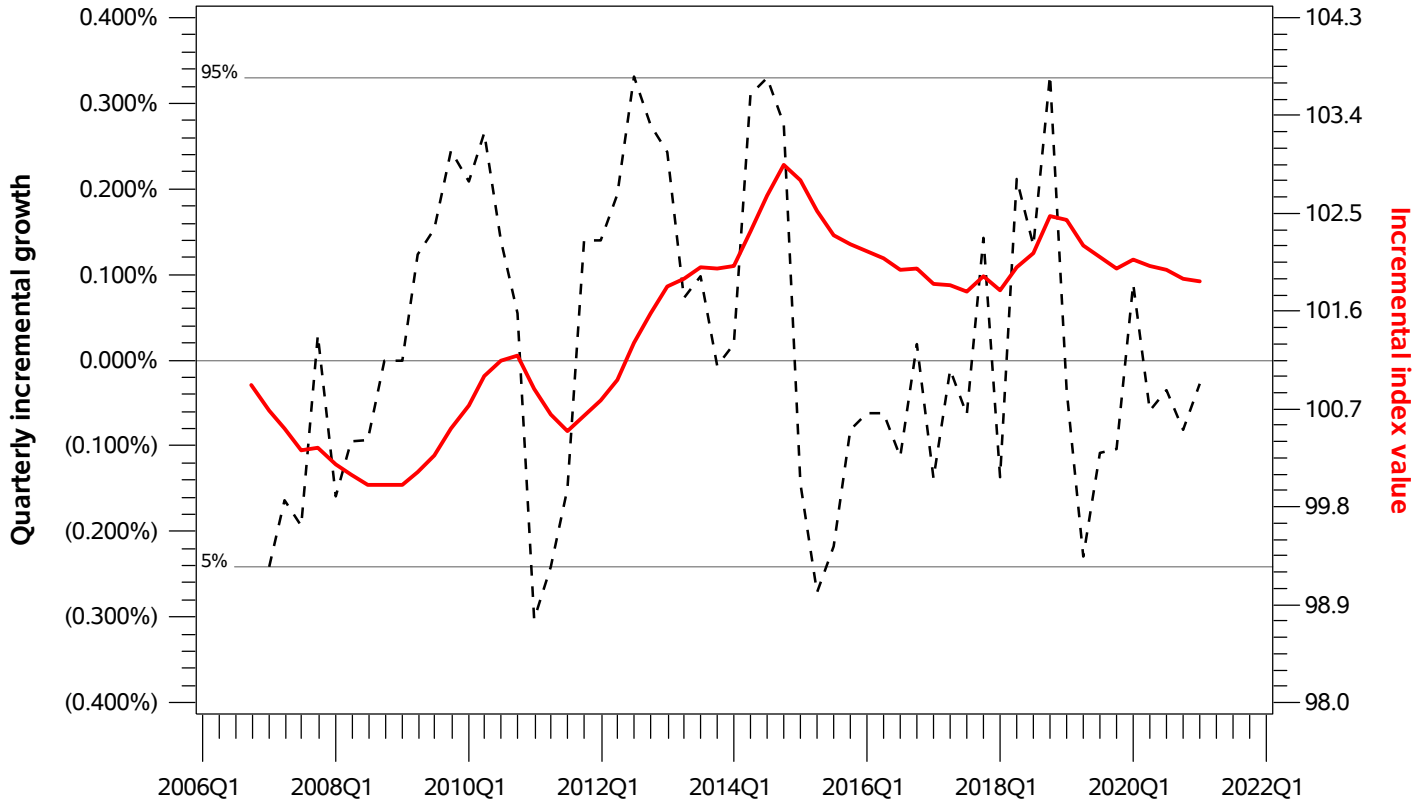


Table 159. ECI: BENE(PRIV) Production, transportation, and material moving incremental growth over ECI: BENE(PRIV) All industries and occupations

LABSTAT series identifiers: CIU2030000500000I and CIU2030000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.6835	Z_{Tau}	-3.8934
Prob Z_{Rho}	0.0021	Prob Z_{Tau}	0.0036

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0247	AR(1) coefficient	-0.5926
Standard error	0.0597	Standard error	0.1086
t-statistic	0.4145	t-statistic	-5.4554
Probability t	0.6801	Durbin-Watson	1.7843

Estimated incremental annual growth rate: 0.099%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

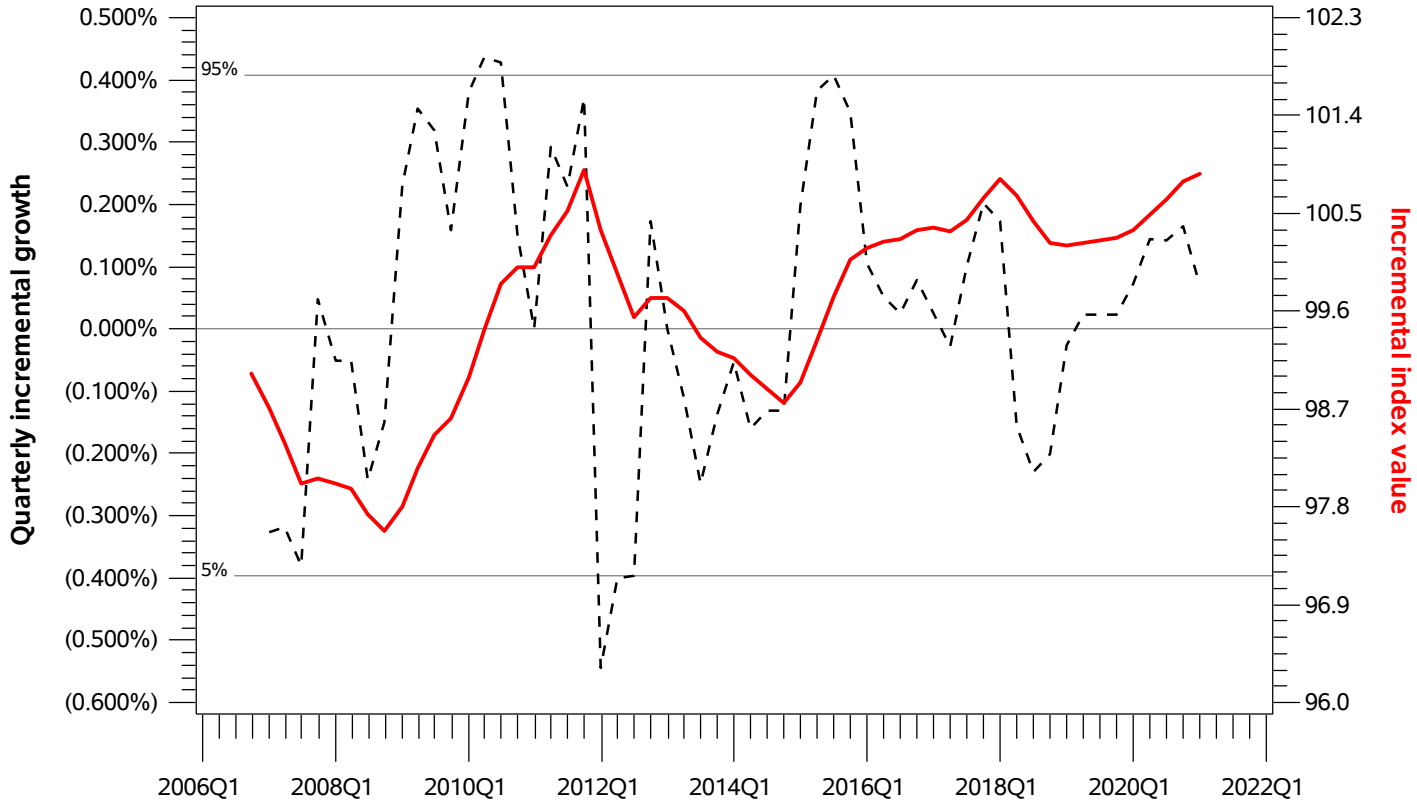


Table 160. ECI: BENE(PRIV) Aircraft manufacturing incremental growth over ECI: BENE(PRIV) Manufacturing

LABSTAT series identifiers: CIU2033211000000I and CIU2033000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-22.9944	Z_{Tau}	-3.6308
Prob Z_{Rho}	0.0026	Prob Z_{Tau}	0.0078

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.3212	AR(1) coefficient	-0.6810
Standard error	1.0083	Standard error	0.0987
t-statistic	-0.3185	t-statistic	-6.8974
Probability t	0.7513	Durbin-Watson	1.2302

Estimated incremental annual growth rate: (1.279%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

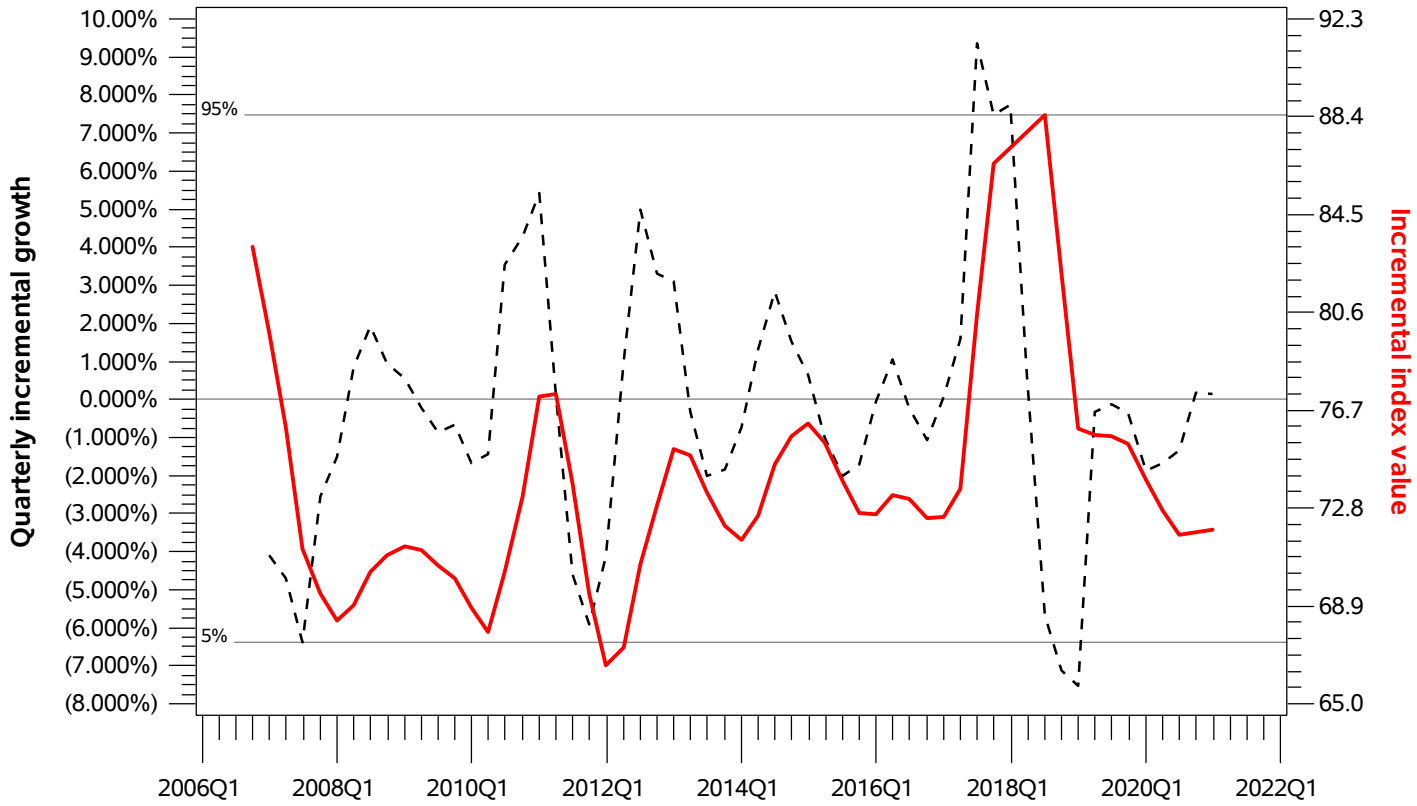


Table 161. ECI: COMP(S&L) Management, professional, and related incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30100001000001 and CIU30100000000001

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.8837	Z_{Tau}	-4.4938
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0006

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0209	AR(1) coefficient	-0.4707
Standard error	0.0078	Standard error	0.1190
t-statistic	-2.6885	t-statistic	-3.9565
Probability t	0.0095	Durbin-Watson	1.8012

Estimated incremental annual growth rate: (0.084%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.084%)

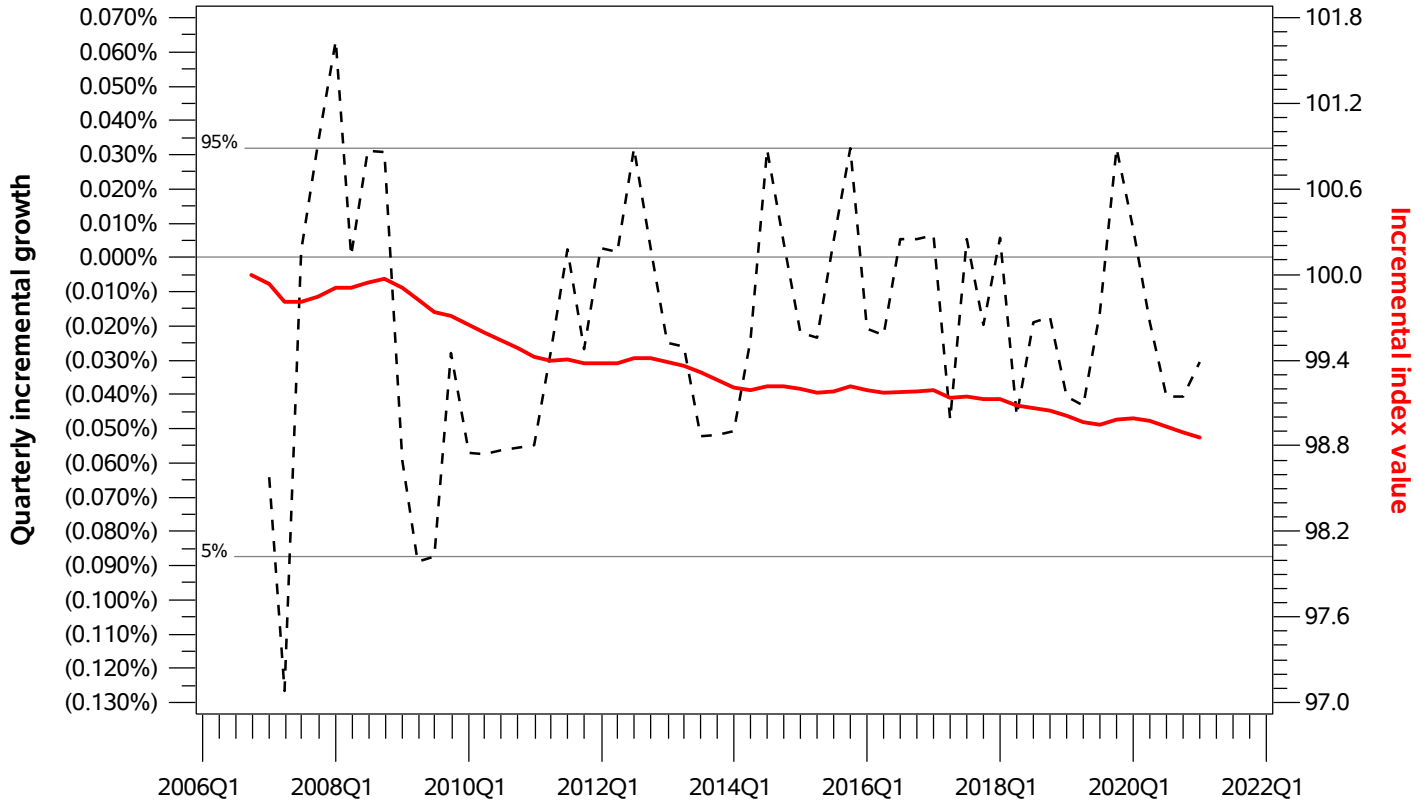


Table 162. ECI: COMP(S&L) Professional and related incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30100001200001 and CIU30100000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-33.1794	Z_{Tau}	-5.1276
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0230	AR(1) coefficient	-0.3849
Standard error	0.0079	Standard error	0.1245
t-statistic	-2.8985	t-statistic	-3.0926
Probability t	0.0054	Durbin-Watson	1.6737

Estimated incremental annual growth rate: (0.092%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.092%)

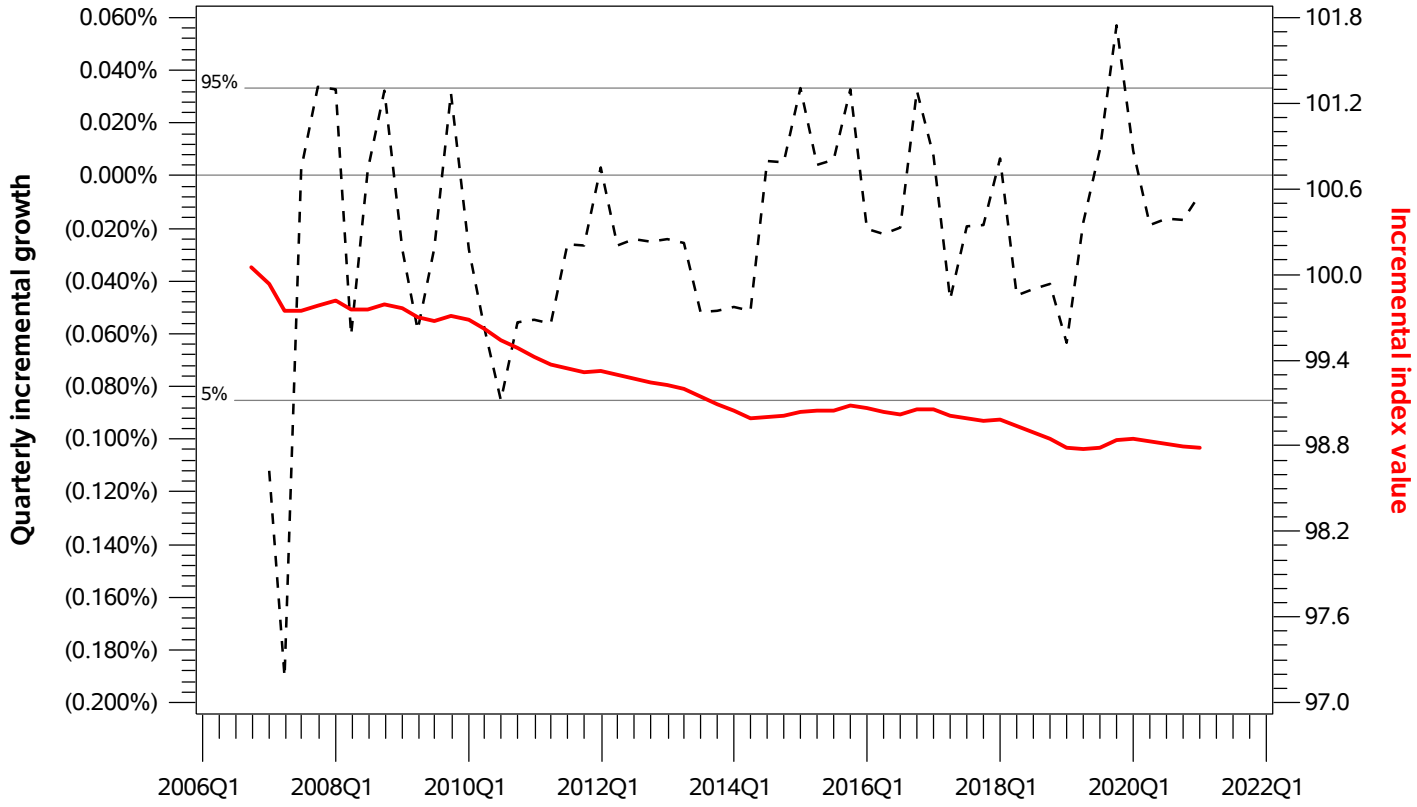


Table 163. ECI: COMP(S&L) Sales and office incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30100002000001 and CIU30100000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-24.4495	Z_{Tau}	-3.8685
Prob Z_{Rho}	0.0016	Prob Z_{Tau}	0.0039

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0378	AR(1) coefficient	-0.6092
Standard error	0.0220	Standard error	0.1069
t-statistic	1.7221	t-statistic	-5.6977
Probability t	0.0907	Durbin-Watson	1.6338

Estimated incremental annual growth rate: 0.151%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.151%

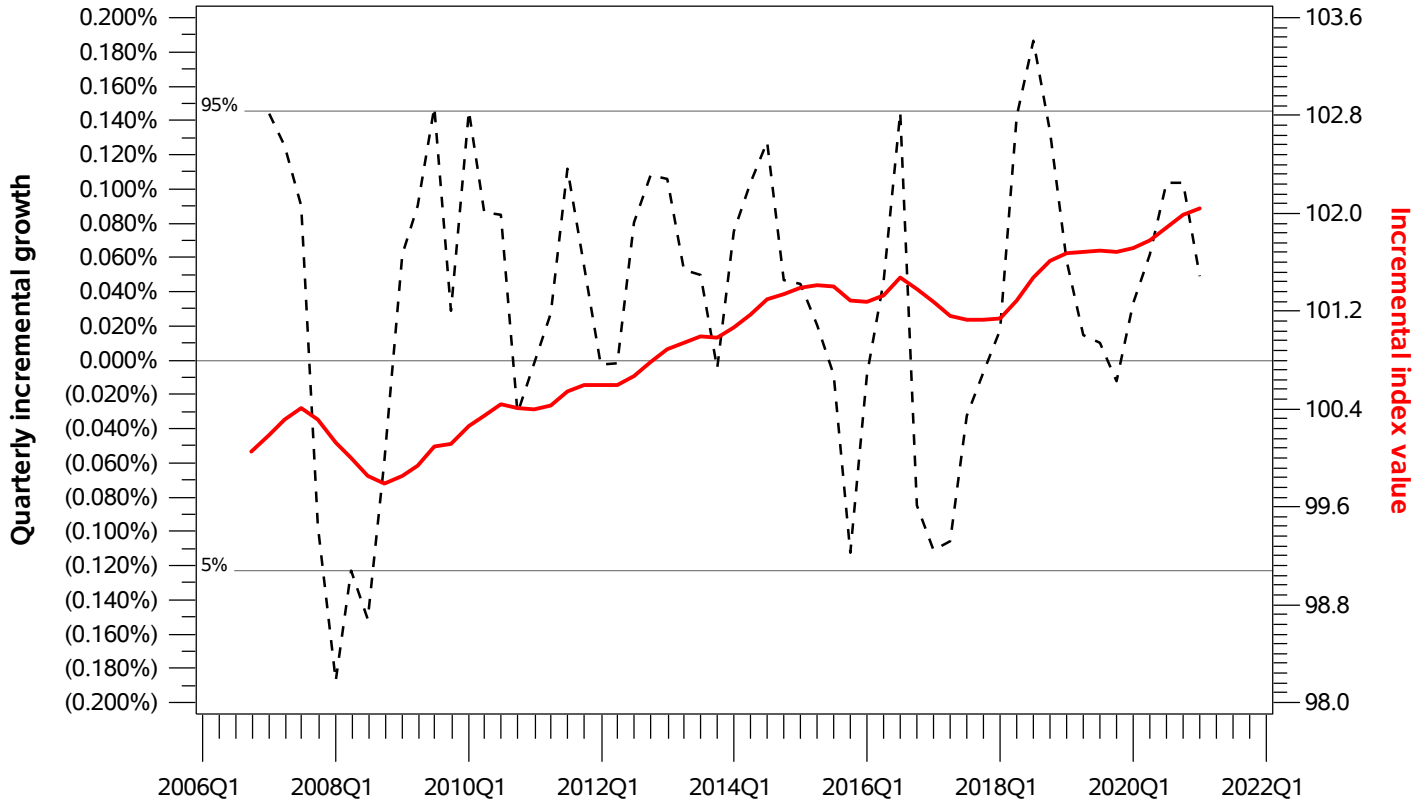


Table 164. ECI: COMP(S&L) Office and administrative support incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30100002200001 and CIU30100000000001

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-27.8431	Z_{Tau}	-4.2077
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0014

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0354	AR(1) coefficient	-0.5381
Standard error	0.0186	Standard error	0.1137
t-statistic	1.9024	t-statistic	-4.7342
Probability t	0.0624	Durbin-Watson	1.7298

Estimated incremental annual growth rate: 0.142%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.142%

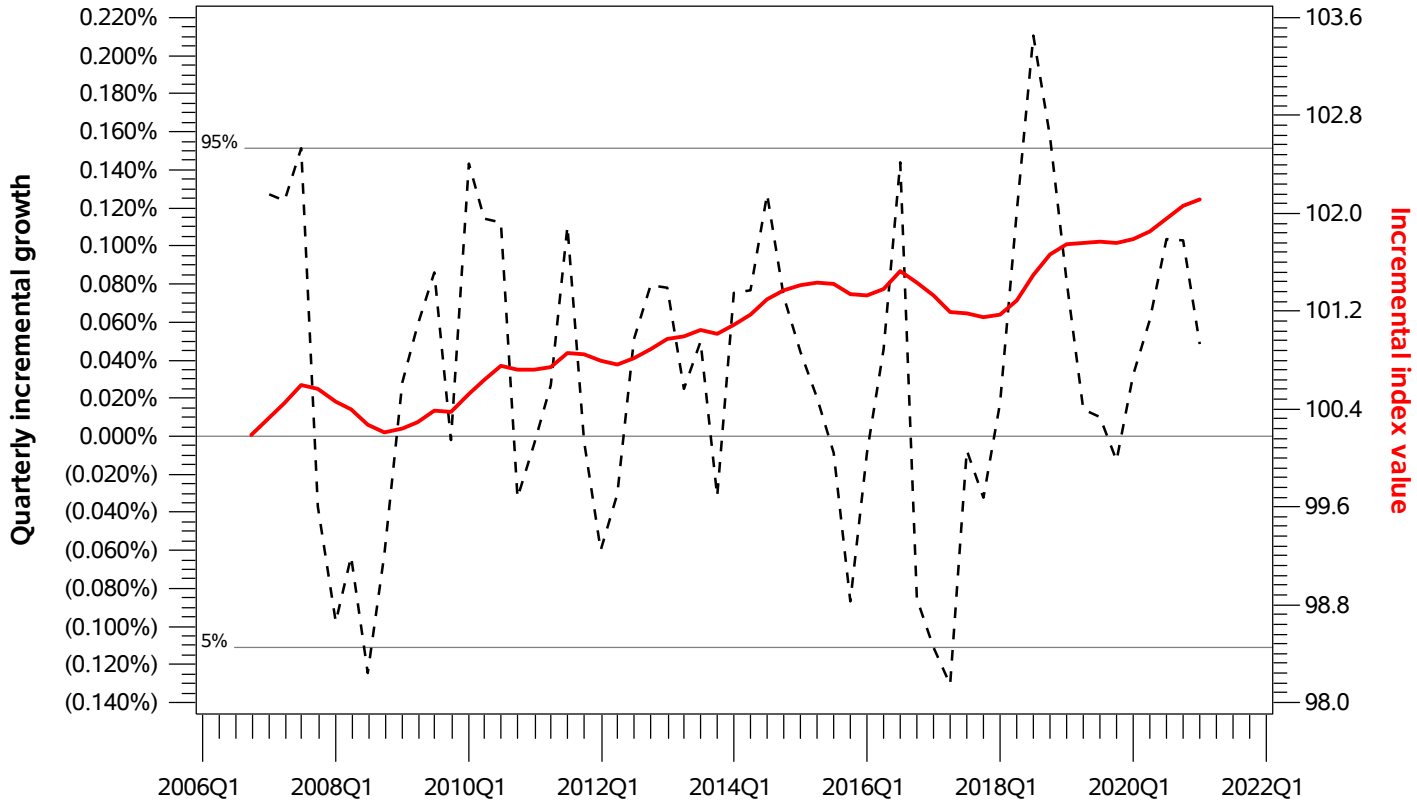


Table 165. ECI: COMP(S&L) Service occupations incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30100003000001 and CIU30100000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-38.9765	Z_{Tau}	-5.3047
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0456	AR(1) coefficient	-0.3100
Standard error	0.0113	Standard error	0.1282
t-statistic	4.0486	t-statistic	-2.4178
Probability t	0.0002	Durbin-Watson	1.9362

Estimated incremental annual growth rate: 0.183%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.183%

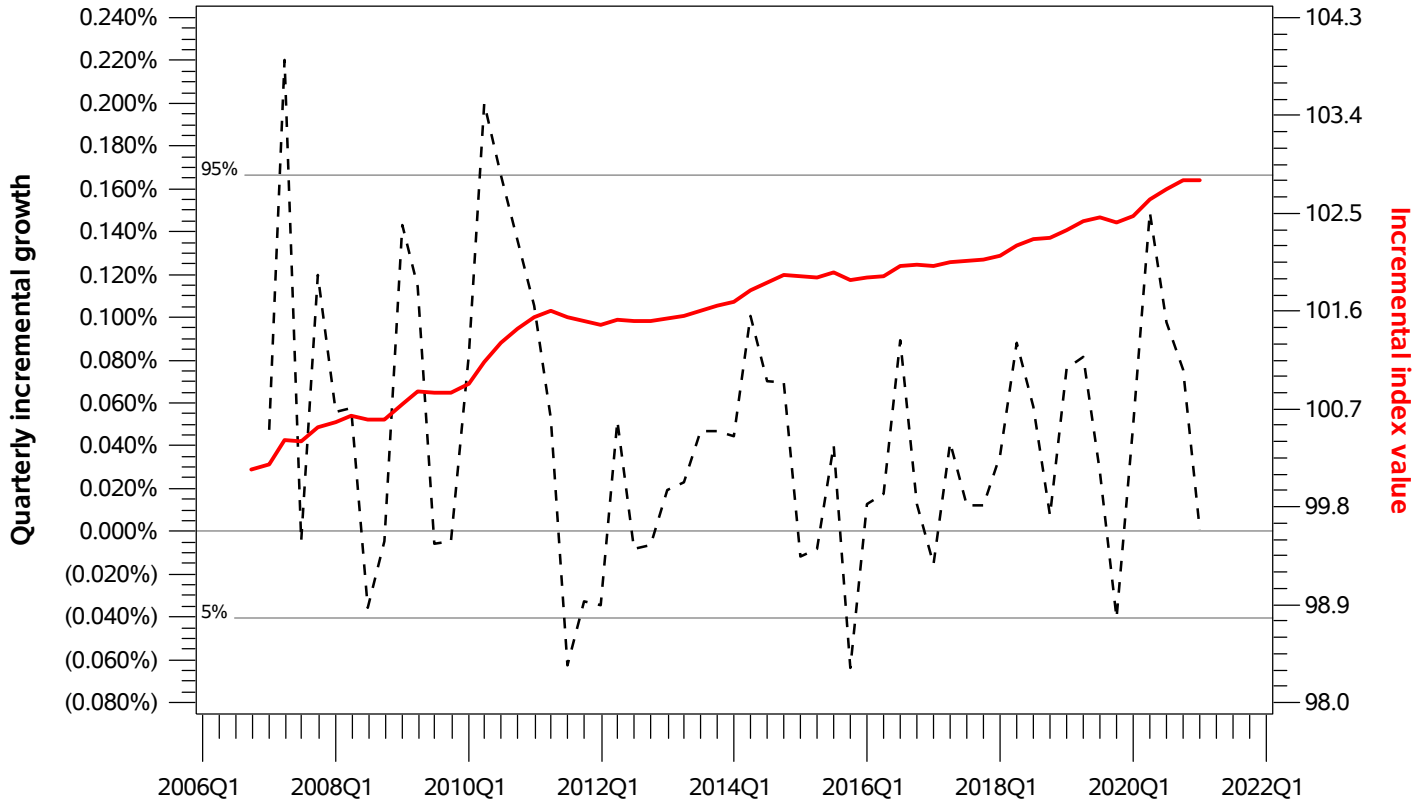


Table 166. ECI: COMP(S&L) Education and health services incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30160000000000I and CIU30100000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.6852	Z_{Tau}	-5.0635
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0267	AR(1) coefficient	-0.4415
Standard error	0.0127	Standard error	0.1210
t-statistic	-2.0984	t-statistic	-3.6490
Probability t	0.0405	Durbin-Watson	1.4219

Estimated incremental annual growth rate: (0.107%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.107%)

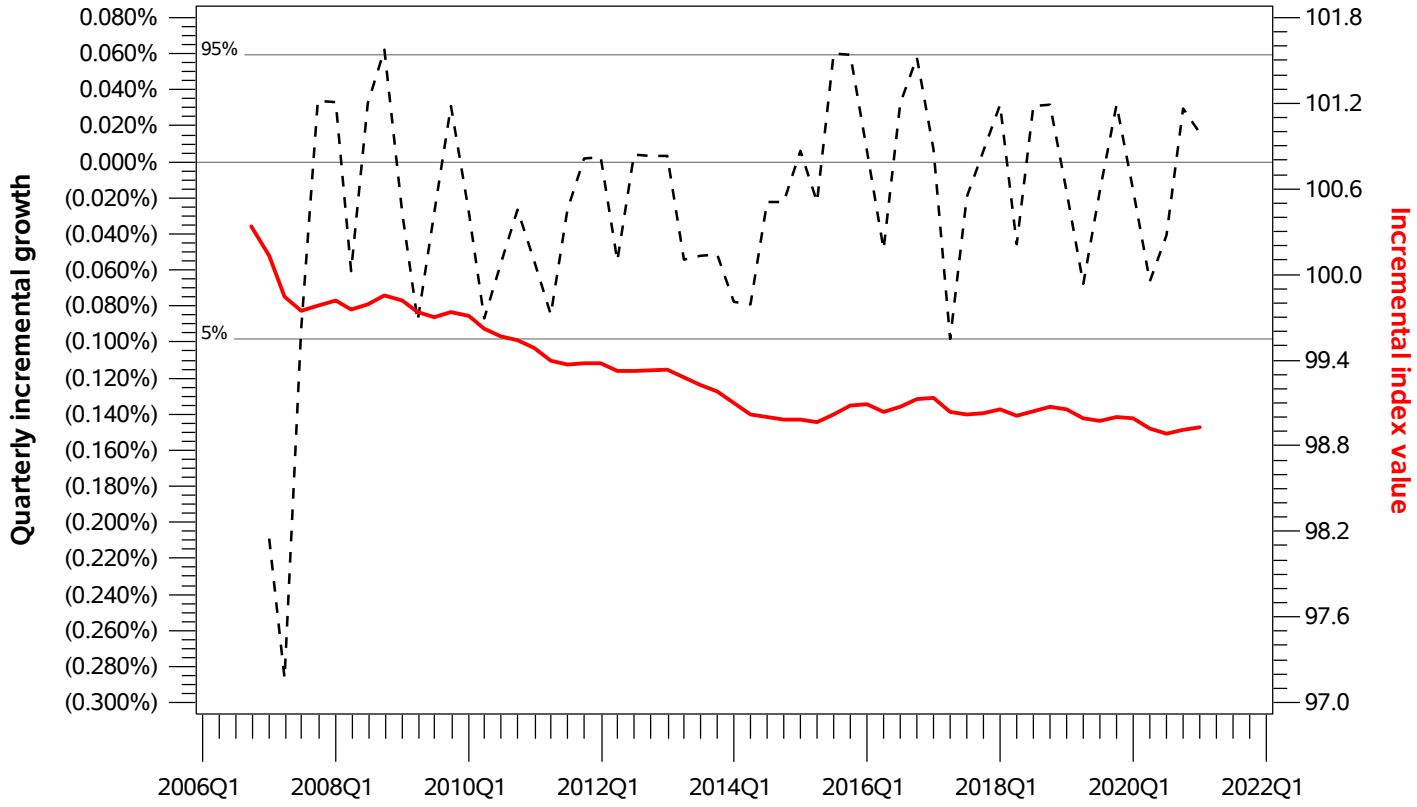


Table 167. ECI: COMP(S&L) Education services incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30161000000000I and CIU30100000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-34.2060	Z_{Tau}	-5.3855
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0276	AR(1) coefficient	-0.3527
Standard error	0.0135	Standard error	0.1262
t-statistic	-2.0476	t-statistic	-2.7949
Probability t	0.0454	Durbin-Watson	1.6696

Estimated incremental annual growth rate: (0.110%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.110%)

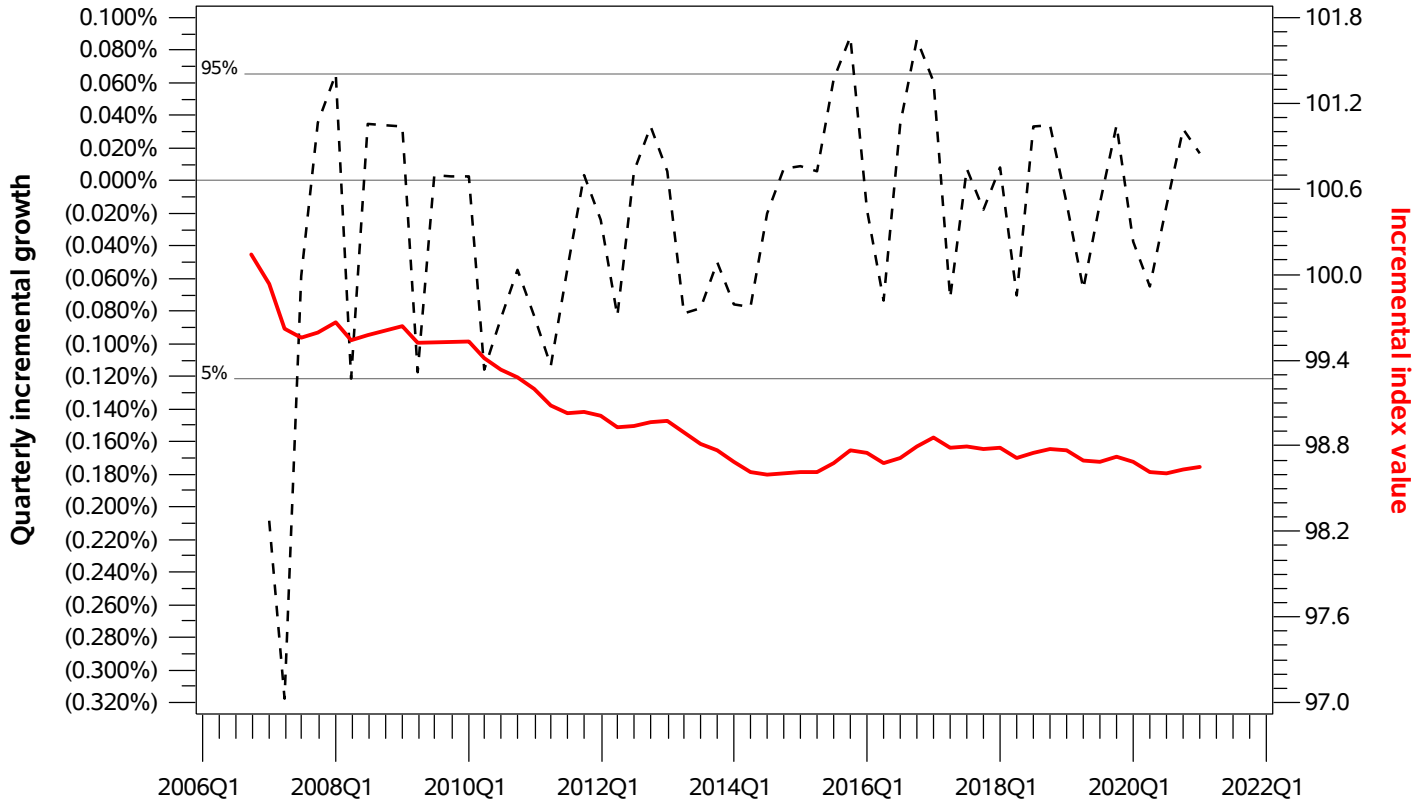


Table 168. ECI: COMP(S&L) Schools incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30161050000000I and CIU30100000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-34.4160	Z_{Tau}	-5.4424
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0280	AR(1) coefficient	-0.3318
Standard error	0.0136	Standard error	0.1272
t-statistic	-2.0551	t-statistic	-2.6082
Probability t	0.0446	Durbin-Watson	1.7240

Estimated incremental annual growth rate: (0.112%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.112%)

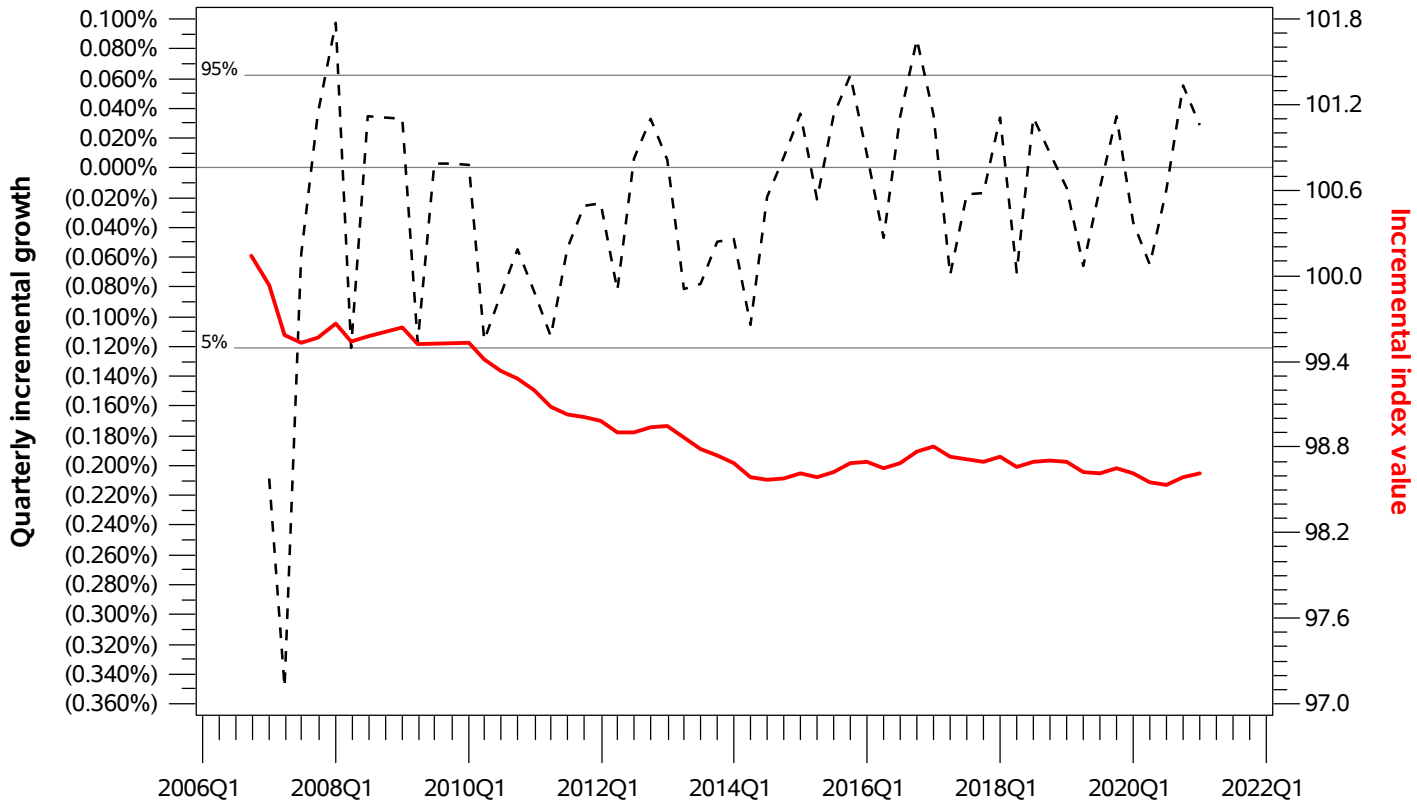


Table 169. ECI: COMP(S&L) Elementary and secondary schools incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU3016110000000I and CIU3010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.7000	Z_{Tau}	-4.7043
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0233	AR(1) coefficient	-0.4206
Standard error	0.0188	Standard error	0.1223
t-statistic	-1.2359	t-statistic	-3.4383
Probability t	0.2218	Durbin-Watson	1.7124

Estimated incremental annual growth rate: (0.093%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

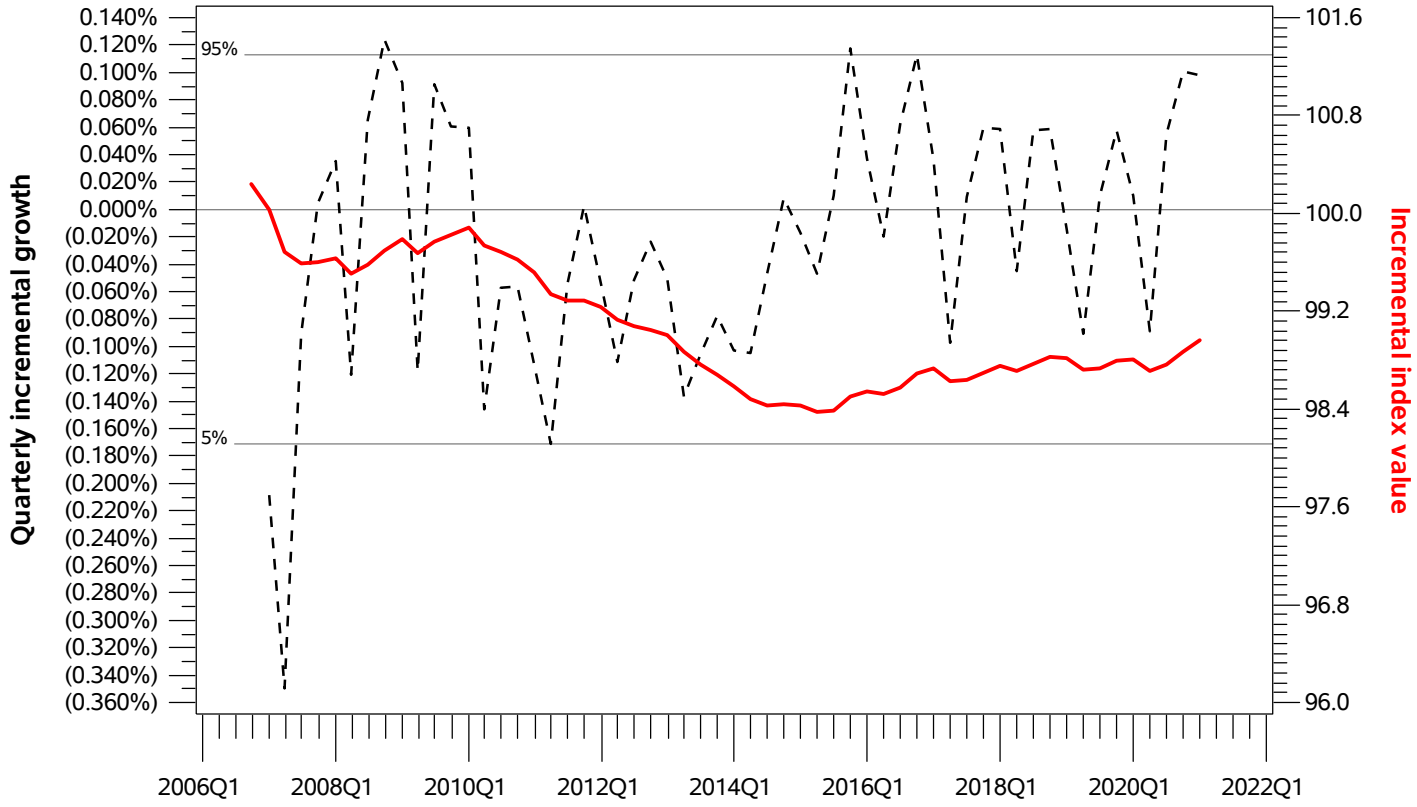


Table 170. ECI: COMP(S&L) Health care and social assistance incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30162000000000I and CIU30100000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-36.1143	Z_{Tau}	-4.9498
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0100	AR(1) coefficient	-0.3870
Standard error	0.0268	Standard error	0.1243
t-statistic	-0.3746	t-statistic	-3.1123
Probability t	0.7094	Durbin-Watson	1.8270

Estimated incremental annual growth rate: (0.040%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

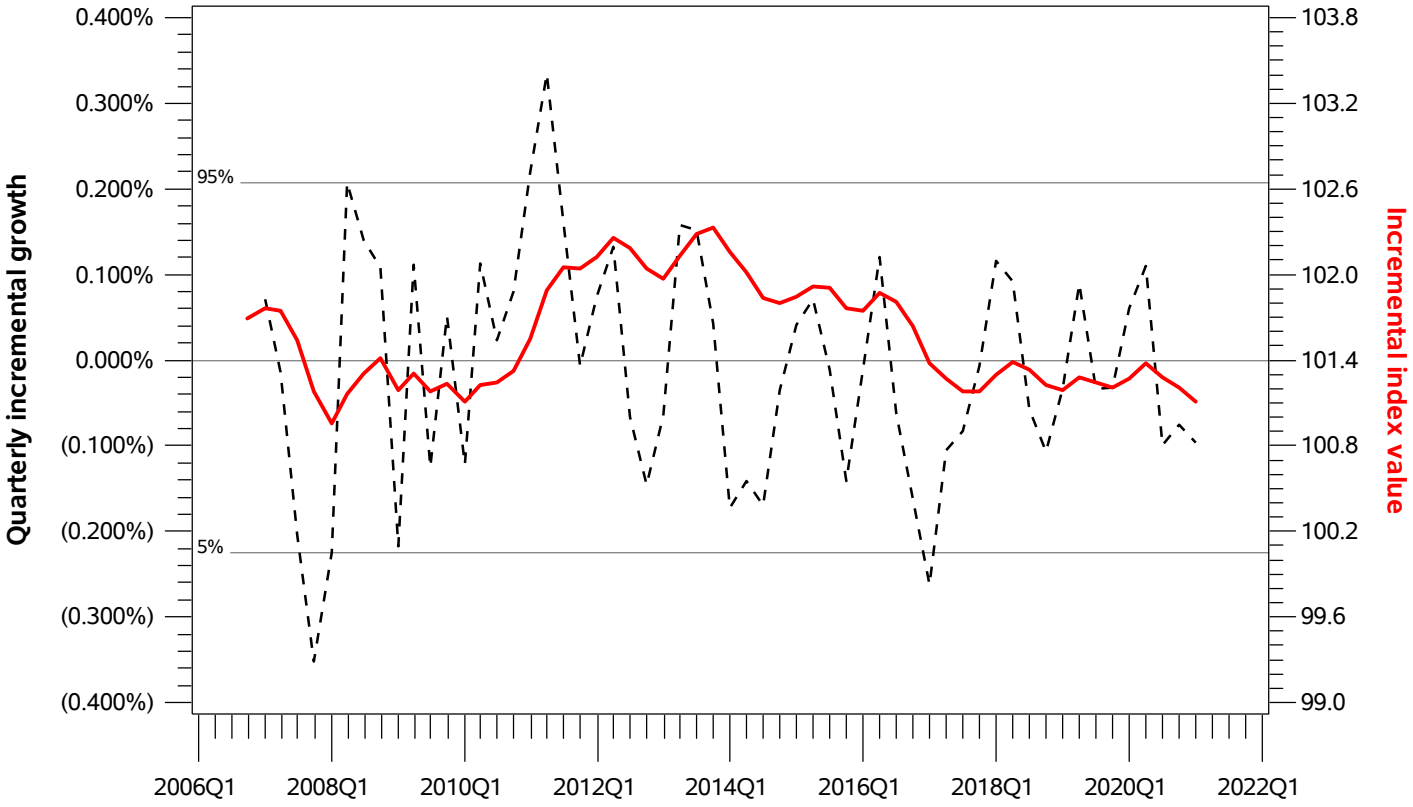


Table 171. ECI: COMP(S&L) Hospitals incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU3016220000000I and CIU3010000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-34.6645	Z_{Tau}	-4.8340
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0162	AR(1) coefficient	-0.4065
Standard error	0.0297	Standard error	0.1232
t-statistic	-0.5454	t-statistic	-3.3000
Probability t	0.5877	Durbin-Watson	1.7970

Estimated incremental annual growth rate: (0.065%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

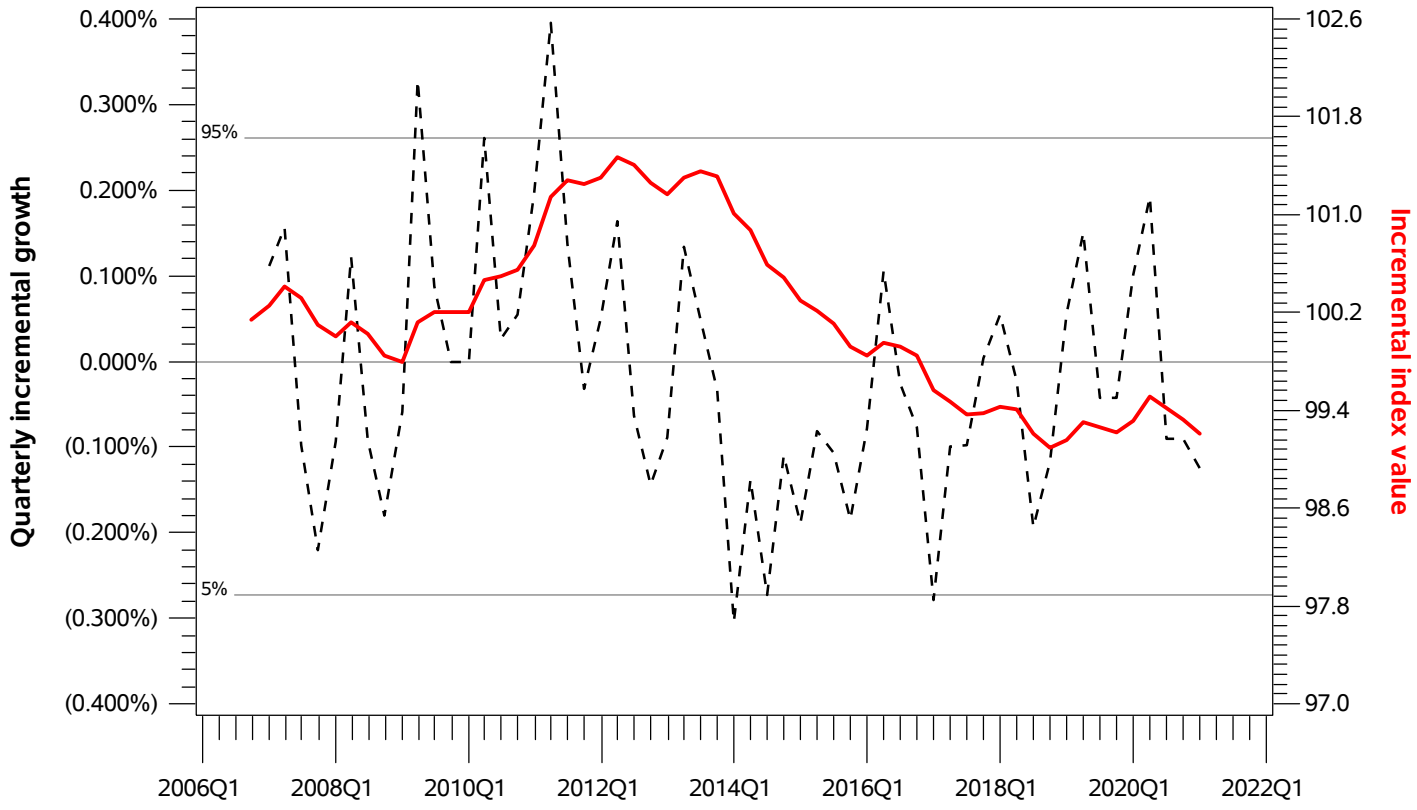


Table 172. ECI: COMP(S&L) Public administration incremental growth over ECI: COMP(S&L) All industries and occupations

LABSTAT series identifiers: CIU30192000000000I and CIU30100000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-25.1456	Z_{Tau}	-4.4228
Prob Z_{Rho}	0.0013	Prob Z_{Tau}	0.0007

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0367	AR(1) coefficient	-0.5344
Standard error	0.0256	Standard error	0.1140
t-statistic	1.4295	t-statistic	-4.6890
Probability t	0.1585	Durbin-Watson	1.4106

Estimated incremental annual growth rate: 0.147%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

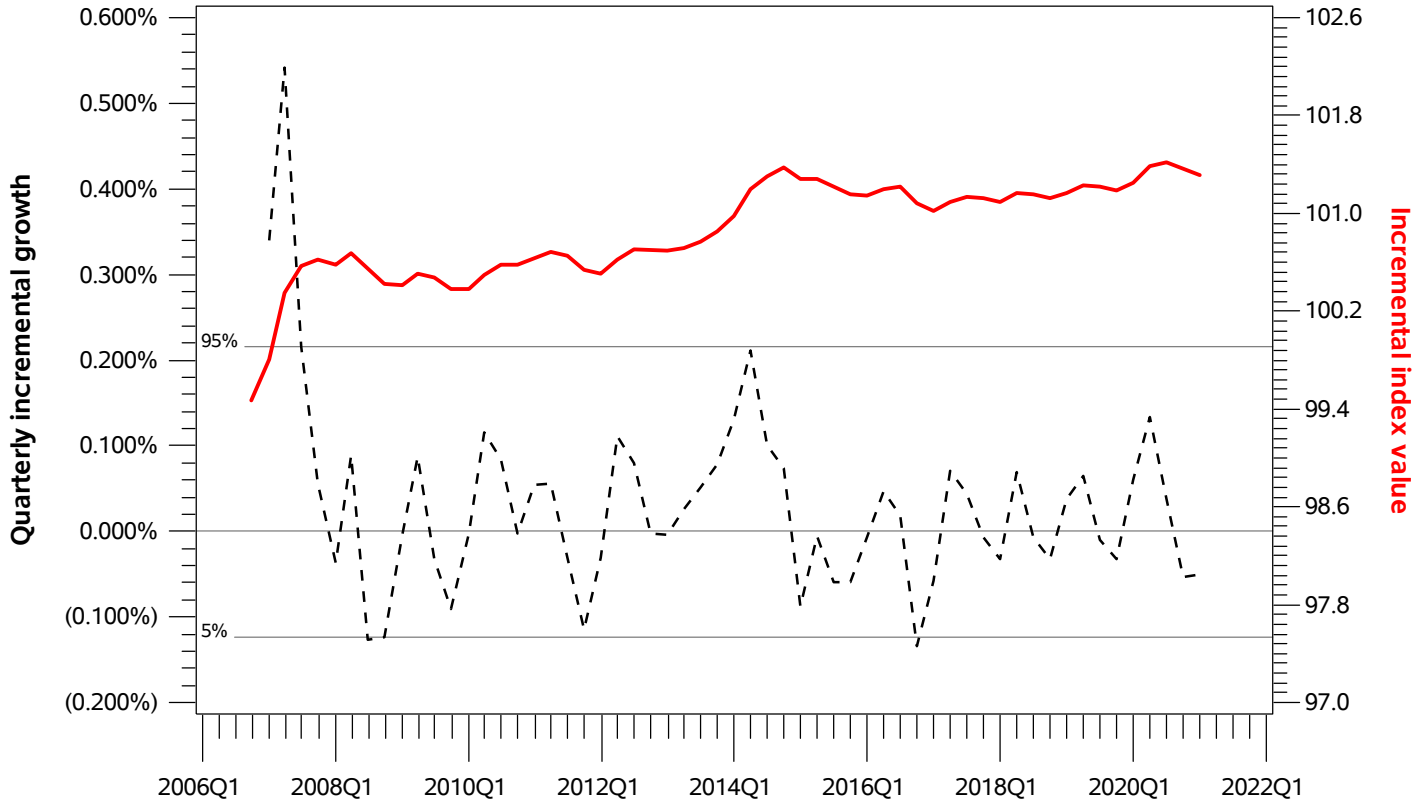


Table 173. ECI: W&S(S&L) Management, professional, and related incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30200001000001 and CIU30200000000001

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-35.4417	Z_{Tau}	-5.1545
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0148	AR(1) coefficient	-0.3415
Standard error	0.0061	Standard error	0.1267
t-statistic	-2.4134	t-statistic	-2.6951
Probability t	0.0192	Durbin-Watson	1.9568

Estimated incremental annual growth rate: (0.059%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.059%)

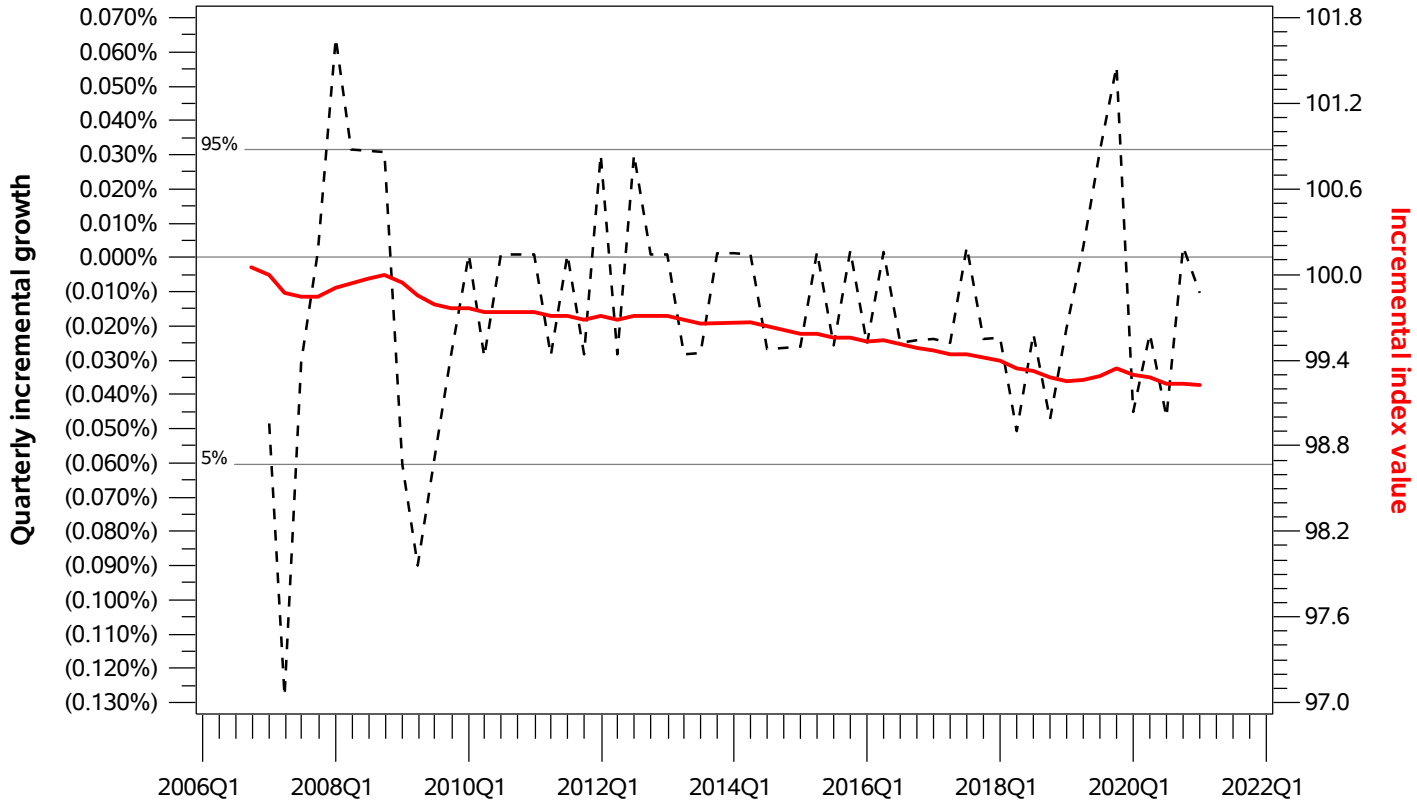


Table 174. ECI: W&S(S&L) Professional and related incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30200001200001 and CIU30200000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-33.1341	Z_{Tau}	-5.0583
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0002

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0182	AR(1) coefficient	-0.3900
Standard error	0.0086	Standard error	0.1242
t-statistic	-2.1218	t-statistic	-3.1413
Probability t	0.0384	Durbin-Watson	1.6514

Estimated incremental annual growth rate: (0.073%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.073%)

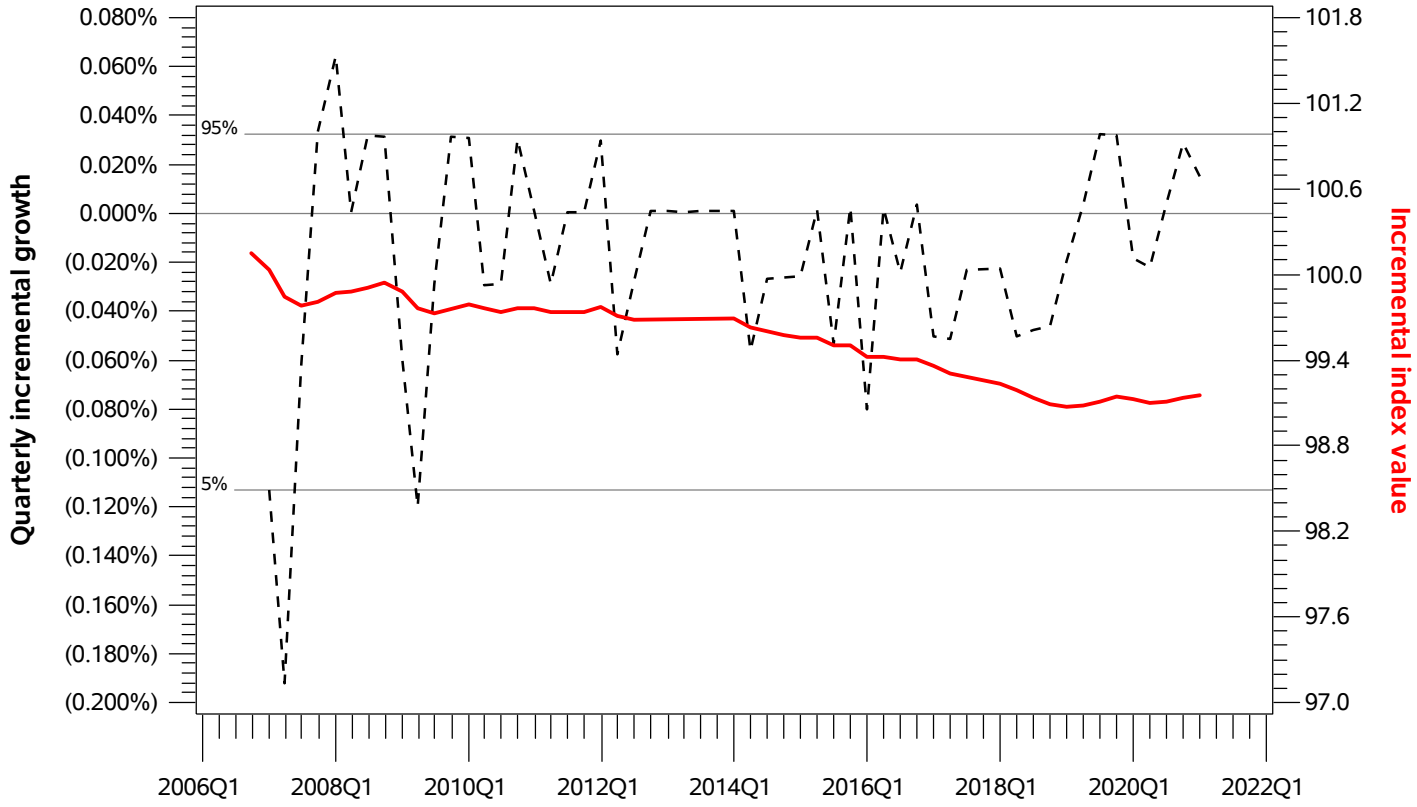


Table 175. ECI: W&S(S&L) Sales and office incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30200002000001 and CIU30200000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-27.8412	Z_{Tau}	-4.5283
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0005

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0105	AR(1) coefficient	-0.5149
Standard error	0.0188	Standard error	0.1156
t-statistic	0.5556	t-statistic	-4.4549
Probability t	0.5807	Durbin-Watson	1.7508

Estimated incremental annual growth rate: 0.042%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

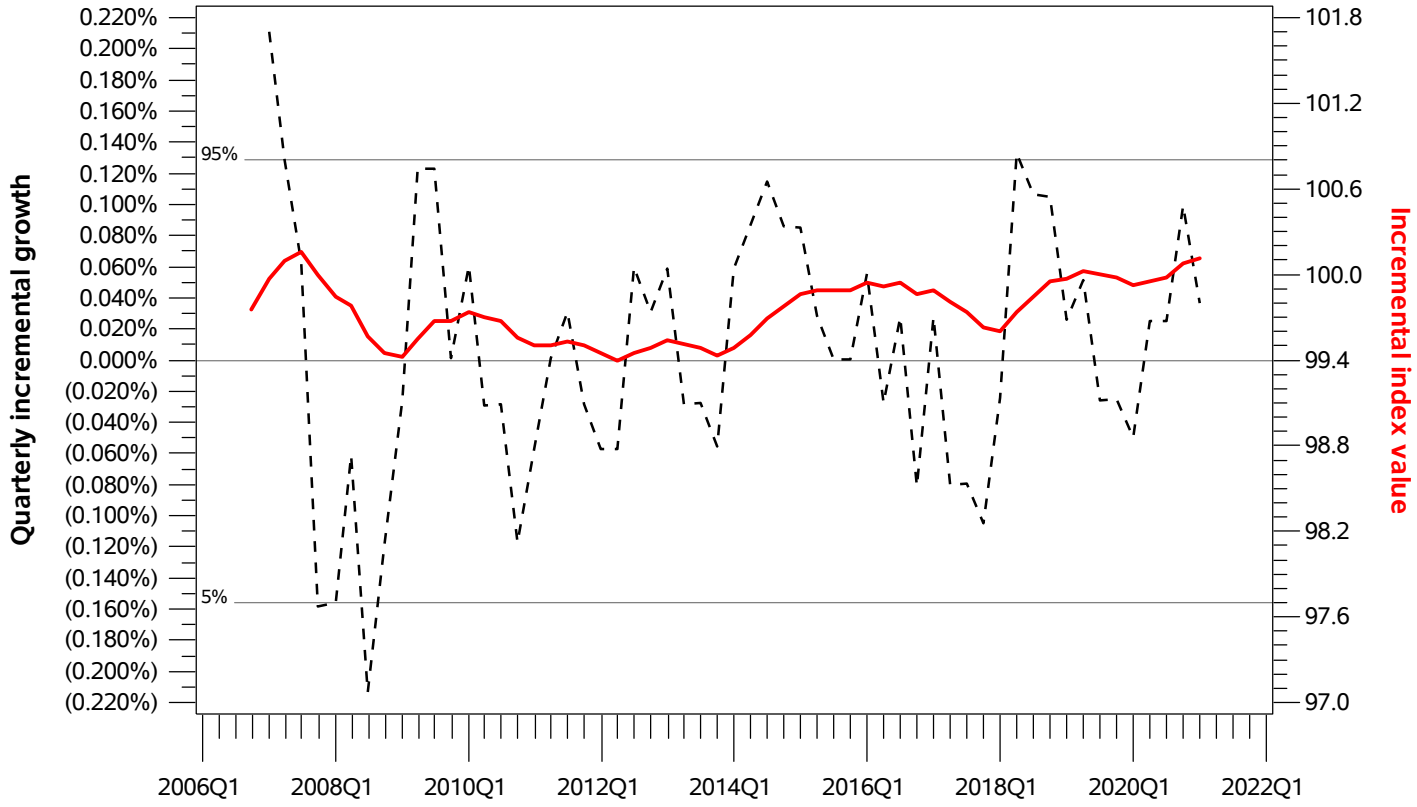


Table 176. ECI: W&S(S&L) Office and administrative support incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30200002200001 and CIU30200000000001

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-30.4594	Z_{Tau}	-4.8044
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0003

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0138	AR(1) coefficient	-0.4732
Standard error	0.0182	Standard error	0.1188
t-statistic	0.7603	t-statistic	-3.9838
Probability t	0.4503	Durbin-Watson	1.6861

Estimated incremental annual growth rate: 0.055%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

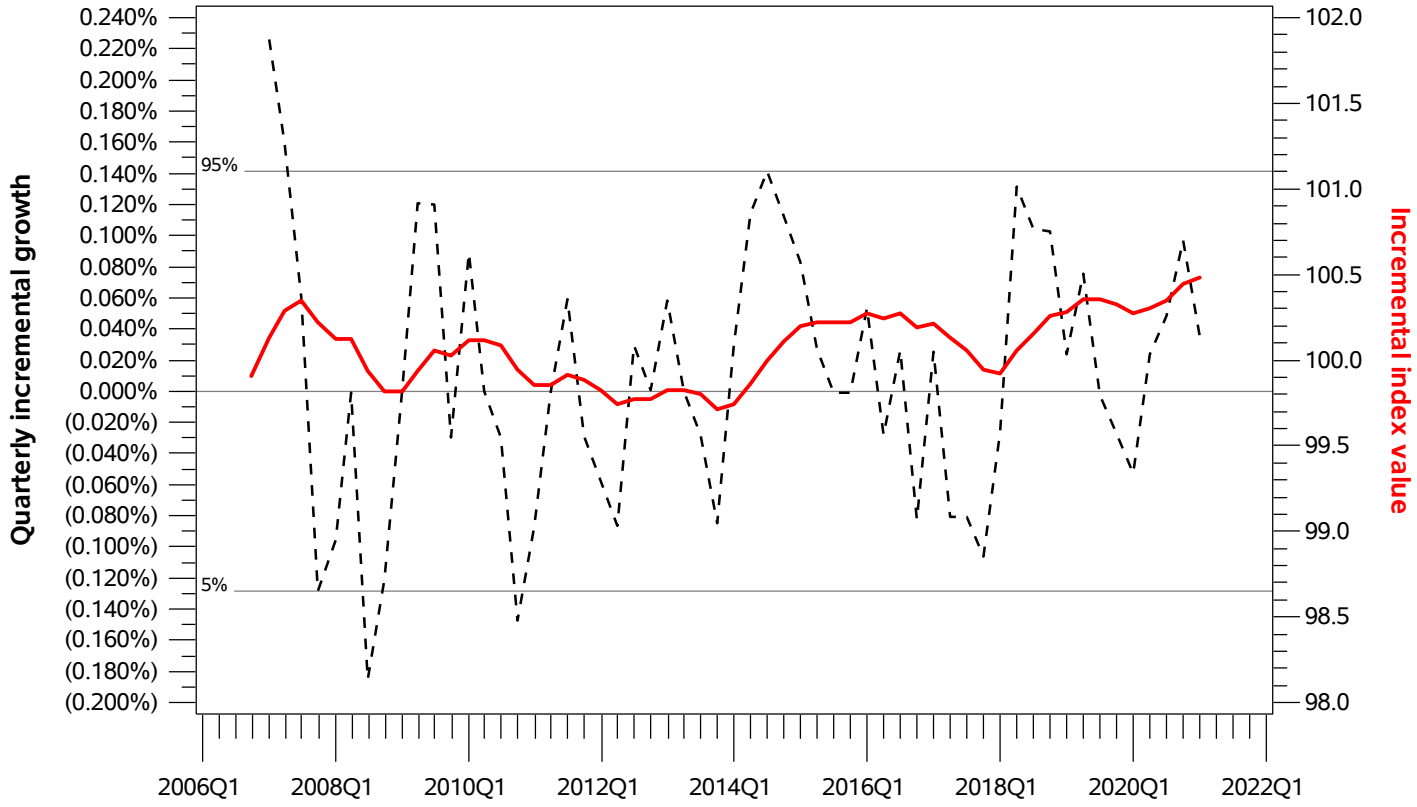


Table 177. ECI: W&S(S&L) Service occupations incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30200003000001 and CIU30200000000001
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-46.4796	Z_{Tau}	-6.3208
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0469	AR(1) coefficient	-0.1536
Standard error	0.0121	Standard error	0.1332
t-statistic	3.8652	t-statistic	-1.1529
Probability t	0.0003	Durbin-Watson	1.9022

Estimated incremental annual growth rate: 0.188%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.188%

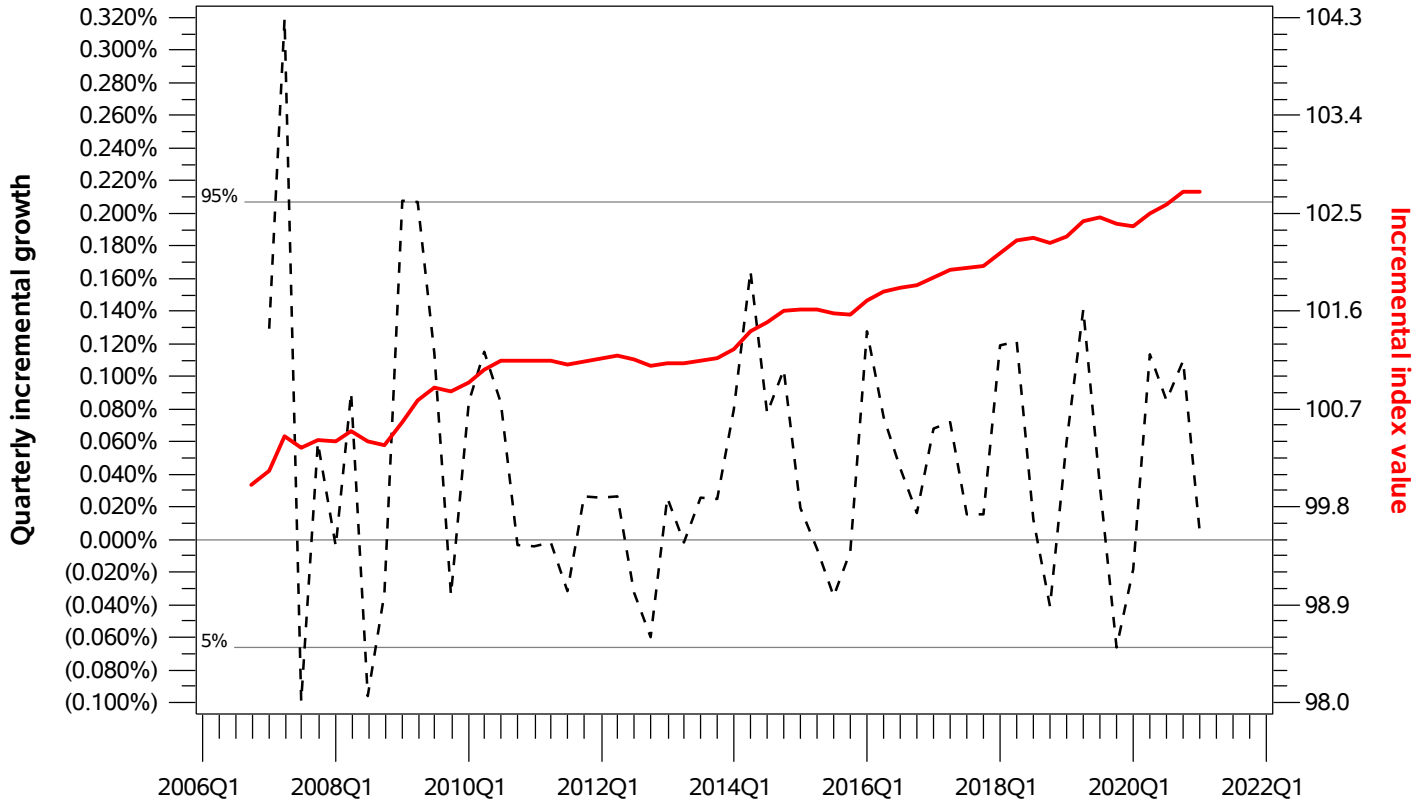


Table 178. ECI: W&S(S&L) Education and health services incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30260000000000I and CIU30200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-36.6317	Z_{Tau}	-5.2244
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0155	AR(1) coefficient	-0.3441
Standard error	0.0092	Standard error	0.1266
t-statistic	-1.6728	t-statistic	-2.7183
Probability t	0.1000	Durbin-Watson	1.6611

Estimated incremental annual growth rate: (0.062%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

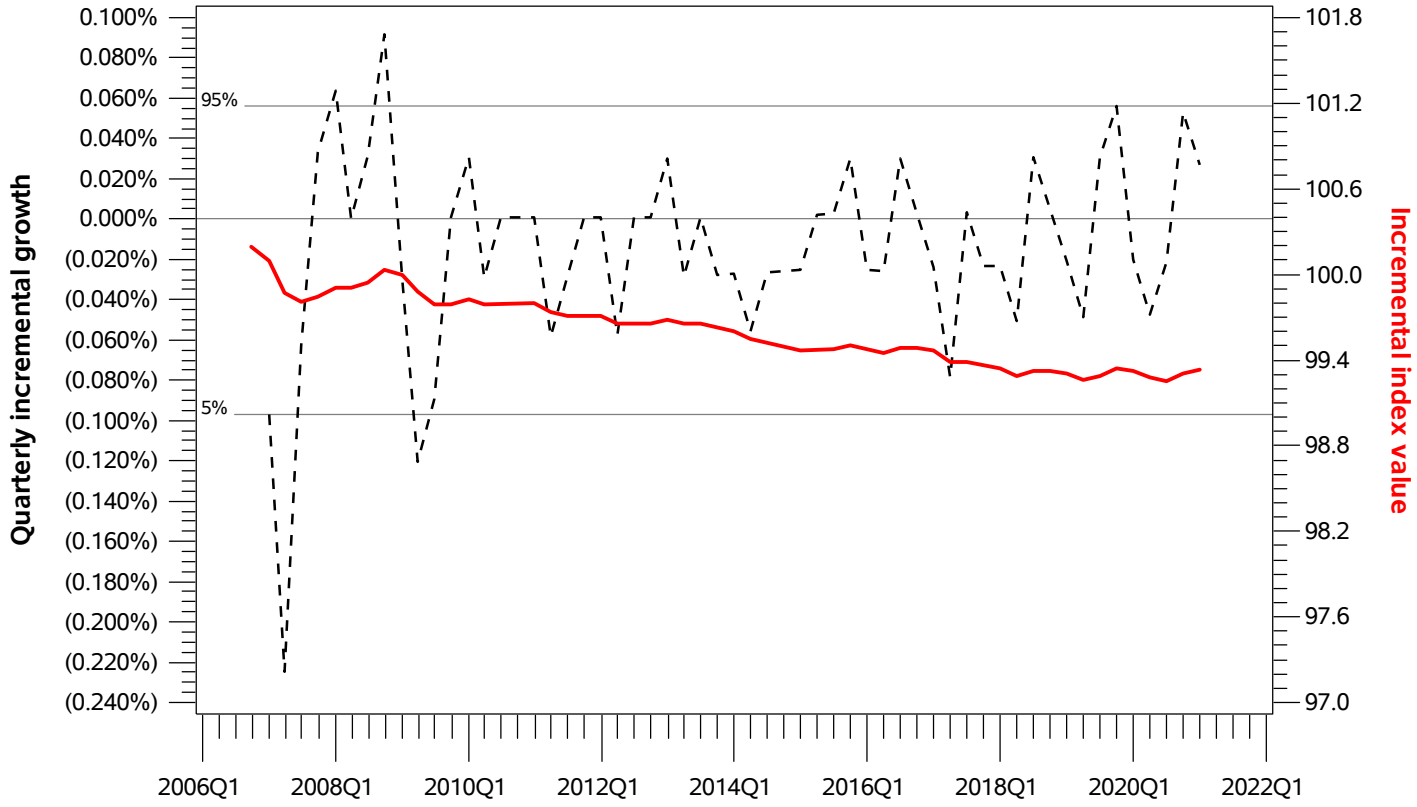


Table 179. ECI: W&S(S&L) Education services incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30261000000000I and CIU30200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-39.3572	Z_{Tau}	-5.6695
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0200	AR(1) coefficient	-0.2570
Standard error	0.0109	Standard error	0.1303
t-statistic	-1.8305	t-statistic	-1.9721
Probability t	0.0726	Durbin-Watson	1.7339

Estimated incremental annual growth rate: (0.080%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.080%)

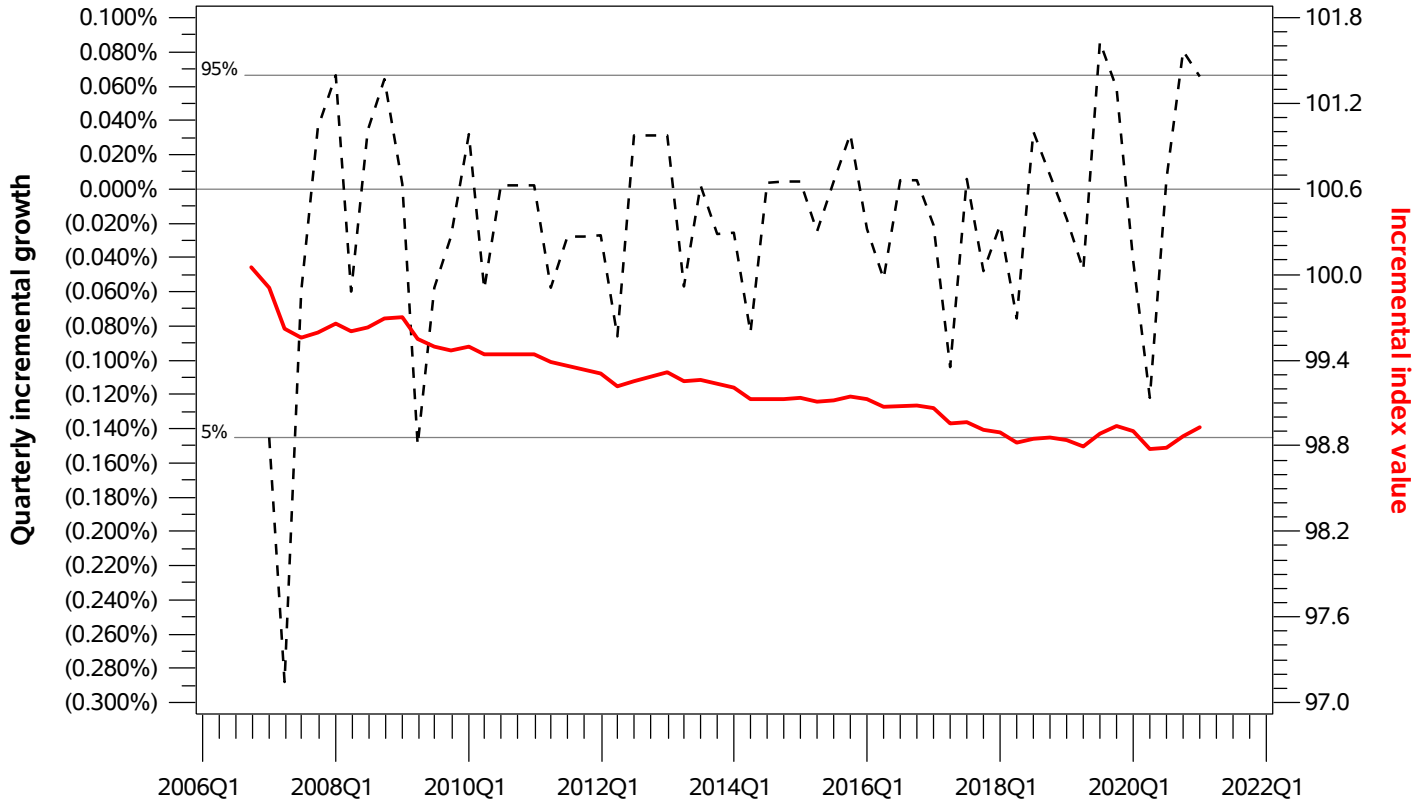


Table 180. ECI: W&S(S&L) Schools incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30261050000000I and CIU30200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-36.9083	Z_{Tau}	-5.5246
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0203	AR(1) coefficient	-0.3031
Standard error	0.0115	Standard error	0.1285
t-statistic	-1.7650	t-statistic	-2.3591
Probability t	0.0831	Durbin-Watson	1.6207

Estimated incremental annual growth rate: (0.081%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.081%)

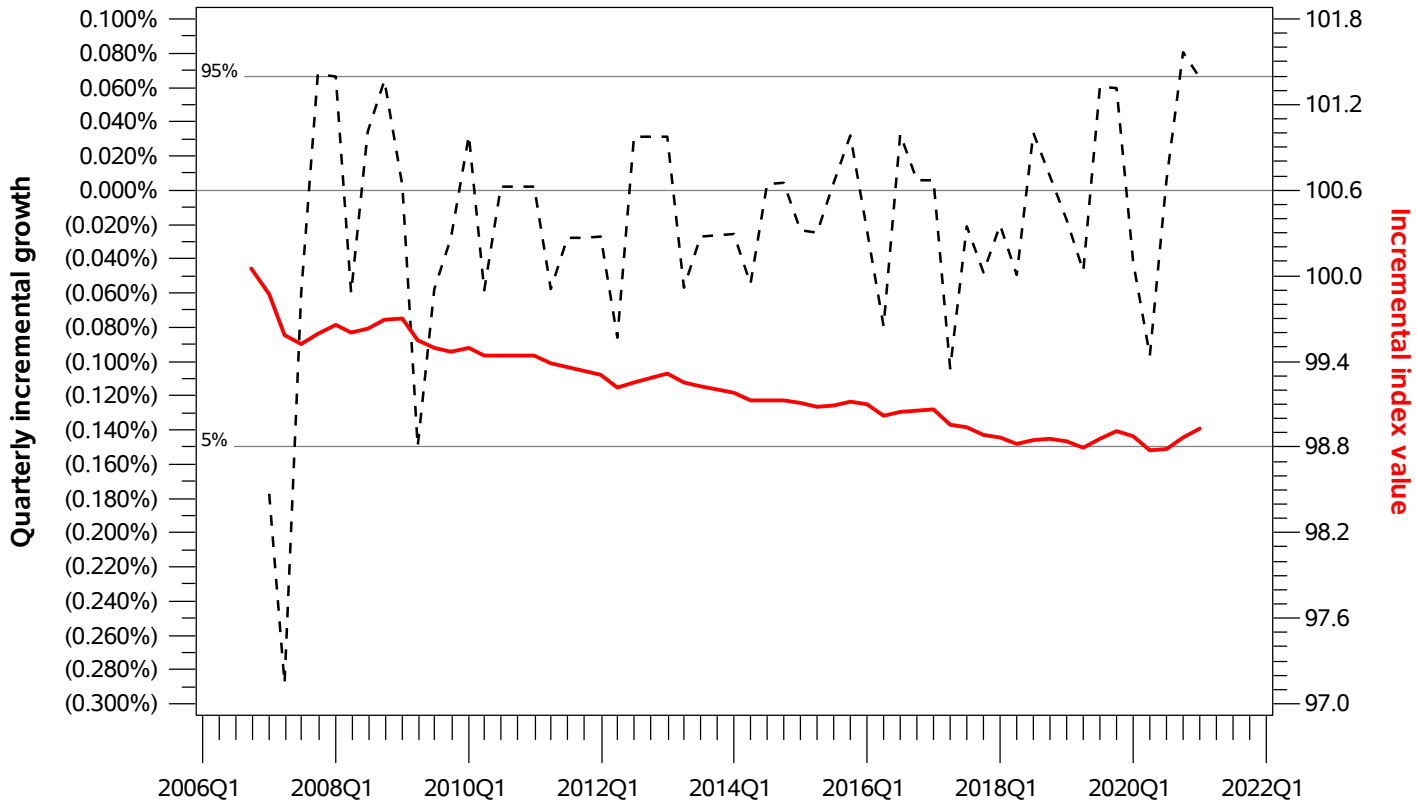


Table 181. ECI: W&S(S&L) Elementary and secondary schools incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU3026110000000I and CIU3020000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-37.3053	Z_{Tau}	-5.2271
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0230	AR(1) coefficient	-0.3079
Standard error	0.0161	Standard error	0.1283
t-statistic	-1.4311	t-statistic	-2.3998
Probability t	0.1581	Durbin-Watson	1.7210

Estimated incremental annual growth rate: (0.092%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

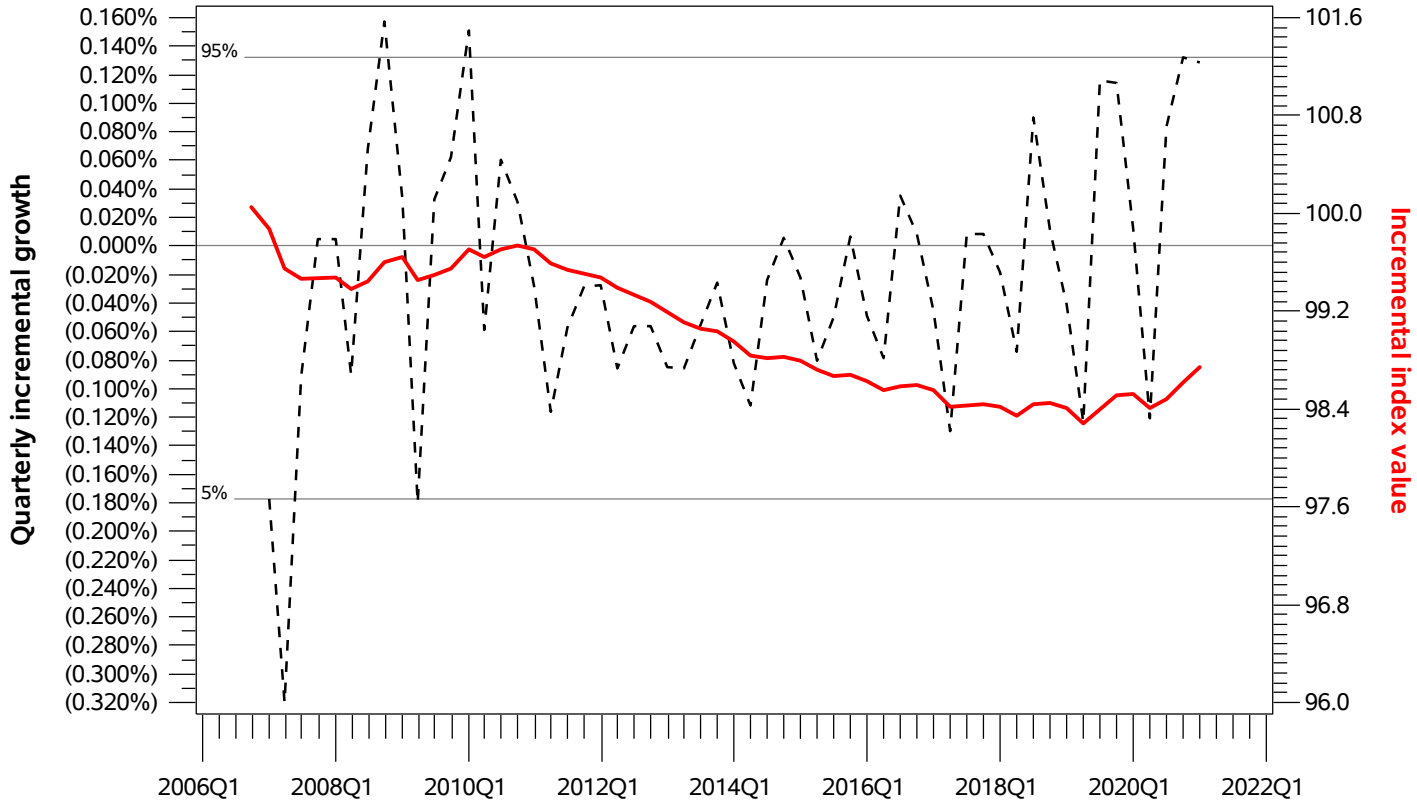


Table 182. ECI: W&S(S&L) Health care and social assistance incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30262000000000I and CIU30200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-48.6132	Z_{Tau}	-6.5187
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0164	AR(1) coefficient	-0.1230
Standard error	0.0172	Standard error	0.1338
t-statistic	0.9530	t-statistic	-0.9189
Probability t	0.3448	Durbin-Watson	1.9310

Estimated incremental annual growth rate: 0.066%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

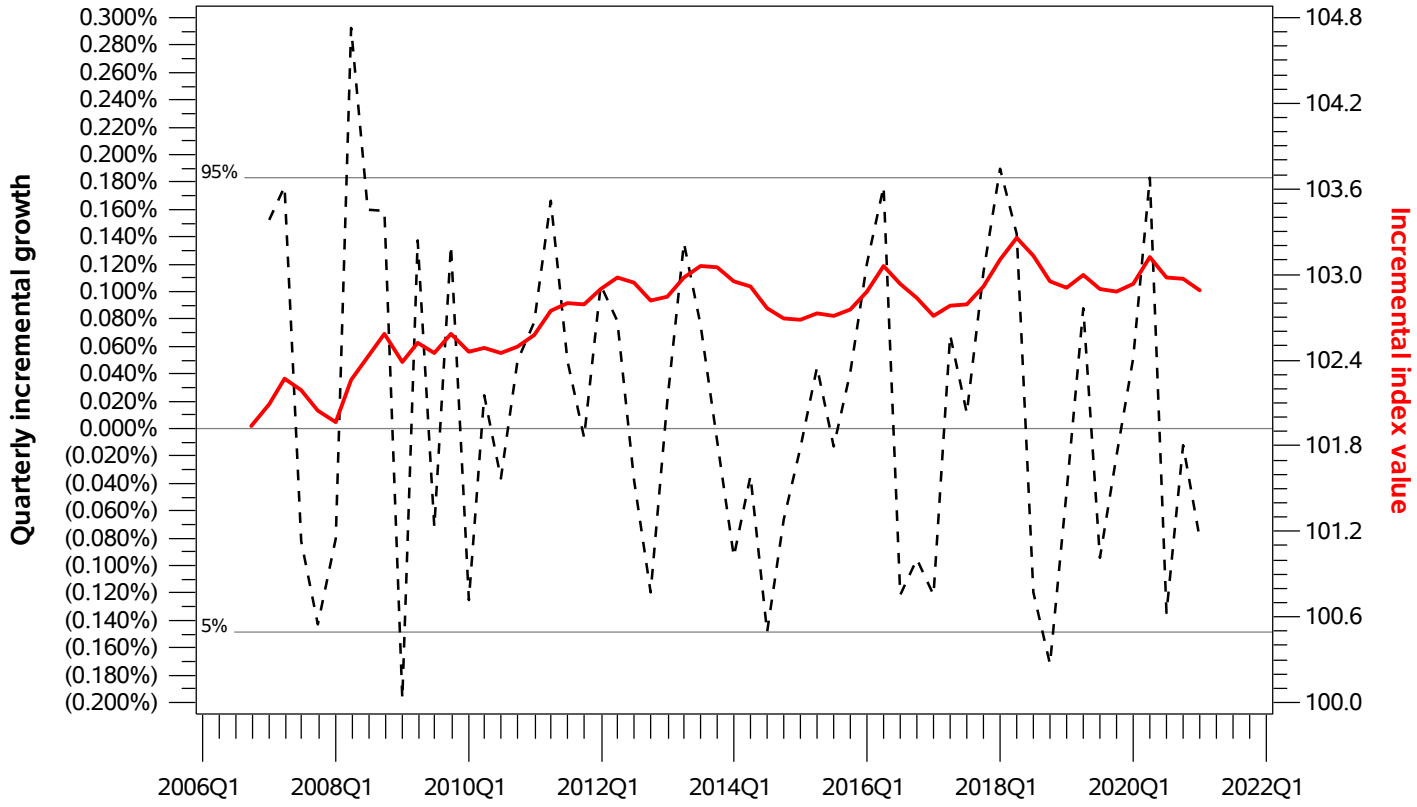


Table 183. ECI: W&S(S&L) Hospitals incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30262200000000I and CIU30200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-36.8339	Z_{Tau}	-5.4010
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0280	AR(1) coefficient	-0.3227
Standard error	0.0267	Standard error	0.1276
t-statistic	1.0466	t-statistic	-2.5287
Probability t	0.2999	Durbin-Watson	1.7527

Estimated incremental annual growth rate: 0.112%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

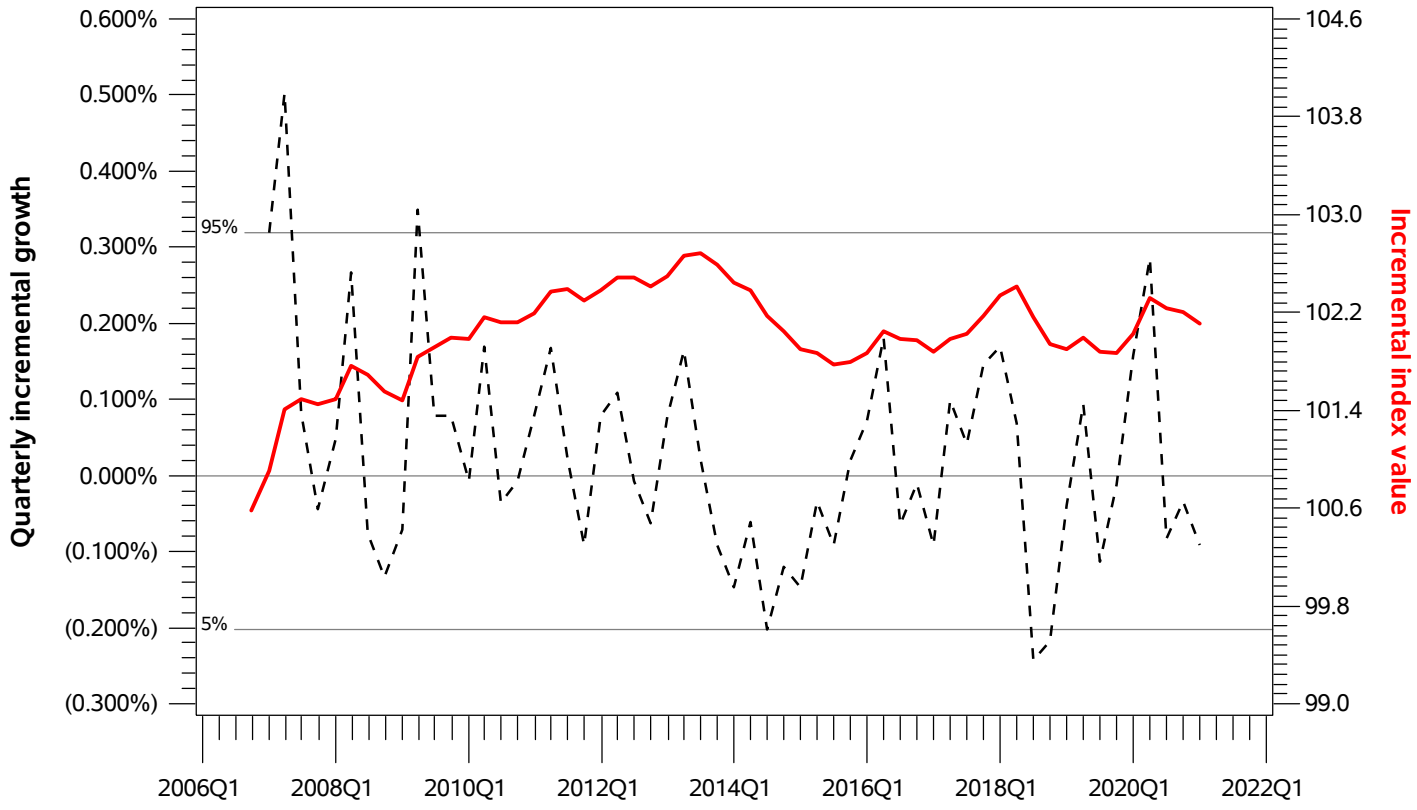


Table 184. ECI: W&S(S&L) Public administration incremental growth over ECI: W&S(S&L) All industries and occupations

LABSTAT series identifiers: CIU30292000000000I and CIU30200000000000I
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-38.3634	Z_{Tau}	-5.6688
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0001

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0211	AR(1) coefficient	-0.2744
Standard error	0.0180	Standard error	0.1297
t-statistic	1.1732	t-statistic	-2.1165
Probability t	0.2458	Durbin-Watson	1.6673

Estimated incremental annual growth rate: 0.085%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

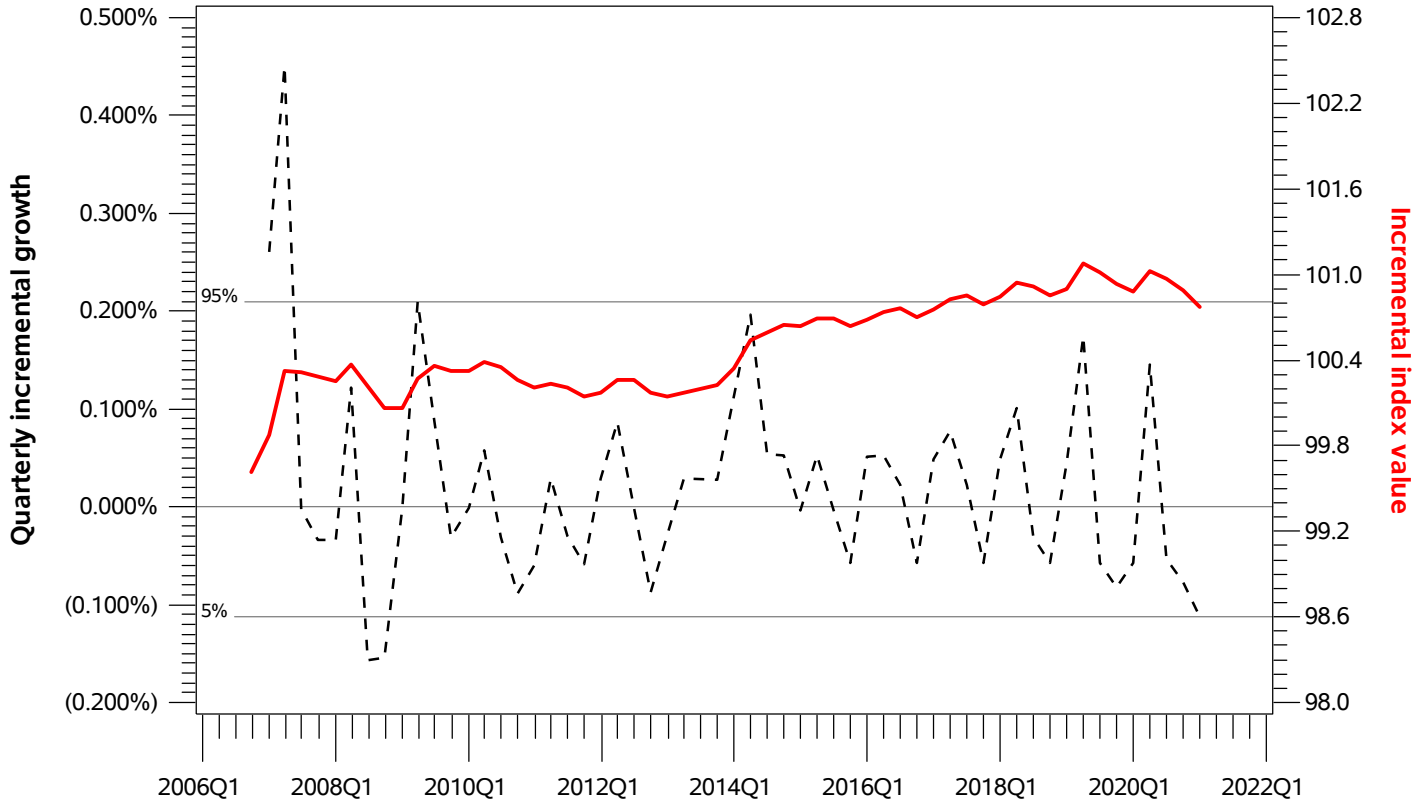


Table 185. CPI-U: Physicians services incremental growth over CPI-U: Professional Services

LABSTAT series identifiers: CUUR0000SEMC01 and CUUR0000SEMC

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-20.4462	Z_{Tau}	-3.4082
Prob Z_{Rho}	0.0058	Prob Z_{Tau}	0.0145

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.0053	AR(1) coefficient	-0.6917
Standard error	0.0449	Standard error	0.0974
t-statistic	-0.1176	t-statistic	-7.1025
Probability t	0.9068	Durbin-Watson	1.5366

Estimated incremental annual growth rate: (0.021%)

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

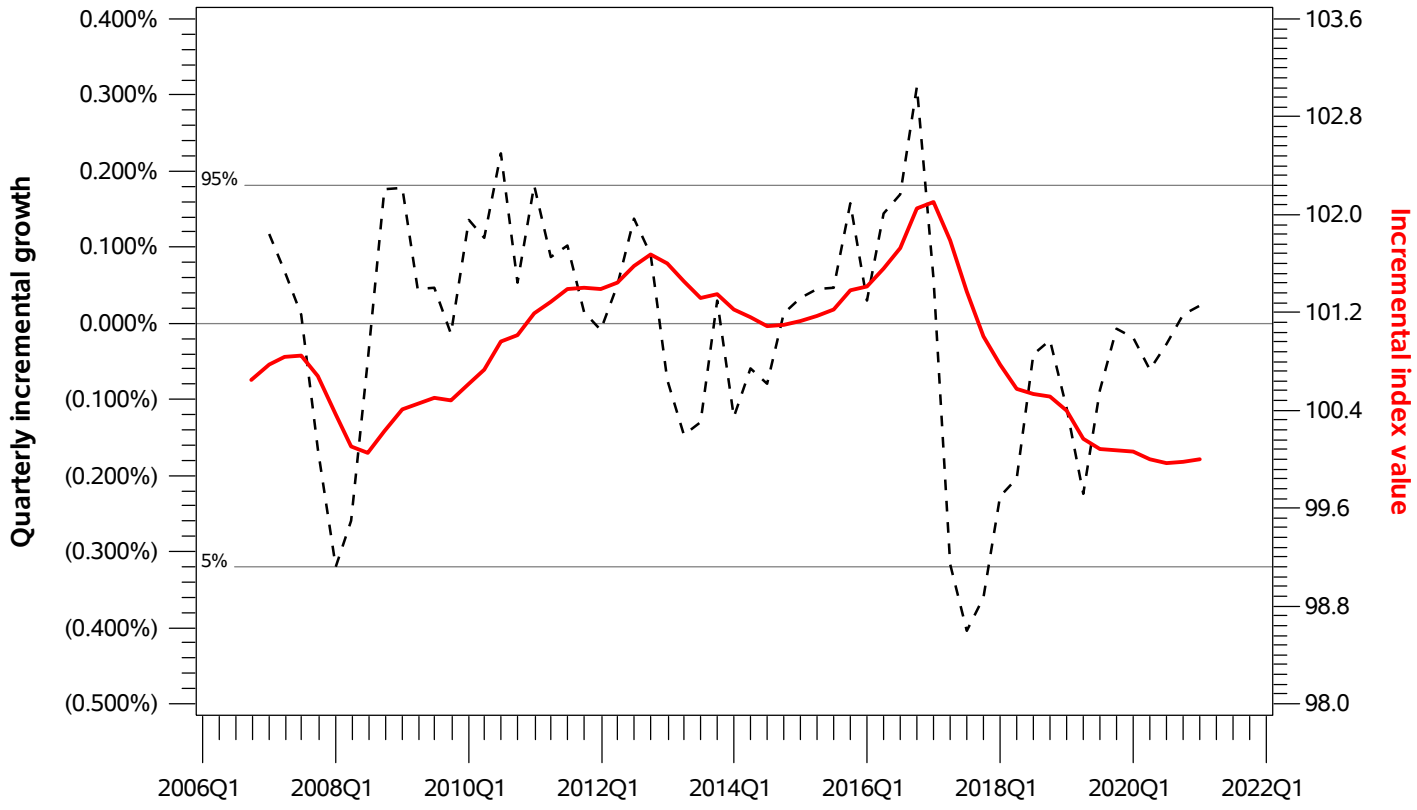


Table 186. CPI-U: Dental services incremental growth over CPI-U: Professional Services

LABSTAT series identifiers: CUUR0000SEMC02 and CUUR0000SEMC
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-29.3544	Z_{Tau}	-4.3010
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0011

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.1748	AR(1) coefficient	-0.4844
Standard error	0.0506	Standard error	0.1180
t-statistic	3.4533	t-statistic	-4.1060
Probability t	0.0011	Durbin-Watson	1.8728

Estimated incremental annual growth rate: 0.701%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.701%

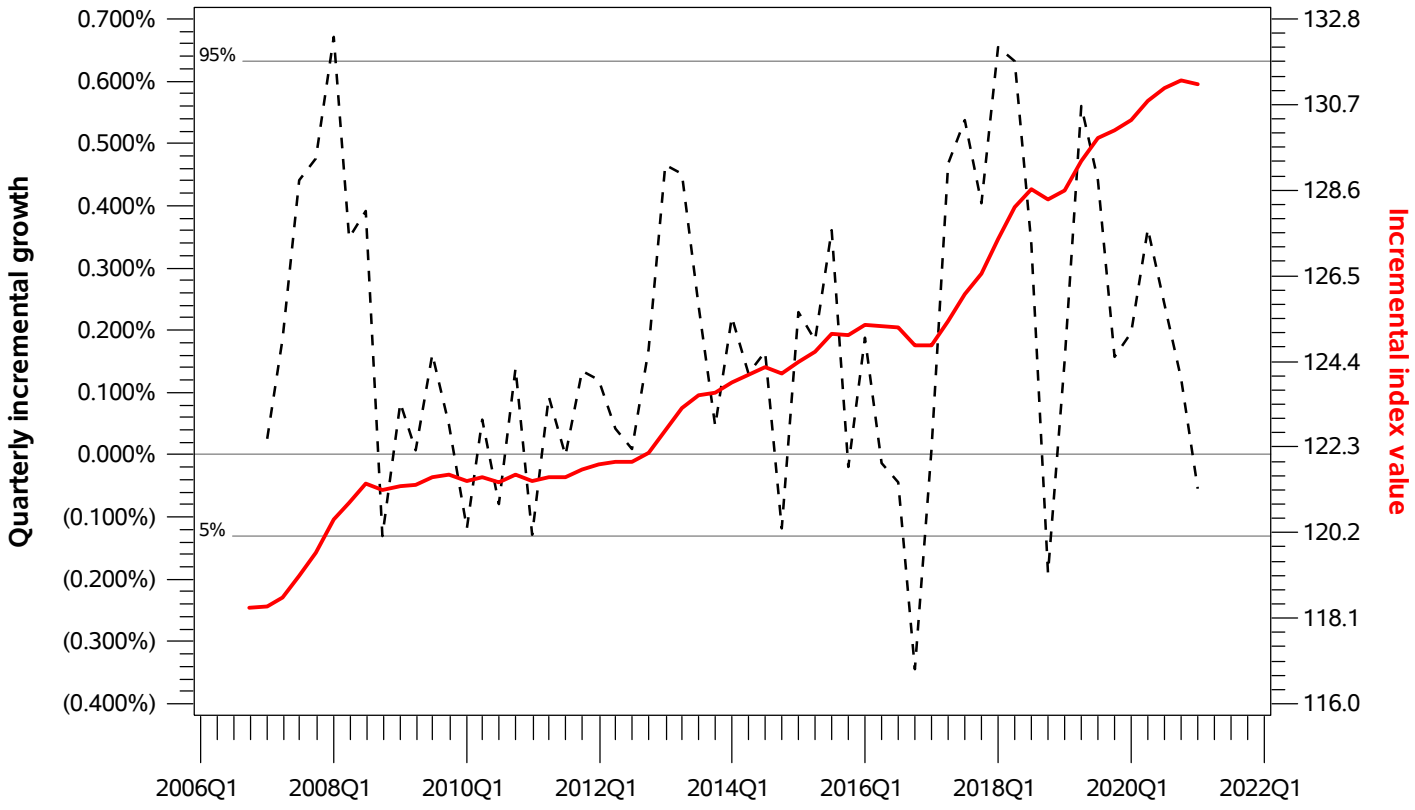


Table 187. CPI-U: Eyeglasses and eye care incremental growth over CPI-U: Professional Services

LABSTAT series identifiers: CUUR0000SEMC03 and CUUR0000SEMC
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-31.3569	Z_{Tau}	-4.5426
Prob Z_{Rho}	0.0005	Prob Z_{Tau}	0.0005

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.2804	AR(1) coefficient	-0.4483
Standard error	0.0762	Standard error	0.1205
t-statistic	-3.6814	t-statistic	-3.7189
Probability t	0.0005	Durbin-Watson	1.9260

Estimated incremental annual growth rate: (1.117%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (1.117%)

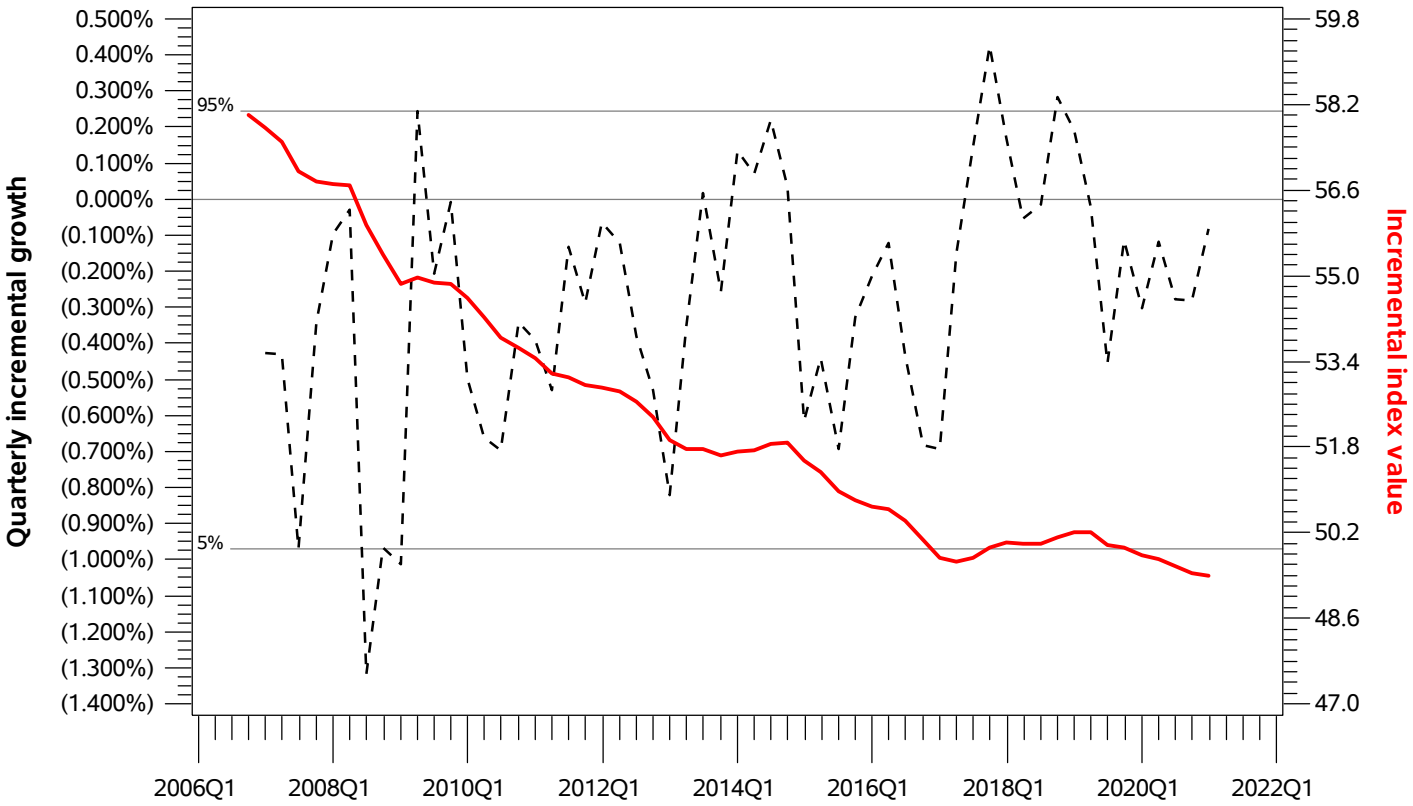


Table 188. CPI-U: Services by other medical professionals incremental growth over CPI-U: Professional Services

LABSTAT series identifiers: CUUR0000SEMC04 and CUUR0000SEMC
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-23.7868	Z_{Tau}	-3.7754
Prob Z_{Rho}	0.0020	Prob Z_{Tau}	0.0052

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.1262	AR(1) coefficient	-0.6070
Standard error	0.0731	Standard error	0.1072
t-statistic	-1.7261	t-statistic	-5.6649
Probability t	0.0899	Durbin-Watson	1.6393

Estimated incremental annual growth rate: (0.504%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (0.504%)

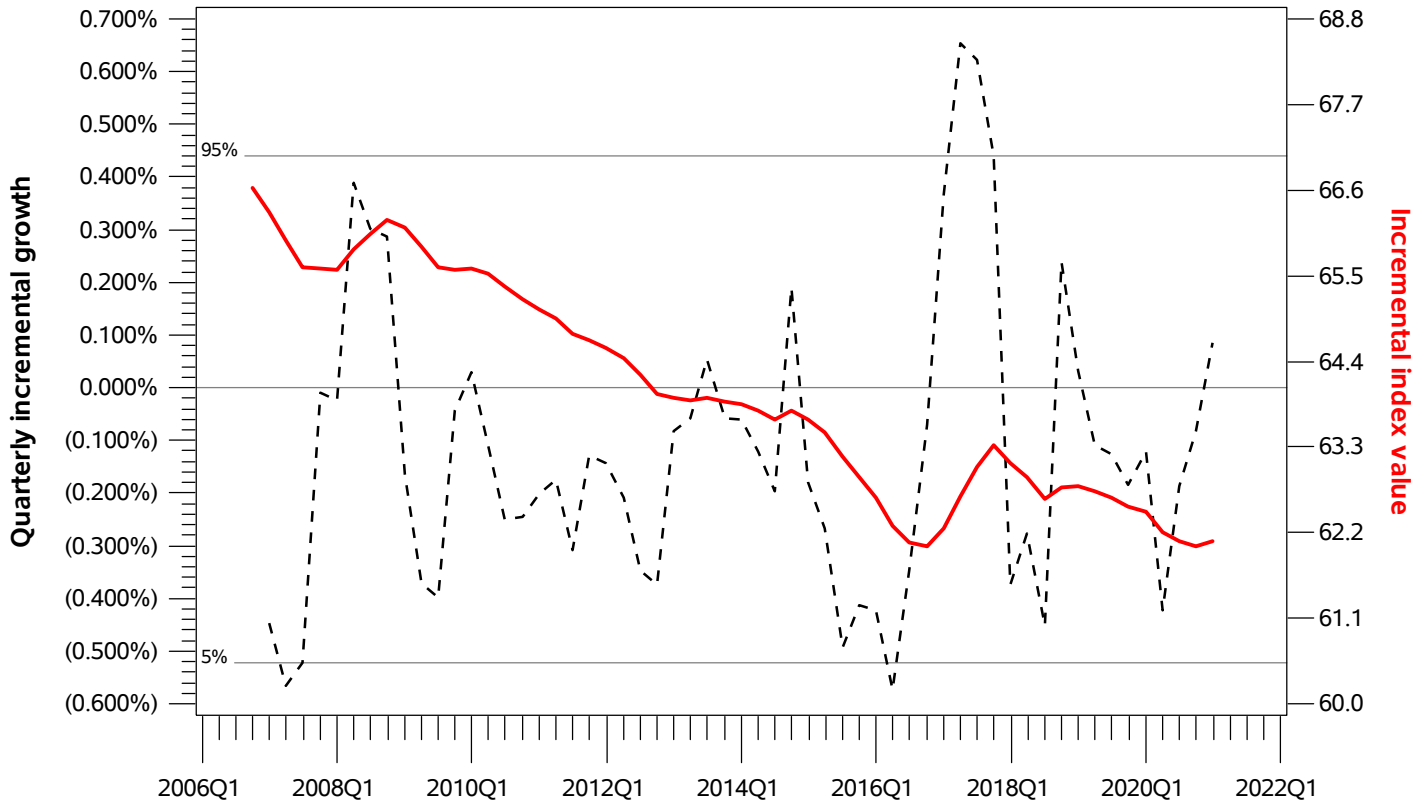


Table 189. CPI-U: Hospital services incremental growth over CPI-U: Hospital and Related Services

LABSTAT series identifiers: CUUR0000SEMD01 and CUUR0000SEMD

Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-12.6369	Z_{Tau}	-2.5922
Prob Z_{Rho}	0.0575	Prob Z_{Tau}	0.1003

H_0: Series contains a unit root, Fail to reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0659	AR(1) coefficient	-0.6947
Standard error	0.0193	Standard error	0.0970
t-statistic	3.4093	t-statistic	-7.1626
Probability t	0.0012	Durbin-Watson	2.2493

Estimated incremental annual growth rate: 0.264%

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: 0.264%

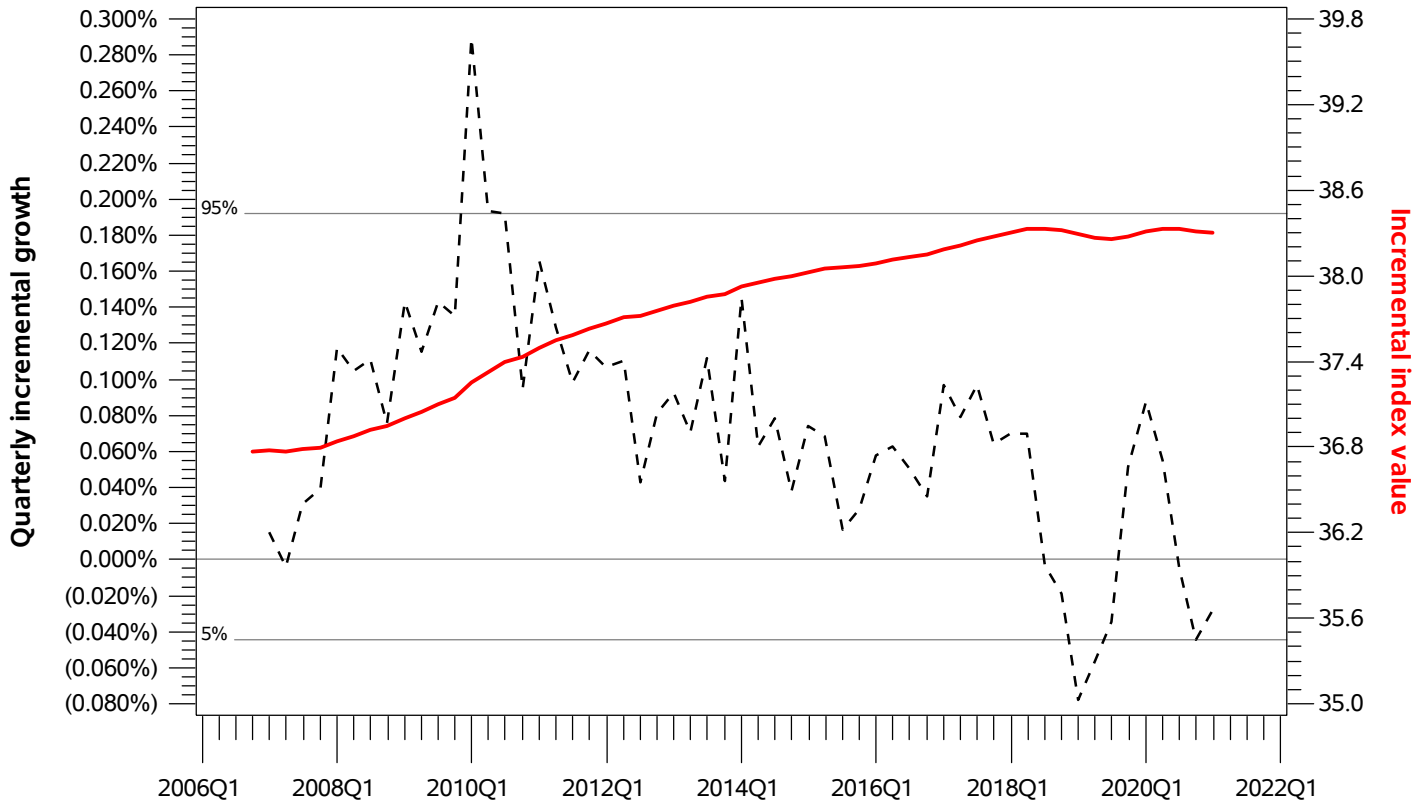


Table 190. CPI-U: Health insurance incremental growth over CPI-U: Medical Care

LABSTAT series identifiers: CUUR0000SEME and CUUR0000SAM
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-7.6961	Z_{Tau}	-1.9777
Prob Z_{Rho}	0.2158	Prob Z_{Tau}	0.2956

H_0: Series contains a unit root, Fail to reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.2508	AR(1) coefficient	-0.9149
Standard error	0.8342	Standard error	0.0544
t-statistic	0.3006	t-statistic	-16.8038
Probability t	0.7648	Durbin-Watson	0.5276

Estimated incremental annual growth rate: 1.007%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

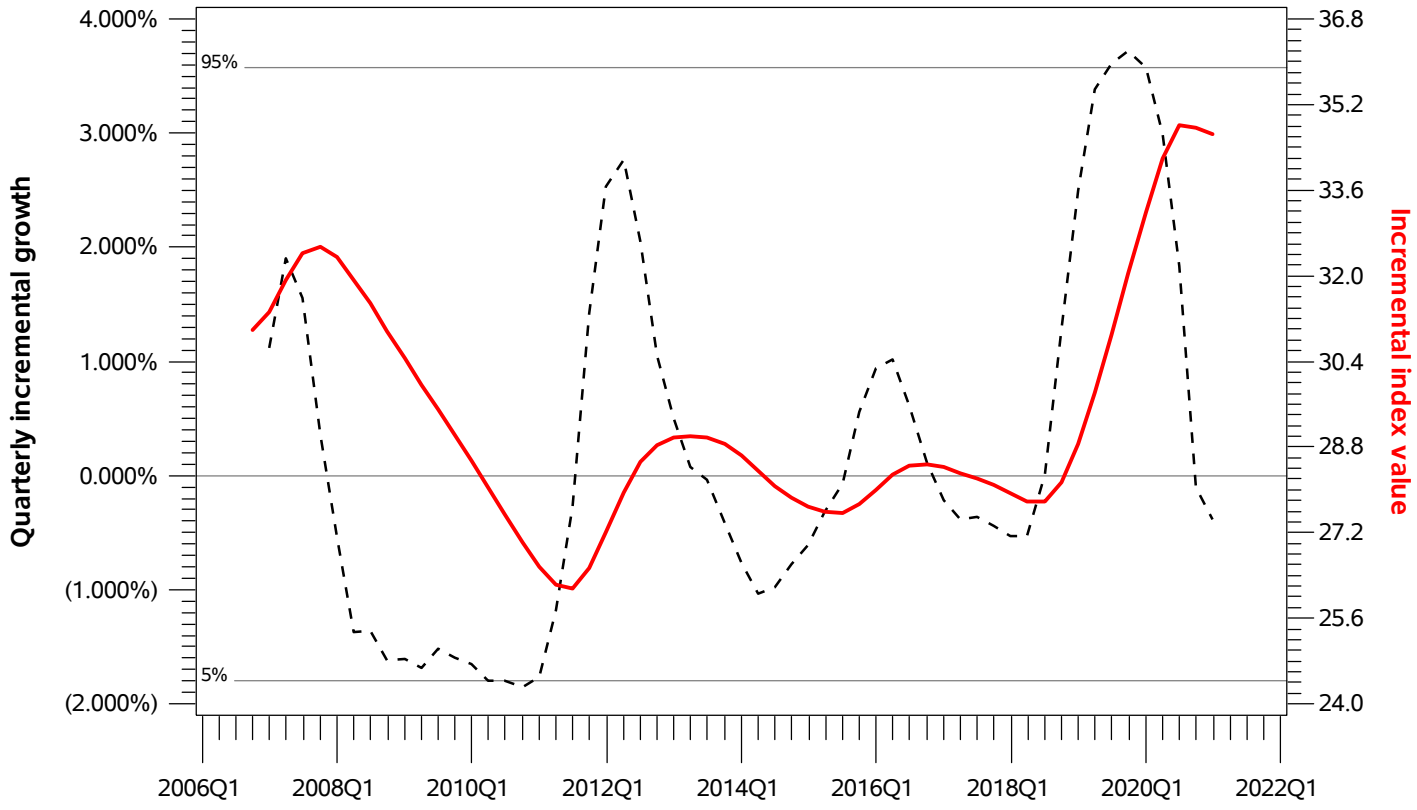


Table 191. CPI-U: Nonprescription drugs incremental growth over CPI-U: Medical care commodities

LABSTAT series identifiers: CUUR0000SEMF02 and CUUR0000SAM1

Historical data period: DEC-2009 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-17.3899	Z_{Tau}	-3.1386
Prob Z_{Rho}	0.0128	Prob Z_{Tau}	0.0306

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.5252	AR(1) coefficient	-0.5087
Standard error	0.1509	Standard error	0.1328
t-statistic	-3.4808	t-statistic	-3.8293
Probability t	0.0012	Durbin-Watson	2.1277

Estimated incremental annual growth rate: (2.084%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (2.084%)

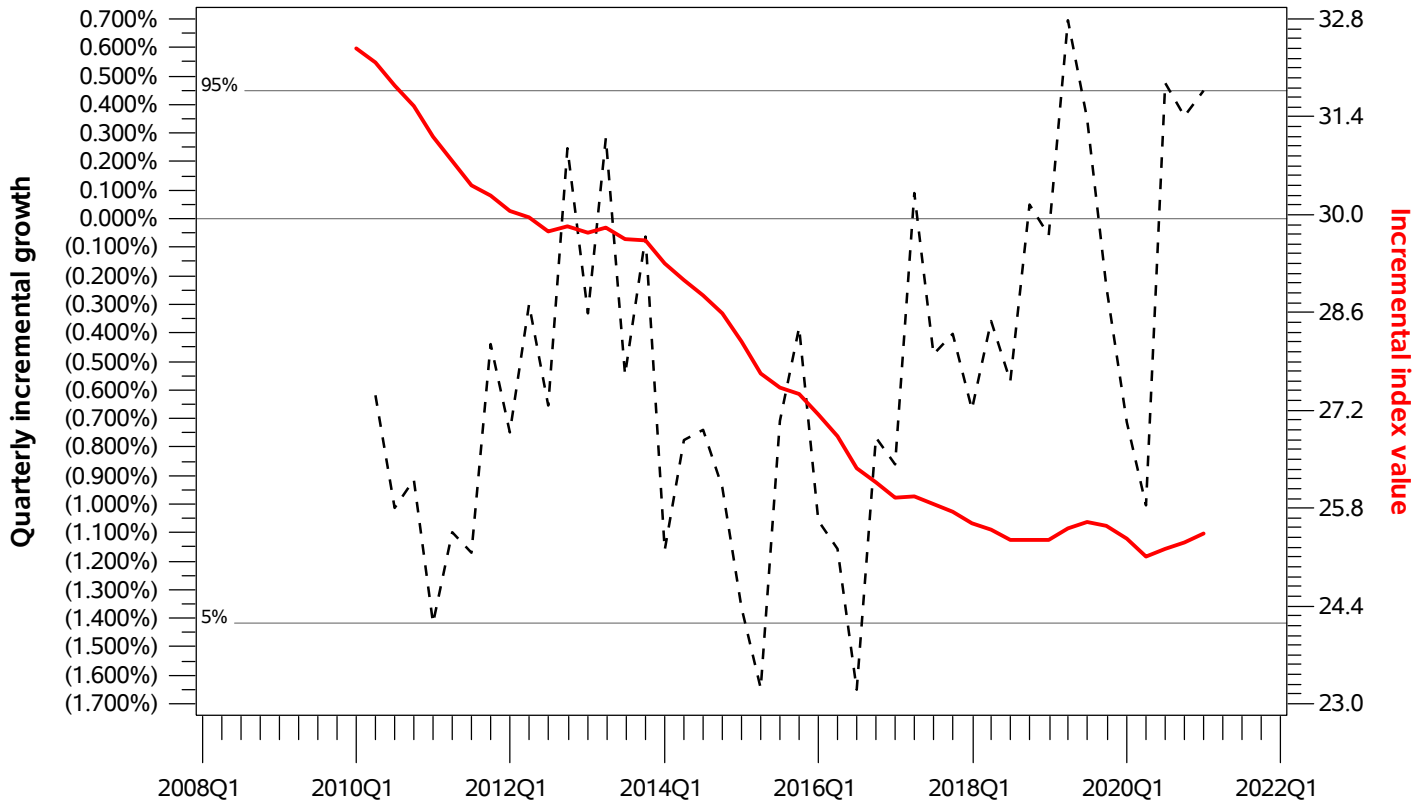


Table 192. CPI-U: Medical equipment and supplies incremental growth over CPI-U: Medical care commodities

LABSTAT series identifiers: CUUR0000SEMG and CUUR0000SAM1
Historical data period: DEC-2009 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-20.5568	Z_{Tau}	-3.6403
Prob Z_{Rho}	0.0046	Prob Z_{Tau}	0.0084

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	-0.5925	AR(1) coefficient	-0.4279
Standard error	0.1724	Standard error	0.1395
t-statistic	-3.4373	t-statistic	-3.0679
Probability t	0.0013	Durbin-Watson	2.1540

Estimated incremental annual growth rate: (2.349%)

H_0: $\mu = 0$, Reject null hypothesis

Forecasted incremental annual growth rate: (2.349%)

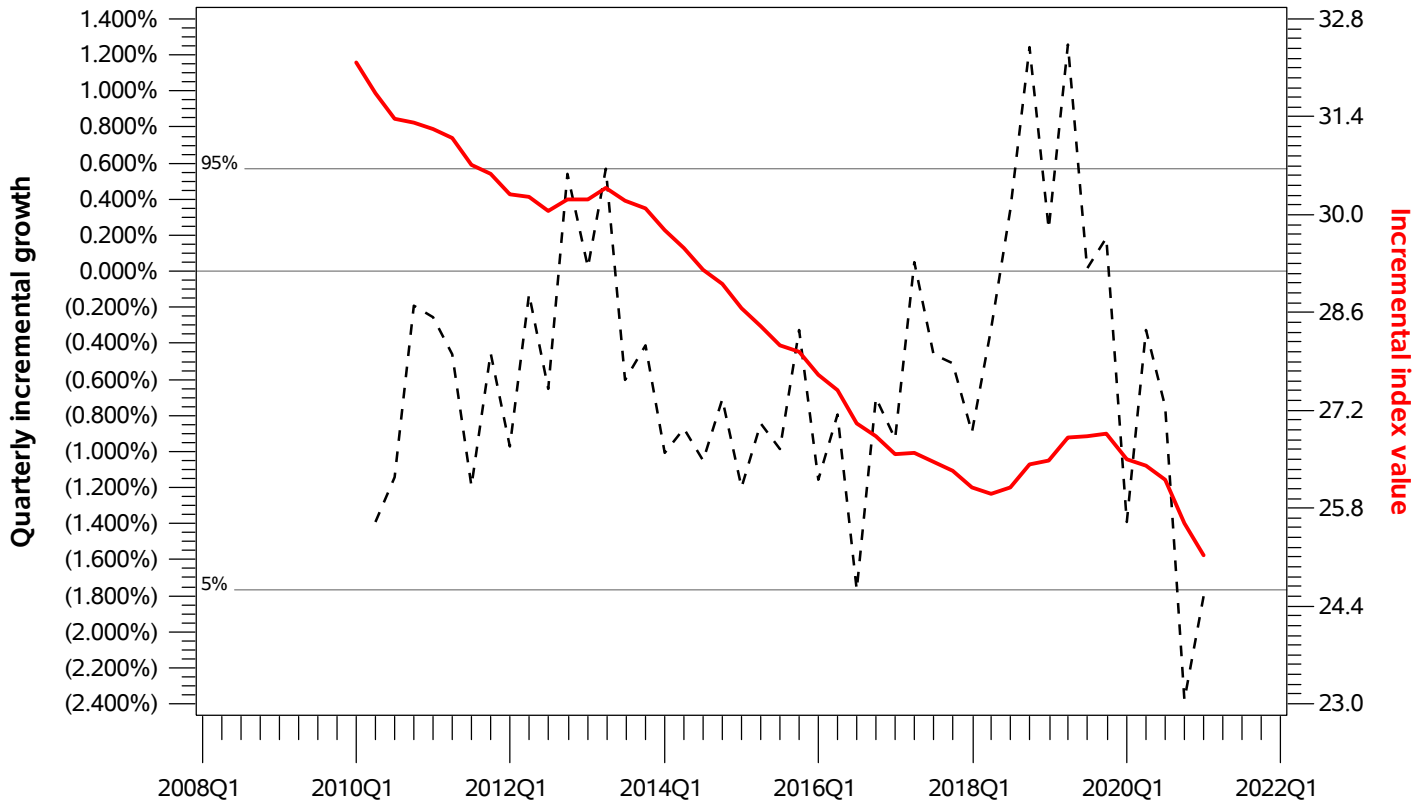


Table 193. CPI-U: Motor vehicle maintenance and repair incremental growth over CPI-U: Services

LABSTAT series identifiers: CUUR0000SETD and CUUR0000SAS
Historical data period: SEP-2006 to DEC-2020 (Quarterly)

Phillips-Perron single mean stationarity test statistic

$$G_t = \mu + \rho G_{t-1} + u_t$$

Z_{Rho}	-12.9893	Z_{Tau}	-2.6404
Prob Z_{Rho}	0.0521	Prob Z_{Tau}	0.0908

H_0: Series contains a unit root, Reject null hypothesis

Yule-Walker Parameter Estimates AR(1)

$$u_t = \varepsilon_t - \psi_1 u_{t-1}$$

	Mean Quarterly Growth Rate %		AR(1) Parameter
Intercept	0.0460	AR(1) coefficient	-0.7831
Standard error	0.1129	Standard error	0.0839
t-statistic	0.4072	t-statistic	-9.3372
Probability t	0.6854	Durbin-Watson	1.8235

Estimated incremental annual growth rate: 0.184%

H_0: $\mu = 0$, Fail to reject null hypothesis

Forecasted incremental annual growth rate: 0.000%

