

---

To: Regional Planning Committee

From: Heidi Lam, Senior Policy and Planning Analyst, Regional Planning and Housing Services

Date: October 15, 2020 Meeting Date: November 6, 2020

Subject: ***Metro Vancouver 2040: Shaping our Future - 2019 Annual Performance Monitoring Report***

---

### **RECOMMENDATION**

That the MVRD Board receive for information the report dated October 15, 2020, titled “*Metro Vancouver 2040: Shaping our Future - 2019 Annual Performance Monitoring Report*” and forward a copy to the Province of BC’s Ministry of Municipal Affairs and Housing, Local Government Division.

---

### **EXECUTIVE SUMMARY**

The *Local Government Act* and *Metro 2040* require the preparation of an annual report on the regional growth strategy’s progress. The 2019 Annual Performance Monitoring Report provides a summary update on the performance measures with relevant annual change and available data. A complete profile of *Metro 2040* performance measures with a detailed data breakdown is available in the *Metro 2040* Performance Monitoring Dashboard on the Metro Vancouver website. The region is doing well in terms of containing growth within the Urban Containment Boundary as well as directing residential growth to Urban Centres and along the Frequent Transit Network. However, the region is challenged to focus employment growth to these same locations, and is not on track to meet its GHG reduction targets. In addition, attention needs to be paid to the ongoing loss of sensitive ecosystems, primarily in areas within the UCB slated for growth.

### **PURPOSE**

To provide the Regional Planning Committee and MVRD Board the 2019 annual performance monitoring report of the region’s performance toward the goals of *Metro 2040* based on the key summary and context measures in Section G of the regional growth strategy, from plan adoption in 2011 to 2019, and the policy and land use designation amendments to date.

### **BACKGROUND**

*Metro Vancouver 2040: Shaping our Future (Metro 2040)* is the regional federation’s shared vision to guide urban growth among the 23 member jurisdictions comprising the Metro Vancouver Regional District. Annual reporting on the regional growth strategy’s progress is required by Subsection 452(1)(b) of the *Local Government Act* and Section 6.13.3 of *Metro 2040*. The preparation of an annual report is also essential to ensure that the regional growth strategy, its indicators and policies are actively monitored and assessed as the region continues to grow and change. This report provides the 2019 annual performance monitoring report.

**METRO 2040 PERFORMANCE MONITORING**

Metro Vancouver recognizes the important role performance monitoring plays in the implementation of *Metro 2040* and collective decision-making. The *Progress Toward Shaping Our Future* monitoring program provides a framework for discussing *Metro 2040* implementation among Metro Vancouver Board members, member jurisdictions, TransLink, other regional agencies, and the general public. With this process, the MVRD Board reviews and evaluates the state of growth management in the region, progress being made and any issues that may need further attention.

**Performance Monitoring Guideline**

The *Metro 2040* performance-monitoring program consists of 38 performance measures in total. Specifically, there are 15 Key Summary Measures, 11 Strategy Performance Measures and a range of context and participation measures where the role of monitoring is simply to observe, not meet targets. Detailed information on data source and methodology for each performance measure can be found in the *Metro Vancouver 2040: Shaping our Future Performance Monitoring Guideline* (Reference 2).

**Performance Monitoring Dashboard**

To better convey the status of *Metro 2040*'s performance measures and associated information in a clear and easy to understand way, the *Metro 2040* Performance Monitoring Dashboard on the Metro Vancouver website was created (Reference 1). The page replaces the previous large, static *Metro 2040 Progress Toward Shaping Our Future* annual report, and provides a complete profile of *Metro 2040* performance measures that are updated regularly as data becomes available.

The *Metro 2040* Performance Monitoring Dashboard was launched in May 2017. To date, 21,529 unique users have accessed the Dashboard locally and internationally. Over the past year, 8,693 users have accessed the Dashboard; up by 21% compared to the same period in the previous year (see Table 1). The overall utilization of the Dashboard continues to remain strong and consistent.

**Table 1. Web Analytics of the *Metro 2040* Dashboard**

	Launch date to Sep 15, 2020	Sep 16, 2019 to Sep 15, 2020
Dashboard Users	21,529	8,693
National Users Percentage	73%	74%
International Users Percentage	27%	26%
Returning User Percentage	14.2%	15.3%
<b>User Session Totals</b>	<b>32,966</b>	<b>13,052</b>

***Metro 2040* Performance Measures**

Tables 2 to 7 below provide a status highlight on some of the *Metro 2040* performance measures. Detailed information on each performance measure's vision, intent, performance, and data files are available for viewing and download through the *Metro 2040* Performance Monitoring Dashboard.

**Table 2. Performance Measures for Regional Land Use Designations**

Measure	Performance	Status
Total and cumulative change in land by regional land use designation	1,058 ha of land, 0.4% of the regional area changed regional land use designation since 2011. <ul style="list-style-type: none"> <li>• Agricultural: 55,148 ha (net loss of 198 ha)</li> <li>• Conservation &amp; Recreation: 132,676 ha (net gain of 708 ha)</li> <li>• Industrial: 10,205 ha (net gain of 79 ha)</li> <li>• Mixed Employment: 3,372 ha (net loss of 21 ha)</li> <li>• Rural: 8,546 ha (net loss of 26 ha)</li> <li>• General Urban: 70,186 ha (net loss of 537 ha)</li> </ul>	Observing
Total and cumulative change in land within Urban Containment Boundary (UCB)	The land area within the UCB has remained relatively consistent. 2011: 90,400 ha, 32.27% of regional area 2019: 90,568 ha, 32.33% of regional area The UCB expanded by 62.7 ha over the past year as a result of an adopted amendment by the City of Delta.	On track
Total and cumulative change in number and hectares of Urban Centre	There were no changes to Urban Centres in 2019. <ul style="list-style-type: none"> <li>• 1 Metro Core, Downtown Vancouver &amp; Central Broadway (1,907 ha)</li> <li>• 1 Surrey Metro Centre (473 ha)</li> <li>• 5 Regional City Centres (2,981 ha in total)</li> <li>• 19 Municipal Town Centres (2,199 ha in total)</li> </ul> The 26 Urban Centres in the region have a total area of 7,560 ha, or 2.7% of the region's land area.	Observing
Total and cumulative change in number and hectares of Frequent Transit Development Area	There were no added FTDA's in 2019. <ul style="list-style-type: none"> <li>• 16 FTDA's (967 ha in total)</li> </ul>	Observing

**Table 3. Performance Measures for Metro 2040 Goal 1: Create a Compact Urban Area**

Measure	Performance	Status
Percentage of regional dwelling units growth within UCB	99% of growth occurred within the UCB between 2011 and 2019.	On track
Percentage of regional dwelling units growth in UCs	From 2006 to 2016, 40% of the regional dwelling unit growth was within the region's 26 UCs. This growth trend is on track with the regional target of 40%.	On track
Average number of dwelling units per ha within UCs	According to 2016 Census data, an average number of 36.7 dwelling units per hectares within UCs.	Observing

Average number of dwelling units per ha within FTDA	According to 2016 Census data, an average number of 15.8 dwelling units per hectares within FTDA's.	Observing
Net change in number of hectares in Remaining General Urban	<p>'Remaining General Urban Lands' are greenfield lands and/ mostly undeveloped areas within the UCB with a General Urban regional land use designation that are intended for future urban development. These lands are primarily located in Langley Township, Surrey, Maple Ridge, and West Vancouver.</p> <ul style="list-style-type: none"> <li>• 2011: 7,850 ha</li> <li>• 2017: 7,110 ha</li> </ul> <p>Between 2011 and 2017, 740 hectares of the lands were developed with an annual average of 120 hectares.</p>	On track
Number and status of regional sewerage service connection application	In 2019, MVRD Board received 2 requests to extend sanitary service connection beyond the UCB in the City of Delta. Both requests were approved and deemed consistent with the provisions of <i>Metro 2040</i> .	Observing

**Table 4. Performance Measures for *Metro 2040* Goal 2: Support a Sustainable Economy**

Measure	Performance	Status
Percentage of regional employment growth in Urban Centres	From 2006 to 2016, 33% of the regional employment growth was within the region's 26 Urban Centres. This growth trend is not on track with the regional target of 50%.	May not be on track
Employed labour force in retail trade sector in UCs & FTDA's	According to 2016 Census data, 48% of employment in the retail trade sector is located in UCs and FTDA's.	On track
Average number of kilometre travelled to commute region-wide	The region-wide average trip length to work/ post secondary school is 13.1km according to the 2017 TransLink Trip Diary.	Observing
Average number of mins. travelled for commute region-wide	According to 2016 Census data, 50% of the regional employed labour force travelled less than 30 mins for work. 38% travel for 30 to 59 mins and 11% travel for an hour or longer.	Observing
Percentage of residents living and working in the same subregion	According to 2016 Census data, 44% of the regional employed labour force with a usual place of work live and work within the same municipality while 54% work at a different municipality within Metro Vancouver.	Observing

**Table 5. Performance Measures for Metro 2040 Goal 3: Protect the Environment and Respond to Climate Change Impacts**

Measure	Performance	Status
Hectares of land inventoried as sensitive ecosystem (SE) or modified ecosystem (ME)	The 2018 Sensitive Ecosystem Inventory (SEI) study reported a loss of 1,640 hectares of sensitive and modified ecosystems for region from 2009 to 2014. 1,190 ha of the loss was within the regional core area (mostly aligned with UCB). 2009: 177,038 ha of SE/ME 2014: 175,405 ha of SE/ME (net loss of 1633 ha)	May not be on track
Percentage of inventoried SE & ME rated high quality	According to the 2018 SEI study, 84.7% of the identified SE/ME in the region is rated higher quality, but the percentage drops significantly when looking at just the regional core (39.1%).	May not be on track
Number of tools or mechanisms used by Municipal to protect environmental areas	According to the 2015 Climate Change Adaptation Scan and Gap Analysis Report, a total of 199 policies or strategy documents are used to advance climate adaptation efforts region-wide.	Observing
Track the number of pollutant exceedances of regional and national objectives and standards	Using data from the Lower Fraser Valley Air Quality Monitoring Network, Metro Vancouver continues to track air quality trends annually and report out on the number of exceedances of regional air quality objectives.	On track
Tonnes and percentage of regional greenhouse gas (GHG) emissions produced by building and on-road transportation sources	Regional GHG emissions were 14.7 million tonnes in 2019, a 1% reduction from the 2010 baseline. Significant action by all levels of government is needed for Metro Vancouver to achieve its 2030 target (45% below 2010 levels), and become a carbon neutral region by 2050. In 2019, 35% of regional GHG emissions were from on-road transportation and 26% were from buildings.	May not be on track; additional policies being developed as part of <i>Climate 2050</i>
Regional baseline and change projections for relevant climate variables	The 2016 Climate Change Projections for Metro Vancouver study anticipates that Metro Vancouver will have warmer temperatures in all seasons, wetter winters, drier summers, and a significant decrease in snowpack year-round.	Observing

**Table 6. Performance Measures for Metro 2040 Goal 4: Develop Complete Communities**

Measure	Performance	Status
Status of municipal Housing Action Plans	As of October 2020, 15 municipalities have adopted housing action plans. City of Delta and City of White Rock's plans are underway.	On track

Composition of housing stock by type, tenure and cost	<p>New dwelling unit completion by type in 2019</p> <ul style="list-style-type: none"> <li>• Single detached: 4,281</li> <li>• Semi-detached (duplex): 394</li> <li>• Row house: 2,461</li> <li>• Apartment: 15,467</li> </ul> <p>New dwelling unit completion by tenure in 2019</p> <ul style="list-style-type: none"> <li>• Freehold ownership: 3,783</li> <li>• Condominium ownership: 12,509</li> <li>• Rental: 6,311</li> </ul> <p>A total of 22,603 new dwelling units in 2019.</p>	Observing
Percentage of hours with Air Quality Health Index (AQHI) in high and low health risk categories	Air quality was in the low health risk category over 94% of the time in 2018. Compared to 2017 and 2018, the region was not significantly impacted by wildfire smoke from outside the region in 2019.	Observing
Walkability	The Walkability Index study completed in 2019 shows a correlation between higher walkability scores and Metro Vancouver’s UCs and FTDA.	Observing

**Table 7. Performance Measures for Metro 2040 Goal 5: Support Sustainable Transportation Options**

Measure	Performance	Status
Percentage of total trips that are private vehicle based	In comparison to the 2011 Trip Diary, the 2017 Trip Diary shows a clear shift from motorized trips to walking. Trips by automobile driver decreased from 59% to 55%, while walking trips increased from 10% to 14%. Detailed mode share data is available on the <i>Metro 2040</i> dashboard.	On track
Total trips by mode by region and municipality	<p>Percentage of Trips by Mode in 2017:                      55% Auto Driver, 17% Auto Passenger,                      12% Transit, 14% Walk, 2% Bike</p> <p>Percentage of Trips by Mode in 2011:                      59% Auto Driver, 16% Auto Passenger,                      12% Transit, 10% Walk, 2% Bike</p>	On track
Percentage of population living within walking distance of the Frequent Transit Network (FTN)	50.2% of the Metro Vancouver population live within a 5-minute walk to the FTN or a 10-minute walk to a rapid transit station, according to 2016 Census data.	On track
Annual per capita vehicle km travelled (VKT)	According to the 2017 Trip Diary, Maple Ridge, Langley Township and White Rock have the highest total daily VKT per capita in the region at 33.1km, 31.2km and 30.2km. Vancouver and UEL are ranked the lowest at 10.7km and 10.1 km.	Observing
Number of actively insured vehicles	In 2019, Metro Vancouver had approximately 1,296,050 actively insured passenger vehicles.	Observing

Collision statistics including fatalities and injuries	In 2019, Metro Vancouver had approximately 40,659 reported crashes that resulted in casualty.	Observing
--	---	-----------

### **METRO 2040 AMENDMENTS JANUARY 2019 TO AUGUST 2020**

From January 2019 to August 2020, there were three approved amendments to *Metro 2040*:

- Bylaw 1283, 2019 – Land use designation amendment for the MK Delta Lands to amend 62.7 hectares from the Agricultural to the Industrial regional land use designation and an extension of the UCB in the City of Delta;
- Bylaw 1285, 2019 – Incorporate land use designation and overlay map revisions stemming from three MVRD Board accepted RCSs; and
- Bylaw 1295, 2019 – Text amendment to the GHG emission reduction targets to pursue a carbon neutral region by 2050, with an interim target of 45% reduction by 2030.

### **ALTERNATIVES**

This is an information report. No alternatives are presented.

### **FINANCIAL IMPLICATIONS**

Data acquisition and development for performance monitoring is a regular component of the annual Regional Planning budget. As required under Metro Vancouver’s *Regional Growth Strategy Procedures Bylaw No. 1148, 2011*, addressing staffing and other costs related to *Metro 2040* implementation, was provided to the Regional Planning Committee in a separate report, titled “*Metro Vancouver 2040: Shaping our Future – 2019 Procedural Report*”, as part of the Committee’s May 2020 agenda package (Reference 3).

### **SUMMARY / CONCLUSION**

The *Local Government Act* and *Metro 2040* require the preparation of an annual report on the regional growth strategy’s progress. The 2019 Annual Performance Monitoring Report provides a summary update on the performance measures with relevant annual change and available data. A complete profile of *Metro 2040* performance measures with a detailed data breakdown is available in the *Metro 2040* Performance Monitoring Dashboard. Recognizing the important role that performance monitoring plays in the implementation of the regional growth strategy and collective decision-making, Metro Vancouver continues to provide regular updates on the Dashboard as data becomes available.

### **References**

1. [Metro 2040 Performance Monitoring Dashboard](#)
2. [Metro Vancouver 2040: Shaping our Future Performance Monitoring Guideline](#)
3. [Metro Vancouver 2040: Shaping our Future – 2019 Procedural Report](#)

41768430