

CONSOLIDATED FINANCIAL STATEMENTS OF YELLOW PAGES LIMITED

December 31, 2021 and 2020

Table of contents

Independent Auditor's Report	2
Consolidated Statements of Financial Position	6
Consolidated Statements of Income	7
Consolidated Statements of Comprehensive Income	8
Consolidated Statements of Changes in Equity	9-10
Consolidated Statements of Cash Flows	11
Notes to the Consolidated Financial Statements	12-49

INDEPENDENT AUDITOR'S REPORT

To the Shareholders of Yellow Pages Limited

Opinion

We have audited the consolidated financial statements of Yellow Pages Limited (the "Company"), which comprise the consolidated statements of financial position as at December 31, 2021 and 2020, and the consolidated statements of income, comprehensive income, changes in equity and cash flows for the years then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Company as at December 31, 2021 and 2020, and its financial performance and its cash flows for the years then ended in accordance with International Financial Reporting Standards ("IFRS").

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards ("Canadian GAAS"). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Company in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements for the year ended December 31, 2021. These matters were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Recoverability of Deferred Tax Assets — Refer to Notes 3.19.2, 3.21 and 13 to the financial statements

Key Audit Matter Description

The Company recognizes deferred income taxes for tax attributes and differences between the carrying values and tax basis of assets and liabilities at enacted statutory tax rates in effect for the years in which the differences are expected to reverse. The carrying value of deferred income tax assets are reviewed at each reporting date and reduced to the extent it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered in the foreseeable future.

Given the significant estimation uncertainty related to future taxable income and the determination of the probability that the deferred tax asset will be realized, auditing these estimates required a high degree of subjectivity in applying audit procedures and in evaluating the results of those procedures. This resulted in an increased extent of audit effort including the involvement of income tax specialists.

How the Key Audit Matter Was Addressed in the Audit

Our audit procedures related to future taxable income and the determination of the probability that the deferred income tax assets will be realized included the following, among others:

- Evaluated future taxable income by:
 - Evaluating the Company's ability to accurately estimate future taxable income by comparing actual results to the Company's historical estimates.
 - Assessing the reasonability of estimates of future taxable income by evaluating key inputs to the estimates such as revenue and earnings margins against historical performance, projections and trends.
 - Evaluating whether the estimates of future taxable income were consistent with evidence obtained in other areas of the audit.
- With the assistance of income tax specialists, assessed the probability that the deferred income tax assets will be realized by:
 - Assessing the existing temporary differences available for future utilization to evaluate deferred income tax assets available to the Company.

- Assessing the period and sufficiency over which the Company expects to utilize the underlying future tax deductions against future taxable income before they expire.
- Evaluating whether the taxable income in historical periods was of the appropriate character and available under the tax law.

Revenues and Allowance for Revenue Adjustments— Refer to Notes 3.17, 3.21, 5, 16 and 20 to the financial statements

Key Audit Matter Description

The Company's revenues consist of contract-based fees made up of a significant volume of low-dollar value transactions and relate to digital and print revenues. While digital revenues are primarily recognized over the term of the contract from the point at which service is first provided over the life of the contract, revenues from print products are recognized at a point in time upon delivery of the print directories. Further, the Company estimates an allowance for revenue adjustments, which is recorded as a reduction of revenue and reflects an estimate for claims expected from customers. This estimate is based in part on the Company's historical claims experience.

Auditing of revenues and the allowance for revenue adjustments required significant audit effort due to the volume of transactions, the highly manual process associated with portions of the revenue recognition process and the estimation uncertainty inherent to the determination of the allowance. This required a high degree of subjectivity in applying audit procedures and in evaluating the results of those procedures.

How the Key Audit Matter Was Addressed in the Audit

Our audit procedures related to revenues and the estimate related to the allowance for revenue adjustments included the following, among others:

- Evaluated revenues by:
 - Testing the mathematical accuracy of the Company's revenue recognition that is reliant upon manual processes.
 - Assessing the customer contracts and fulfillment of service for a selection of revenue transactions and evaluating whether the contracts were properly recognized into revenues based on the terms and conditions of each contract.
 - Analyzing revenue recorded by comparing actuals to independently developed expectations.
 - Inspecting evidence from a combination of sources, where necessary, assessing considerations for contradictory evidence and evaluating whether revenue was appropriately recognized.
- Evaluated the allowance for revenue adjustments by:
 - Assessing the methodologies used by the Company to estimate the allowance for revenue adjustments by understanding the processes adopted to monitor and manage claims and collections, testing the mathematical accuracy of this calculation and testing the data used to establish this estimate.
 - Assessing the Company's ability to accurately estimate the allowance for revenue adjustments by comparing actual results to the Company's historical estimates. For a selection of historical customer claims, assessed claims to credits issued, debits recorded to revenue, the original contract, correspondence between the customer and the sales representative, and other supporting documents.

Other Information

Management is responsible for the other information. The other information comprises:

- Management's Discussion and Analysis; and
- The information, other than the financial statements and our auditor's report thereon, in the Annual Report.

Our opinion on the financial statements does not cover the other information and we do not and will not express any form of assurance conclusion thereon. In connection with our audit of the financial statements, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

We obtained Management's Discussion and Analysis prior to the date of this auditor's report. If, based on the work we have performed on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact in this auditor's report. We have nothing to report in this regard.

The Annual Report is expected to be made available to us after the date of the auditor's report. If, based on the work we will perform on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact to those charged with governance.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with IFRS, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian GAAS will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian GAAS, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Company to express an opinion on the financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partner on the audit resulting in this independent auditor's report is Gianmarco Lombardi.

(signed) Deloitte LLP¹

Montréal, Québec
February 9, 2022

¹ CPA auditor, CA, public accountancy permit No. A125494

Consolidated Statements of Financial Position

(in thousands of Canadian dollars)

As at	December 31, 2021	December 31, 2020
ASSETS		
CURRENT ASSETS		
Cash	\$ 123,559	\$ 153,492
Trade and other receivables (Notes 5 and 20)	42,267	62,896
Prepaid expenses	4,137	4,826
Deferred publication costs	1,945	2,115
Net investment in subleases (Note 6)	1,485	1,206
TOTAL CURRENT ASSETS	173,393	224,535
NON-CURRENT ASSETS		
Deferred commissions	1,959	1,921
Financial and other assets (Note 20)	1,671	4,009
Right-of-use assets (Note 6)	9,752	11,081
Net investment in subleases (Note 6)	25,189	25,609
Property and equipment (Note 7)	5,249	6,609
Intangible assets (Note 8)	58,747	70,700
Deferred income taxes (Note 13)	29,269	21,915
TOTAL NON-CURRENT ASSETS	131,836	141,844
TOTAL ASSETS	\$ 305,229	\$ 366,379
LIABILITIES AND EQUITY		
CURRENT LIABILITIES		
Trade and other payables (Note 9)	\$ 34,931	\$ 33,522
Income taxes payable	5,305	–
Provisions (Note 10)	21,090	22,076
Deferred revenues (Note 5)	1,622	1,496
Current portion of lease obligations (Note 6)	2,940	3,011
TOTAL CURRENT LIABILITIES	65,888	60,105
NON-CURRENT LIABILITIES		
Provisions (Note 10)	1,051	986
Post-employment benefits (Note 11)	75,220	125,009
Lease obligations (Note 6)	46,939	49,863
Exchangeable debentures (Note 12)	–	101,115
TOTAL NON-CURRENT LIABILITIES	123,210	276,973
TOTAL LIABILITIES	189,098	337,078
CAPITAL AND RESERVES	6,498,894	6,555,780
DEFICIT	(6,382,763)	(6,526,479)
TOTAL EQUITY	116,131	29,301
TOTAL LIABILITIES AND EQUITY	\$ 305,229	\$ 366,379

The accompanying notes are an integral part of these consolidated financial statements.

Consolidated Statements of Income

(in thousands of Canadian dollars, except share and per share information)

For the years ended December 31,	2021	2020
Revenues (Note 16)	\$ 287,646	\$ 333,538
Operating costs (Note 15)	185,646	204,096
Income from operations before depreciation and amortization, and restructuring and other charges	102,000	129,442
Depreciation and amortization (Notes 6,7 and 8)	19,635	27,664
Restructuring and other charges (Note 10)	5,344	8,131
Income from operations	77,021	93,647
Financial charges, net (Note 18)	9,343	14,512
Loss on early repayment of debt (Note 12)	7,764	–
Loss on sale of businesses (Note 4)	–	423
Earnings before income taxes	59,914	78,712
(Recovery of) provision for income taxes (Note 13)	(10,721)	18,414
Net earnings	\$ 70,635	\$ 60,298
Basic earnings per share	\$ 2.68	\$ 2.27
Weighted average shares outstanding – basic earnings per share (Note 14)	26,337,343	26,602,728
Diluted earnings per share	\$ 2.64	\$ 2.10
Weighted average shares outstanding – diluted earnings per share (Note 14)	26,722,245	32,558,101

The accompanying notes are an integral part of these consolidated financial statements.

Consolidated Statements of Comprehensive Income

(in thousands of Canadian dollars)

For the years ended December 31,	2021	2020
Net earnings	\$ 70,635	\$ 60,298
Other comprehensive income:		
Items that will not be reclassified subsequently to net earnings		
Actuarial gains (losses) (Note 11)	45,506	(1,931)
Income taxes relating to items that will not be reclassified subsequently to net earnings	(12,014)	512
Other comprehensive income (loss)	33,492	(1,419)
Total comprehensive income	\$ 104,127	\$ 58,879

The accompanying notes are an integral part of these consolidated financial statements.

Consolidated Statements of Changes in Equity

(in thousands of Canadian dollars)

For the years ended December 31,

	2021								
	Shareholders' capital (Note 14)	Restricted shares	Warrants	Compound financial instruments	Stock-based compensation and other reserves	Reduction of capital reserve	Total capital and reserves	Deficit	Total equity
Balance, December 31, 2020	\$ 3,992,754	\$ (19,318)	\$ 1,456	\$ 3,617	\$ 120,218	\$ 2,457,053	\$ 6,555,780	\$ (6,526,479)	\$ 29,301
Other comprehensive income	-	-	-	-	-	-	-	33,492	33,492
Net earnings	-	-	-	-	-	-	-	70,635	70,635
Total comprehensive income	-	-	-	-	-	-	-	104,127	104,127
Repayment of exchangeable debentures (Note 12)	-	-	-	(3,617)	-	-	(3,617)	4,946	1,329
Repurchase of common shares	(54,771)	-	-	-	-	-	(54,771)	49,437	(5,334)
Shares issued under the stock option plan (Note 17)	141	-	-	-	(30)	-	111	-	111
Dividends to shareholders (Note 14)	-	-	-	-	64	-	64	(14,794)	(14,730)
Restricted shares settled	-	630	-	-	(566)	-	64	-	64
Restricted shares (Note 17)	-	-	-	-	297	-	297	-	297
Stock options (Note 17)	-	-	-	-	623	-	623	-	623
Common shares subject to repurchase (Note 14)	-	-	-	-	343	-	343	-	343
Balance, December 31, 2021	\$ 3,938,124	\$ (18,688)	\$ 1,456	\$ -	\$ 120,949	\$ 2,457,053	\$ 6,498,894	\$ (6,382,763)	\$ 116,131

	Shareholders' capital (Note 14)	Restricted shares	Warrants	Compound financial instruments ¹	Stock-based compensation and other reserves	Reduction of capital reserve	Total capital and reserves	Deficit	Total equity
Balance, December 31, 2019	\$ 4,031,685	\$ (21,421)	\$ 1,456	\$ 3,619	\$ 123,410	\$ 2,457,053	\$ 6,595,802	\$ (6,612,462)	\$ (16,660)
Other comprehensive loss	–	–	–	–	–	–	–	(1,419)	(1,419)
Net earnings	–	–	–	–	–	–	–	60,298	60,298
Total comprehensive income	–	–	–	–	–	–	–	58,879	58,879
Repurchase of exchangeable debentures (Note 12)	–	–	–	(2)	–	–	(2)	–	(2)
Repurchase of common shares	(39,231)	–	–	–	–	–	(39,231)	35,954	(3,277)
Shares issued under the stock option plan (Note 17)	300	–	–	–	(77)	–	223	–	223
Dividends to shareholders (Note 14)	–	–	–	–	42	–	42	(8,850)	(8,808)
Restricted shares settled	–	2,103	–	–	(2,103)	–	–	–	–
Restricted shares (Note 17)	–	–	–	–	(642)	–	(642)	–	(642)
Stock options (Note 17)	–	–	–	–	567	–	567	–	567
Common shares subject to repurchase (Note 14)	–	–	–	–	(979)	–	(979)	–	(979)
Balance, December 31, 2020	\$ 3,992,754	\$ (19,318)	\$ 1,456	\$ 3,617	\$ 120,218	\$ 2,457,053	\$ 6,555,780	\$ (6,526,479)	\$ 29,301

¹ The equity component of the exchangeable debentures presented above is net of income taxes of \$1.3 million.

The accompanying notes are an integral part of these consolidated financial statements.

Consolidated Statements of Cash Flows

(in thousands of Canadian dollars)

For the years ended December 31,	2021	2020
OPERATING ACTIVITIES		
Net earnings	\$ 70,635	\$ 60,298
Adjusting items		
Stock-based compensation expense (recovery) – equity settled	920	(75)
Depreciation and amortization	19,635	27,664
Restructuring and other charges	5,344	8,131
Financial charges, net	9,343	14,512
Loss on early repayment of debt (Note 12)	7,764	–
Loss on sale of businesses (Note 4)	–	423
(Recovery of) provision for income taxes	(10,721)	18,414
Change in operating assets and liabilities	21,743	21,535
Funding of post-employment benefit plans in excess of costs	(7,523)	(3,364)
Restructuring and other charges paid (Note 10)	(5,987)	(10,038)
Interest paid	(6,574)	(10,762)
Income taxes received, net	–	260
	104,579	126,998
INVESTING ACTIVITIES		
Additions to intangible assets	(4,957)	(5,328)
Additions to property and equipment	(117)	(245)
Payments received from net investment in subleases, net of commissions	593	1,002
Proceeds on sale of businesses (Note 4)	–	1,564
	(4,481)	(3,007)
FINANCING ACTIVITIES		
Repayment of exchangeable debentures (Note 12)	(107,033)	(56)
Repurchase of common shares (Note 14)	(5,334)	(3,277)
Issuance of common shares (Note 14)	111	223
Payment of lease obligations (Note 6)	(3,045)	(2,989)
Dividends paid (Note 14)	(14,730)	(8,808)
	(130,031)	(14,907)
NET (DECREASE) INCREASE IN CASH	(29,933)	109,084
CASH, BEGINNING OF YEAR	153,492	44,408
CASH, END OF YEAR	\$ 123,559	\$ 153,492

The accompanying notes are an integral part of these consolidated financial statements.

1. Description

Yellow Pages Limited, through its subsidiaries, offers local and national businesses access to digital and print media and marketing solutions to reach consumers in all the provinces and territories of Canada. References herein to Yellow Pages Limited (or the “Company”) represent the financial position, financial performance, cash flows and disclosures of Yellow Pages Limited and its subsidiaries on a consolidated basis.

Yellow Pages Limited’s registered head office is located at 1751 Rue Richardson, Montreal, Québec, Canada, H3K 1G6 and the common shares of Yellow Pages Limited are listed on the Toronto Stock Exchange (“TSX”) under the symbol “Y”.

The Board of Directors (the “Board”) approved the consolidated financial statements for the years ended December 31, 2021 and 2020 on February 9, 2022 for publication on February 10, 2022.

2. Basis of presentation and significant accounting policies

2.1 Standards, interpretations and amendments to published standards that are issued but not yet effective on the consolidated financial statements

Amendments to IAS 37 - Provisions, Contingent Liabilities and Contingent Assets

On May 14, 2020, the International Accounting Standards Board (IASB) issued amendments to IAS 37 – *Provisions, Contingent Liabilities, and Contingent Assets*, specifying which costs a company should include as the cost of fulfilling a contract when assessing whether a contract is onerous. The amendments to IAS 37, clarify that for the purpose of assessing whether a contract is onerous, the cost of fulfilling the contract includes both the incremental costs of fulfilling that contract and an allocation of other costs that relate directly to fulfilling contracts. The amendments are effective for contracts for which an entity has not yet fulfilled all its obligations on or after January 1, 2022. Earlier application is permitted. The Company is assessing the impact of adopting these amendments on its financial statements.

Amendments to IAS 8 – Accounting Policies, Changes in Accounting Estimates and Errors

On February 12, 2021, the IASB, issued amendments to IAS 8, these amendments introduce the definition of an accounting estimate and include other amendments to IAS 8 to help entities distinguish changes in accounting estimates from changes in accounting policies. The amendments are effective for annual periods beginning on or after January 1, 2023 and changes in accounting policies and changes in accounting estimates that occur on or after the start of that period. Earlier application is permitted. The Company is assessing the impact of adopting these amendments on its financial statements.

Amendments to IFRS 3 – Business Combinations

These amendments to the implementation guidance of IFRS 3 clarify the definition of a business to assist entities to determine whether a transaction should be accounted for as a business combination or an asset acquisition. The amendments are effective for annual reporting periods beginning on or after January 1, 2022. These amendments may have an impact on the accounting of future business combinations, if any.

Amendments to IAS 1 - Presentation of Financial Statements

The amendments to IAS 1 provide a more general approach to the classification of liabilities based on the contractual arrangements in place at the reporting date. The amendments clarify that the classification of liabilities as current or non-current should be based on rights that are in existence at the end of the reporting period and align the wording in all affected paragraphs to refer to the right to defer settlement by at least twelve months and make explicit that only rights in place at the end of the reporting period should affect the classification of a liability. The amendments are effective for annual reporting periods beginning on or after January 1, 2023 and are to be applied retrospectively. The Company is assessing the impact of adopting these amendments on its financial statements.

Amendments to IAS 12 – Income taxes

On May 7, 2021, IASB published Deferred Tax related to Assets and Liabilities arising from a Single Transaction. The amendments clarify the accounting for deferred tax on transactions that, on initial recognition, give rise to equal taxable and deductible temporary differences. The amendments are effective for annual reporting periods beginning on or after January 1, 2023. Early adoption is permitted. The Company is assessing the impact of adopting these amendments on its financial statements.

3. Basis of presentation and significant accounting policies

3.1 Statement of compliance

These consolidated financial statements of Yellow Pages Limited and its subsidiaries were prepared by management in accordance with International Financial Reporting Standards (IFRS). These financial statements have been prepared in accordance with the following significant accounting policies that have been applied consistently to all periods presented throughout the consolidated entities.

3.2 Basis of measurement

The consolidated financial statements have been prepared on the historical cost basis except for the revaluation of certain assets and liabilities (including derivative instruments) at fair value as explained in the policies below.

3.3 Functional and presentation currency

The consolidated financial statements are presented in Canadian dollars, which is the functional and presentation currency of Yellow Pages Limited.

3.4 Basis of consolidation

3.4.1 Subsidiaries

Subsidiaries that are directly controlled by Yellow Pages Limited or indirectly controlled through other consolidated subsidiaries are fully consolidated. Subsidiaries are all entities over which Yellow Pages Limited exercises control.

Subsidiaries are fully consolidated from the effective date of acquisition up to the effective date of disposal. Intercompany assets, liabilities, and transactions between fully consolidated companies are eliminated. Gains and losses on internal transactions with controlled companies are fully eliminated. Accounting policies and methods are modified where necessary to ensure consistency of accounting treatment at the Yellow Pages Limited level.

3.4.2 Business combinations

Acquisitions of subsidiaries and businesses are accounted for using the acquisition method. The cost of the acquisition is measured at the aggregate of the fair values, at the date of exchange, of assets given, liabilities incurred or assumed, and equity instruments issued by Yellow Pages Limited in exchange for control of the acquired entity. Transaction costs associated with business acquisitions are recognized in the statement of income, as incurred.

3.5 Cash

3.5.1 Cash

Cash consists of funds on deposit and, from time to time, highly liquid investments with a purchased maturity of three months or less.

3.6 Financial instruments

Financial assets and financial liabilities are recognized in the Company's statement of financial position when the Company becomes a party to the contractual provisions of the instrument.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognized immediately in profit or loss.

3.6.1 Financial assets

Initial recognition and measurement

Financial assets are classified into the following specified categories: “amortized cost”; “fair value through other comprehensive income for equity investment” (“FVOCI – equity investment”); and “fair value through profit or loss” (“FVTPL”).

The classification of financial assets at initial recognition depends on the financial asset’s contractual cash flow characteristics and the Company’s business model for managing them.

The Company’s business model for managing financial assets refers to how it manages its financial assets in order to generate cash flows. The business model determines whether cash flows will result from collecting contractual cash flows, selling the financial assets, or both.

Subsequent measurement

Financial asset at amortized cost

The Company measures financial assets at amortized cost if both of the following conditions are met:

- The financial asset is held within a business model with the objective to hold financial assets in order to collect contractual cash flows; and
- The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Financial assets at amortized cost are subsequently measured using the effective interest rate (“EIR”) method and are subject to impairment. Gains and losses are recognized in profit or loss when the asset is derecognized, modified or impaired.

The Company’s financial assets at amortized cost include trade and other receivables, net investment in subleases, and cash.

Financial assets at fair value through other comprehensive income for equity investment (“FVOCI – equity investment”)

Upon initial recognition, the Company can elect to classify irrevocably its equity investments as equity instruments designated at FVOCI when they meet the definition of equity under IAS 32 – *Financial Instruments: Presentation* and are not held for trading. The classification is determined on an instrument-by-instrument basis.

Gains and losses on these financial assets are never recycled to profit or loss. Dividends are recognized as other income in the statement of profit or loss when the right of payment has been established, except when the Company benefits from such proceeds as a recovery of part of the cost of the financial asset, in which case, such gains are recorded in OCI.

Financial asset at fair value through profit or loss (“FVTPL”)

Financial assets at FVTPL include financial assets held for trading, financial assets designated upon initial recognition at fair value through profit or loss, or financial assets mandatorily required to be measured at fair value. Financial assets are classified as held for trading if they are acquired for the purpose of selling or repurchasing in the near term. Derivatives, including separated embedded derivatives, are also classified as held for trading unless they are designated as effective hedging instruments. Financial assets with cash flows that are not solely payments of principal and interest are classified and measured at fair value through profit or loss, irrespective of the business model. Financial assets at FVTPL are carried in the statement of financial position at fair value with net changes in fair value recognized in the statement of profit or loss.

The Company has a loan receivable associated with a forward contract under this category. The loan receivable is included in other receivables.

An embedded derivative is a component of a hybrid contract that also includes a non-derivative host – with the effect that some of the cash flows of the combined instrument vary in a way similar to a stand-alone derivative. A derivative embedded in a hybrid contract, with a financial liability or non-financial host, is separated from the host and accounted for as a separate derivative if it is separated from the host when certain conditions are met and accounted for as a separate derivative. Embedded derivatives are measured at fair value with changes in fair value recognized in profit or loss.

Derecognition

The Company derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another party.

There is no reclassification on derecognition of equity investments at FVOCI.

Impairment of financial assets

In relation to the impairment of financial assets, IFRS 9 requires an expected credit loss (“ECL”) model. The ECL model requires the Company to account for the ECL and changes in the ECL at each reporting date to reflect changes in credit risk since initial recognition of the financial assets. For trade receivables (including contract assets), the Company applied the simplified approach permitted under IFRS 9, which requires lifetime ECL to be recognized from initial recognition. While cash and other receivables and net investment in subleases are also subject to the impairment requirements under IFRS 9, the identified ECL was insignificant. The lifetime ECL related to doubtful accounts for trade receivables (also referred to as allowance for doubtful accounts) is established based on various factors, including amongst others the age of the exposure and in some case the customer’s solvency.

At each reporting date, the Company assesses whether financial assets are credit impaired. The Company will consider a financial asset to be in default when the indebted party is unlikely to pay its obligations to the Company in full, without recourse by the Company to actions such as realizing security (if any). The Company elected to consider that default does not occur when a financial asset is 90 days past due as the Company has reasonable and supportable information to demonstrate that a more lagging default criterion is more appropriate and that default risk is not necessarily increased. In assessing whether an indebted party is in default, the Company will consider indicators that are qualitative (e.g. breach of conditions), quantitative (e.g. overdue status), and data developed internally and obtained from external sources. Inputs into the assessment of whether a financial asset is in default and their significance may vary over time to reflect circumstances. The same factors are considered when determining whether to write-off amounts charged to the ECL allowance for trade receivables against the customer accounts receivable. The assessment of the probability of default and loss given default is based on historical data adjusted for current customer circumstances. No customer accounts receivable is written-off directly to the bad debt expense.

3.6.2 Financial liabilities

Initial recognition and measurement

Financial liabilities are classified, at initial recognition, as financial liabilities designated at fair value through profit or loss (“FVTPL”), loans and borrowings, payables, or as derivatives designated as hedging instruments in an effective hedge, as appropriate. All financial liabilities are recognized initially at fair value and, in the case of loans and borrowings and payables, at fair value less transaction costs.

The Company’s financial liabilities include trade and other payables and lease obligations.

Yellow Pages Limited recognizes all financial liabilities, specifically exchangeable debentures, and trade and other payables, initially at fair value less transaction costs and subsequently at amortized cost, using the effective interest method.

Subsequent measurement

The measurement of financial liabilities depends on their classification, as described below:

Loans and borrowings

After initial recognition, interest-bearing loans and borrowings are subsequently measured at amortized cost using the EIR method. Gains and losses are recognized in profit or loss when the liabilities are derecognized as well as through the EIR amortization process. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included as finance charges in the statement of profit or loss. This category applied to exchangeable debentures.

Derecognition

The Company derecognizes financial liabilities when, and only when, the Company’s obligations are discharged, cancelled or have expired. The difference between the carrying amount of the financial liability derecognized and the consideration paid and payable is recognized in profit or loss.

3.7 Deferred publication costs

Deferred publication costs are recognized for direct and incremental publication costs incurred during the sale, manufacturing and distribution of telephone print directories as well as the sale, provisioning and fulfillment of digital products and services. The intangible asset represents costs that will be recovered in future periods, when the related directories revenues, digital products and services revenues are recognized. An asset is capitalized when the following conditions are met:

- Yellow Pages Limited has control over the contract for which the costs were incurred;
- The control results from past events;
- Future economic benefits are expected to flow to Yellow Pages Limited; and
- The asset is identifiable, non-monetary and without physical substance.

Deferred publication costs are initially measured at cost and are recognized in operating costs upon delivery of the publication or fulfillment of the digital products and services.

3.8 Deferred commissions

Deferred commissions paid represent costs to obtain new sales contracts. These costs are amortized on a straight-line basis over a two-year period as this reflects the expected period of benefit. The Company recognizes as an expense, the commissions paid for contract renewals with revenue recognized within one year or less.

3.9 Property and equipment

Property and equipment are recognized at cost less accumulated depreciation and impairment losses. The various components of property and equipment are depreciated separately based on their estimated useful lives and therefore, their depreciation periods are significantly different. The cost of an asset includes the expenses that are directly attributable to its acquisition.

Subsequent costs are included in the carrying value of the asset or recognized as a separate component, where necessary, if it is probable that future economic benefits will flow to Yellow Pages Limited and the cost of the asset can be reliably measured. All other repair and maintenance costs are expensed in the year they are incurred. Depreciation is calculated using the straight-line method, based on the capitalized costs, less any residual value over a period corresponding to the useful life of each asset.

As at December 31, 2021, the expected useful lives are as follows:

Office equipment	10 years
Computer equipment	3 years
Leasehold improvements	Shorter of term of lease or useful life

The residual value, the depreciation method and the useful life of an asset are reviewed at a minimum annually. Property and equipment are tested for impairment when an indication of impairment exists. When the asset's recoverable amount is less than its net carrying value, an impairment loss is recognized. Where an individual asset does not generate independent cash inflows, Yellow Pages Limited determines the recoverable amount of the cash generating units ("CGUs") or group of CGUs to which the asset belongs.

3.10 Leases

At inception of a contract, the Company assesses whether a contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Company assesses whether:

- The contract involves the use of an identified asset;
- The Company has the right to obtain substantially all of the economic benefits from use of the asset throughout the period of use; and
- The Company has the right to direct the use of the asset.

At inception, the Company allocates the consideration in the contract to each lease component on the basis of the relative stand-alone prices.

3.10.1 As a lessee

The Company recognizes a right-of-use asset and a lease obligation at the lease commencement date. The right-of-use asset is initially measured at cost, which comprises the initial amount of the lease obligation adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of costs to dismantle and remove the underlying asset or to restore the underlying asset or the site on which it is located, less any lease incentives received.

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. The estimated useful lives of right-of-use assets are determined on the same basis as those of property and equipment. In addition, the right-of-use asset is periodically reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease obligation. Right-of-use assets are tested for impairment in accordance with IAS 36 – *Impairment of Assets*, and impairments are recorded in restructuring and other charges on the consolidated statements of income.

The lease obligation is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the Company's incremental borrowing rate. Generally, the Company uses its incremental borrowing rate ("IBR") as the discount rate.

The lease obligation is subsequently measured at amortized cost using the effective interest method (EIR) and is adjusted for accrued interest and lease payments when there is a change in future lease payments arising from a change in an index or rate. It is remeasured if there is a change in the Company's estimate of the amount expected to be payable under a residual value guarantee, if there are modifications to the lease conditions such as a change of square footage of a lease, or if the Company changes its assessment of whether it will exercise a purchase, extension or termination option.

When the lease obligation is remeasured in this way, a corresponding adjustment is made to the carrying amount of the right-of-use asset, or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

For short-term leases (lease term of 12 months or less) and leases of low-value assets, as permitted, the Company has opted to recognize a lease expense on a straight-line basis. This expense is presented within Operating Costs in the consolidated statements of income. The amounts related to these low value leases are insignificant.

3.10.2 As a lessor

When the Company acts as a lessor, it determines at lease commencement whether each lease is a finance lease or an operating lease.

To classify each lease, the Company makes an overall assessment of whether the lease transfers to the lessee substantially all of the risks and rewards of ownership incidental to ownership of the underlying asset. If this is the case, then the lease is a finance lease; if not, then it is an operating lease. As part of this assessment, the Company considers certain indicators such as whether the lease is for the major part of the economic life of the asset.

The Company assessed and classified its subleases as finance leases, and therefore derecognized the right-of-use assets relating to the respective head leases being sublet, recognized lease receivables equal to the net investment in the subleases, retained the previously recognized lease obligations in its capacity as lessee, recognized the related interest expense thereafter and recognized interest income on the subleases receivable in its capacity as finance lessor.

3.11 Intangibles assets

Intangible assets acquired through a business combination are identified and recognized separately from goodwill where they arise from legal or contractual rights or are capable of being separated from the acquiree and sold, transferred, licensed or exchanged. The cost of such intangible assets is deemed to be their fair value at the acquisition date. Intangible assets not acquired through a business combination are reported at cost less accumulated amortization and accumulated impairment losses.

Internally-generated intangible assets, consisting of software used by the Company, are recognized to the extent the criteria in IAS 38 – *Intangible Assets* are met. Development costs for internally-generated intangible assets are capitalized at cost if, and only if, Yellow Pages Limited can demonstrate:

- the technical feasibility of completing the asset so that it will be available for use or sale;
- the intention to complete the intangible asset and use or sell it;
- the ability to use or sell the intangible asset;
- how the intangible asset will generate probable future economic benefits;
- the availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and

- the ability to measure reliably the expenditure attributable to the intangible asset during its development.

The amount initially recognized for internally-generated intangible assets is the sum of the expenditures incurred from the date when the intangible asset first meets the recognition criteria listed above. Where no internally-generated intangible asset can be recognized, development expenditures are charged to the statement of income in the period in which they are incurred.

Internally-generated intangible assets include the cost of software tools and licenses used in the development of Yellow Pages Limited's systems, as well as all directly attributable payroll and consulting costs. These items are not amortized until the assets are available for use.

Following initial recognition, intangible assets are carried at cost less any accumulated amortization and any accumulated impairment loss. Intangibles assets are amortized, as follows:

Non-competition agreements	Straight-line over shorter of 7 years or life of agreement
Customer-related intangible assets	Straight-line over a period not exceeding 3 years
Trademarks	Straight-line over 10 years
Domain names	Straight-line over 4 – 12 years
Software	Straight-line over 3 years

The estimated useful life and amortization method are reviewed at the end of each reporting period or annual reporting period, with the effect of any changes in estimate being accounted for on a prospective basis.

An intangible asset is de-recognized on disposal, or when no future economic benefits are expected from use or disposal. Gains or losses arising from the de-recognition of an intangible asset, measured as the difference between the net disposal proceeds or fair value, as applicable, and the carrying value of the asset, are recognized in the statement of income when the asset is de-recognized.

3.12 Impairment of tangible and intangible assets

At each reporting date, Yellow Pages Limited determines whether there are any indications that the carrying values of its finite life tangible and intangible assets are impaired. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss, if any. Where it is not possible to estimate the recoverable amount of an individual asset, Yellow Pages Limited estimates the recoverable amount of the CGU or group of CGUs to which the asset belongs. A CGU is the smallest identifiable group of assets that generate cash inflows that are independent of those from other assets.

Intangible assets with indefinite useful lives, intangible assets not yet available for use and goodwill, if any, are tested for impairment annually, and whenever there is an indication that the asset may be impaired. A majority of the Company's intangible assets do not have cash inflows independent of those from other assets and as such, are tested within their respective CGUs.

The recoverable amount is the higher of fair value less costs of disposal and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset (or CGU) for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or CGU) is estimated to be less than its carrying value, the carrying value of the asset (or CGU) is reduced to its recoverable amount. An impairment loss is recognized immediately in the statement of income.

If the recoverable amount of a CGU or group of CGUs is less than the carrying amount, the impairment loss is allocated first to reduce the carrying amount of goodwill, if any, and then to the other assets of the unit pro-rata on the basis of the carrying amount of each asset in the unit. The Company does not reduce the carrying value of an asset below the highest of its fair value less costs of disposal and its value in use.

3.13 Trade and other payables

Trade and other payables, including accruals, are recorded when Yellow Pages Limited is required to make future payments as a result of purchases of assets or services. Trade and other payables are carried at amortized cost.

3.14 Provisions

Provisions are recognized when Yellow Pages Limited has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at the reporting date, taking into account the risks and uncertainties surrounding the obligation. Provisions are measured at the present value of the expenditures expected to be required to settle the obligation using a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the obligation. The increase in the provision due to passage of time is recognized as a financial charge. Provisions are reversed when new external factors, such as market conditions, or internal factors indicates that the recoverable amount is higher or lower than originally anticipated.

3.14.1 Onerous contracts

Present obligations arising under onerous contracts are recognized and measured as provisions. An onerous contract is considered to exist where Yellow Pages Limited has a contract under which the unavoidable costs of meeting the obligations under the contract exceed the economic benefits expected to be received under it.

3.14.2 Restructuring

A restructuring provision is recognized when Yellow Pages Limited has developed a detailed formal plan for the restructuring and has raised a valid expectation in those affected that it will carry out the restructuring by starting to implement the plan or announcing its main features to those affected by it. The measurement of a restructuring provision includes only the direct expenditures arising from the restructuring, which are those amounts that are both necessarily entailed by the restructuring and not associated with the ongoing activities of the entity.

3.15 Employee benefits

3.15.1 Defined contribution plans

A defined contribution plan is a post-employment benefit plan under which an entity pays fixed contributions into a separate entity and will have no legal or constructive obligation to pay further amounts. Obligations for contributions to defined contribution pension plans are recognized as an employee benefit expense in the statement of income when they are due. Prepaid contributions are recognized as an asset to the extent that a cash refund or a reduction in future payments is available.

3.15.2 Defined benefit plans

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. Yellow Pages Limited's net obligation in respect of defined benefit pension plans is calculated separately for each plan by estimating the amount of future benefits that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value. The fair value of any plan assets is deducted from the obligation. The discount rate is the yield at the reporting date on high-quality corporate bonds that have terms to maturity approximating to the terms of the related pension liability adjusted for a spread to reflect any additional credit risk and that are denominated in the currency in which the benefits are expected to be paid. The calculation is performed annually by a qualified actuary using the projected benefit method prorated on service.

Yellow Pages Limited recognizes all actuarial gains and losses arising subsequently from defined benefit plans in OCI. Re-measurement, comprising actuarial gains and losses, the effects of changes to the asset ceiling, if applicable, and the return on plan assets, excluding net interest on the defined benefit obligation, is reflected immediately in the statement of financial position with a charge or credit recognized in OCI. Re-measurement recognized in OCI is reflected immediately in retained earnings and will not be classified to the statement of income. Past service costs are recognized in the statement of income in the period a plan amendment is announced to employees. The net interest amount, which is calculated by applying the discount rate to the net defined liability or asset of defined benefit plans, is included within net financial charges while service costs are recorded in operating expenses.

3.15.3 Other long-term employee benefits

Yellow Pages Limited's net obligation in respect of long-term employee benefits other than pension plans is the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value, and the fair value of any related asset is deducted. The discount rate is the yield at the reporting date on high quality corporate bonds that have terms to maturity approximating the terms of the related obligation. The calculation is performed using the projected unit credit method. Any actuarial gains or losses are recognized in the period in which they arise.

3.15.4 Termination benefits

Termination benefits are recognized as an expense when Yellow Pages Limited can no longer withdraw the offer of those benefits, or if earlier, when there is no realistic possibility of withdrawal from a formal detailed plan to either terminate employment before the normal retirement date, or from providing termination benefits as a result of an offer made to encourage voluntary redundancy. Termination benefits for voluntary redundancies are recognized as an expense if Yellow Pages Limited has made an offer of voluntary redundancy, it is probable that the offer will be accepted, and the number of acceptances can be estimated reliably.

3.15.5 Short-term benefits

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed as the related service is provided.

A liability is recognized for the amount expected to be paid if Yellow Pages Limited has a present legal or constructive obligation to pay this amount as a result of a past service provided by the employee and the obligation can be estimated reliably.

3.15.6 Share-based payments

Yellow Pages Limited's restricted share units (RSUs), performance share units (PSUs), deferred share units (DSUs), stock options and share appreciated rights granted to employees and directors are measured at the fair value of the equity instruments at the grant date.

RSUs, PSUs and DSUs and Stock options

The RSUs, PSUs, DSUs and stock options, granted may be settled in cash or equity at the Company's option. If the RSU and PSU plan is funded, eligible employees will receive, upon vesting of the instruments, common shares. The funded portion of these plans is treated as equity-settled instruments and recorded accordingly in equity and operating costs over the vesting period. In the event these plans are unfunded, Yellow Pages Limited will pay to the eligible employees and directors, upon vesting of the instruments, an amount in cash. The fair value determined at the grant date of the equity-settled instruments is expensed on a straight-line basis over the vesting period, based on Yellow Pages Limited's estimate of RSUs, PSUs and DSUs expected to vest. Additional RSUs, PSUs and DSUs are issued to reflect the dividends declared on common shares.

The unfunded portion of these plans is treated as cash-settled instruments and recorded as a liability. In addition, certain of the Company's stock options and RSUs will be settled in cash based on contractual conditions. These stock options and RSUs are recorded as a liability, which is re-measured at fair value at each reporting period with any changes recorded in operating costs.

At each reporting period, Yellow Pages Limited revises its estimate of the number of share-based instruments expected to vest. The impact of the revision of the original estimate, if any, is recognized in the statement of income, with a corresponding adjustment to the reserve or corresponding liability.

Share appreciation rights

The share appreciation rights are settled in cash and recorded accordingly as a liability. For share appreciation rights granted, Yellow Pages Limited recognizes compensation expense in Operating costs in the income statements, equal to the market value of the Company's common share at the date of grant, recognized over the term of the vesting period, with a corresponding credit to liability. At each reporting period, the liability is re-measured at fair value with any changes recorded in operating costs.

3.16 Equity instruments issued

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued by Yellow Pages Limited are recorded at the proceeds received, net of direct issue costs.

Transaction costs incurred by Yellow Pages Limited in issuing, acquiring or reselling its own equity instruments are accounted for as a deduction from equity to the extent that they are incremental costs directly attributable to the equity transaction that otherwise would have been avoided.

3.17 Revenues

Yellow Pages Limited's revenues consist of contract-based fees made up of a significant volume of low-dollar value transactions and relate to digital and print revenues. The Company's revenues are measured at the fair value of the consideration received or receivable after deduction of an allowance for revenue adjustments and sales taxes. The consideration amounts are generally fixed.

Revenues from print products are recognized at a point in time upon delivery of the print directories. Print revenues are generally billed on a monthly basis over the year of publication.

Digital revenues from classified and display advertisements are recognized into income over the term of the contract on a monthly basis from the point at which service is first provided over the life of the contract, which is generally 12 months, since the customer receives and consumes the benefits of the advertisement simultaneously over the period of display of the advertisement. Certain revenues, such as website and video design fees, are recognized at a point in time upon completion of the design of the website and video since the satisfaction of performance obligation is completed at that time.

Unless the product description states otherwise, customer contracts are automatically renewed for consecutive subsequent periods equal in length to the initial term, unless the client gives the Company a written notice of non-renewal per the contract terms and conditions.

Payments terms for all customers are generally due upon receipt of the invoice. The disaggregation of revenue by product group has been disclosed in the *Revenues* note.

The allowance for revenue adjustments is recorded as a reduction of revenue and reflects an estimate for claims expected from customers. This estimate is based in part on the Company's historical claims experience.

3.18 Borrowing costs

Borrowing costs directly attributable to the acquisition or construction of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use. All other borrowing costs are recognized in profit or loss in the period in which they are incurred. The Company currently has not capitalized any borrowing costs.

3.19 Taxation

Income tax expense represents the sum of the current and deferred tax.

3.19.1 Current income tax

Taxable profit differs from profit as reported in the consolidated statement of income because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. Yellow Pages Limited's liability for current income tax is calculated using tax rates that have been enacted or substantively enacted by the reporting date.

3.19.2 Deferred tax

Deferred tax is recognized on differences between the carrying values of assets and liabilities in the consolidated financial statements and the corresponding tax basis used in the computation of taxable profit, and is accounted for using the liability method. Deferred tax liabilities are generally recognized for all taxable temporary differences, and deferred tax assets are generally recognized for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilized. Such assets and liabilities are not recognized if the temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

Deferred tax liabilities are recognized for taxable temporary differences associated with investments in subsidiaries and associates, except where Yellow Pages Limited is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognized to the extent it is probable that there will be sufficient taxable profits against which to utilize the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying value of deferred tax assets is reviewed at each reporting date and reduced to the extent it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered in the foreseeable future.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the reporting date. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which Yellow Pages Limited expects, at the reporting date, to recover or settle the carrying amount of its assets and liabilities.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to set off tax assets against tax liabilities and when they relate to income taxes levied by the same taxation authority and Yellow Pages Limited intends to settle its tax assets and liabilities on a net basis.

3.19.3 Current and deferred tax for the period

Current and deferred taxes are recognized as an expense or income in the statement of income, except when they relate to items that are recognized outside net earnings (whether in OCI or directly in equity), in which case the tax is also recognized outside net earnings, or where they arise from the initial accounting for a business combination. In the case of a business combination, the applicable tax effects are taken into account in the accounting for the business combination.

3.20 Government grants

Government grants are recognized when there is reasonable assurance that the Company will comply with the conditions attaching to it and that the grant will be received. Government grants related to an expense are recognized in profit or loss as a reduction in the related expense for which the grants are intended to compensate.

In response to the negative economic impact of COVID-19, various government programs have been enacted to provide financial relief to businesses. The Company determined that it qualified for the Canada Emergency Wage Subsidy (“CEWS”) program under the COVID-19 Economic Response plan for certain periods. The contributions received are recorded as a reduction to operating costs in the consolidated statements of income.

3.21 Significant estimates

The preparation of consolidated financial statements requires management to make estimates and assumptions that can affect the carrying value of certain assets and liabilities, income and expenses and the information disclosed in the notes to the consolidated financial statements. Management reviews these estimates and assumptions on a regular basis to ensure their pertinence with respect to past experience and the current economic situation. Items in future financial statements could differ from current estimates as a result of changes in these assumptions. The impact of changes in accounting estimates is recognized during the period in which the change took place and all affected future periods.

Management has revised the assumptions and estimates it would normally use to apply the Company’s accounting policies affecting the carrying value of certain assets and the information disclosed in the notes to the consolidated financial statements in order to reflect the estimated impact of the COVID-19 pandemic. Any estimate of the length and severity, including the number of resurgences of COVID-19 cases (new waves), is subject to significant uncertainty, and, accordingly, estimates of the extent to which the COVID-19 pandemic may materially and adversely affect the Company’s operations, financial results and condition in future periods are also subject to significant uncertainty. The impact of these changes in accounting estimates is recognized during the period in which the change took place and all affected future periods.

The estimates made by management that are critical to the determination of the carrying value of assets and liabilities are addressed below.

Allowance for revenue adjustments

The Company records an allowance for revenue adjustments as a reduction to revenue. This reflects an estimate of claims expected from customers. The Company updates its estimate of the allowance for revenue adjustments based on historical experience related to claims, as well as client-related factors. This significant estimate could affect Yellow Pages Limited’s future results if actual claims are higher or lower than previously anticipated.

Estimate of the lease term

When the Company recognizes a lease, it assesses the lease term based on the conditions of the lease and assesses whether it will extend the lease at the end of the lease contract, or exercise an early termination option. The Company determined that the term of its leases is the original lease term as it is not reasonably certain that the extension or early termination options will be exercised. This significant estimate could affect Yellow Pages Limited's future results if the Company extends the lease or exercises an early termination option.

Assessment of whether a right-of-use asset is impaired

The Company assesses whether a right-of-use asset is impaired, particularly when it vacates an office space and it must determine the recoverability of the asset, to the extent that the Company can sublease the assets or surrender the lease and recover its costs. The Company will examine its lease conditions as well as local market conditions and estimate its recoverability potential for each vacated premise. The determination of the lease cost recovery rate involves significant management estimates based on market availability of similar office space and local market conditions. This significant estimate could affect Yellow Pages Limited's future results if the Company succeeds in subleasing their vacated offices at a higher or lower rate or at different dates than initially anticipated.

Measurement of ECL allowance for trade receivables

In relation to the impairment of trade receivables (including contract assets), the Company uses the expected credit losses ("ECL") model, which requires the Company to account for the ECL and changes in the ECL at each reporting date to reflect changes in credit risk since initial recognition of the trade receivable. The ECL related to doubtful accounts for trade receivables (also referred to as allowance for doubtful accounts) is established based on various factors, including amongst others the age of the exposure and in some cases the customer's solvency. This significant estimate could affect the Company's future results if there is a further significant change in economic conditions or customer solvency or any new information that may impact our assumptions.

Determining the discount rate for leases

IFRS 16 requires the Company to discount the lease payments using the rate implicit in the lease if that rate is readily available. If that rate cannot be readily determined, the lessee is required to use its IBR. The Company generally used its IBR rate when recording leases initially, since the implicit rates were not readily available due to information not being available from the lessor regarding the fair value of underlying assets and direct costs incurred by the lessor related to the leased assets. The IBR for each lease was determined on the commencement date of the lease and recalculated at the remeasurement date where applicable.

Useful lives of intangible assets and property and equipment

Yellow Pages Limited reviews the estimated useful lives of its intangible assets and property and equipment at the end of each reporting period. At the end of the current reporting period, management determined that the useful lives of its intangible assets and property and equipment were adequate.

Employee future benefits

The present value of the defined benefit obligation is determined by employing the projected benefit method prorated on service using interest rates of high-quality corporate bonds that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating the terms of the related pension liability. Determination of the net benefit costs (recovery) requires assumptions such as the discount rate to measure defined benefit obligations and expected return on plan assets, the projected age of employees upon retirement, the expected rate of future compensation and the expected healthcare cost trend rate. Actual results may differ from results which are estimated based on assumptions.

Income taxes

Estimation of income taxes includes evaluating the recoverability of deferred tax assets based on an assessment of Yellow Pages Limited's ability to utilize the underlying future tax deductions against future taxable income before they expire. Yellow Pages Limited's assessment is based upon existing tax laws and estimates of future taxable income. If the assessment of Yellow Pages Limited's ability to utilize the underlying future tax deductions changes, Yellow Pages Limited would be required to recognize more or fewer of the tax deductions as assets, which would decrease or increase the income tax expense in the period in which this is determined. The carrying value of deferred tax assets is reviewed at each reporting date, remeasured to the extent that probable sufficient taxable profits will be available, or reduced to the extent it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered in the foreseeable future.

4. Loss on sale of businesses

On July 6, 2018, the Company's wholly-owned subsidiary, Yellow Pages Digital & Media Solutions Limited, sold ComFree/DuProprio ("CFDP") to Purplebricks Group PLC ("PB") for cash consideration of \$51.0 million on a cash free debt free basis, subject to a working capital adjustment. Of the \$1.8 million balance that had been placed in escrow, the Company received \$1.4 million, and recorded a loss of \$0.4 million related to the amount it no longer expects to receive for the year ended December 31, 2020.

5. Contract assets and liabilities

The following table provides information about contract assets, which are included in trade and other receivables.

As at	December 31, 2021	December 31, 2020
Contract assets	\$ 25,366	\$ 31,210
Allowance for revenue adjustments and ECL	(1,884)	(2,892)
Contract assets net of allowance for revenue adjustments and ECL	\$ 23,482	\$ 28,318

The contract assets, which are included in trade and other receivables, consist of payments for print products on delivered directories that are not yet due from the customer and represent the Company's right to consideration for the services rendered. Any amount previously recognized as a contract asset is reclassified to trade receivables once it is invoiced to the customer.

The change in contract assets for the year ended December 31, 2021 is primarily related to the fluctuation in print revenue. The revenues related to the performance obligations that are unsatisfied (or partially unsatisfied at the reporting date) are expected to be recognized over the next twelve (12) months. The contract liabilities consist of deferred revenues which primarily relate to the advanced consideration received from customers for which revenue is recognized over time.

6. Leases

During the year ended December 31, 2021, the Company subleased a previously vacated office location, resulting in a decrease in right-of-use assets and property and equipment related to this office location, consisting mainly of leasehold improvements and office equipment, as well as an increase in investment in subleases. During the year ended December 31, 2020, the Company vacated some office locations which it surrendered, subleased or anticipated to sublease resulting in a decrease in right-of-use assets and property and equipment related to these office locations, consisting mainly of leasehold improvements and office equipment, as well as a decrease in lease obligations and increase in investment in subleases. During the year ended December 31, 2020 the Company also acquired computer equipment under finance leases, resulting in an increase in right-of-use assets as well as an increase in lease obligations.

The impact of the above resulted in the following:

- A reduction in right-of-use assets of \$0.2 million (2020 - \$1.7 million);
- An increase in lease obligations of \$0.1 million (2020 – decrease of \$2.0 million);
- An increase in net investment in subleases of \$0.5 million (2020 - \$0.1 million); and
- A reduction in property and equipment of \$0.1 million (2020 - \$3.9 million).

As a result of the transactions described above the Company recorded a net recovery of \$0.2 million (2020 – net expense of \$3.4 million) to restructuring and other charges for the year ended December 31, 2021.

Lease obligations

The following table summarizes the continuity of the lease obligations:

As at	December 31, 2021	December 31, 2020
Lease obligations, opening balance	\$ 52,874	\$ 57,885
Additions	60	2,027
Surrenders or disposals	(10)	(4,049)
Payment of lease obligations	(3,045)	(2,989)
Lease obligations, closing balance	\$ 49,879	\$ 52,874
Less current portion	2,940	3,011
Non-current portion	\$ 46,939	\$ 49,863

The following table provides the maturities of the contractual lease obligations on an undiscounted basis for the next five years and thereafter:

As at	December 31, 2021	December 31, 2020
Less than one year	\$ 6,783	\$ 7,078
One to five years	27,558	27,707
Thereafter	40,916	47,529
Total undiscounted lease obligations	\$ 75,257	\$ 82,314

6.1 As a lessee

The Company leases offices, which typically run for a period of 15 to 18 years. Some leases include an option to renew the lease for an additional period of five years after the end of the contract term.

6.1.1 Right-of-use assets¹

	2021	2020
Cost		
Opening balance	\$ 68,115	\$ 73,509
Additions	315	2,027
Surrenders or disposals	(1,186)	(6,415)
Impairment	–	(1,006)
Closing balance	\$ 67,244	\$ 68,115
Accumulated depreciation		
Opening balance	\$ 57,034	\$ 59,449
Depreciation expense	1,098	1,255
Surrenders or disposals	(640)	(3,637)
Impairment	–	(33)
Closing balance	\$ 57,492	\$ 57,034
Net book value – closing balance	\$ 9,752	\$ 11,081

¹ Right-of-use assets consist primarily of office spaces.

Amounts recognized in the consolidated statements of income

For the years ended December 31,	2021	2020
Depreciation expense on right-of-use assets	\$ (1,098)	\$ (1,255)
Impairment on right-of-use assets	\$ (22)	\$ (973)
Interest expense on lease obligations	\$ (4,009)	\$ (4,110)
Interest income on investment in subleases	\$ 1,877	\$ 1,885

6.2 As a lessor

The Company subleases offices that it originally leased in 2014, 2015 and 2017. The Company has classified these subleases as finance leases, because the subleases cover the remaining term of the respective head lease.

6.2.1 Net investment in subleases

	2021	2020
Net investment in subleases, opening balance	\$ 26,815	\$ 26,537
Additions	269	48
Accretion of net investment in subleases	183	1,232
Payment received from sub-lessees, net of commissions	(593)	(1,002)
Net investment in subleases, closing balance	\$ 26,674	\$ 26,815
Less current portion	1,485	1,206
Non-current portion	\$ 25,189	\$ 25,609

6.2.2 Maturity analysis – contractual undiscounted cash flows

As at	December 31, 2021	December 31, 2020
Less than one year	\$ 3,276	\$ 2,307
One to two years	3,335	3,146
Two to three years	3,440	3,157
Three to four years	3,550	3,196
Four to five years	3,630	3,350
Thereafter	21,315	25,406
Total undiscounted lease payments receivable	\$ 38,546	\$ 40,562
Unearned interest income	11,872	13,747
Net investment in subleases	\$ 26,674	\$ 26,815

7. Property and equipment

	2021			
	Office equipment	Computer equipment	Leasehold improvements	Total
Cost				
As at December 31, 2020	\$ 7,344	\$ 40,012	\$ 10,694	\$ 58,050
Additions	1	104	3	108
Disposals, write-offs and transfers	(384)	(2,438)	(769)	(3,591)
As at December 31, 2021	\$ 6,961	\$ 37,678	\$ 9,928	\$ 54,567
Accumulated depreciation				
As at December 31, 2020	\$ 6,703	\$ 39,096	\$ 5,642	\$ 51,441
Depreciation expense	110	905	409	1,424
Disposals, write-offs and transfers	(371)	(2,438)	(738)	(3,547)
As at December 31, 2021	\$ 6,442	\$ 37,563	\$ 5,313	\$ 49,318
Net book value as at December 31, 2021	\$ 519	\$ 115	\$ 4,615	\$ 5,249
2020				
	Office equipment	Computer equipment	Leasehold improvements	Total
Cost				
As at December 31, 2019	\$ 8,355	\$ 41,455	\$ 15,254	\$ 65,064
Additions	–	79	166	245
Disposals, write-offs and transfers	(1,011)	(1,522)	(4,726)	(7,259)
As at December 31, 2020	\$ 7,344	\$ 40,012	\$ 10,694	\$ 58,050
Accumulated depreciation				
As at December 31, 2019	\$ 7,006	\$ 39,262	\$ 6,487	\$ 52,755
Depreciation expense	153	1,297	580	2,030
Disposals, write-offs and transfers	(456)	(1,463)	(1,425)	(3,344)
As at December 31, 2020	\$ 6,703	\$ 39,096	\$ 5,642	\$ 51,441
Net book value as at December 31, 2020	\$ 641	\$ 916	\$ 5,052	\$ 6,609

8. Intangible assets

	2021			
	Trademarks and domain names	Non-competition agreements	Software ¹	Total intangible assets
Cost				
As at December 31, 2020	\$ 90,611	\$ 258,983	\$ 263,965	\$ 613,559
Additions	–	–	5,225	5,225
Disposals, write-offs and transfers	–	–	(9,026)	(9,026)
As at December 31, 2021	\$ 90,611	\$ 258,983	\$ 260,164	\$ 609,758
Accumulated amortization				
As at December 31, 2020	\$ 35,658	\$ 258,983	\$ 248,218	\$ 542,859
Amortization expense	7,850	–	9,263	17,113
Disposals, write-offs and transfers	–	–	(8,961)	(8,961)
As at December 31, 2021	\$ 43,508	\$ 258,983	\$ 248,520	\$ 551,011
Net book value as at December 31, 2021	\$ 47,103	\$ –	\$ 11,644	\$ 58,747
<hr/>				
	2020			
	Trademarks and domain names	Non-competition agreements	Software ¹	Total intangible assets
Cost				
As at December 31, 2019	\$ 90,611	\$ 258,983	\$ 258,825	\$ 608,419
Additions	–	–	5,328	5,328
Disposals, write-offs and transfers	–	–	(188)	(188)
As at December 31, 2020	\$ 90,611	\$ 258,983	\$ 263,965	\$ 613,559
Accumulated amortization				
As at December 31, 2019	\$ 27,807	\$ 258,983	\$ 231,880	\$ 518,670
Amortization expense	7,851	–	16,528	24,379
Disposals, write-offs and transfers	–	–	(190)	(190)
As at December 31, 2020	\$ 35,658	\$ 258,983	\$ 248,218	\$ 542,859
Net book value as at December 31, 2020	\$ 54,953	\$ –	\$ 15,747	\$ 70,700

¹ Software under development amounted to \$4.3 million (2020 - \$3.6 million).

Impairment of intangible assets

As a majority of the intangible assets do not generate cash inflows that are largely independent of those from other assets or group of assets, the Company performs its impairment analysis of its intangible assets at the CGU level. Following the organizational changes made throughout fiscal 2018 and during the first quarter of 2019, the Company has one remaining group of CGUs to which assets belong. In 2021 and 2020, the Company performed an assessment of indicators of impairment on the finite life intangible assets and no further impairment analysis was required.

Yellow Pages Limited has accumulated impairment losses on intangible assets and property and equipment in the amounts of \$1,379.6 million and \$21.9 million, respectively.

9. Trade and other payables

As at	December 31, 2021	December 31, 2020
Trade	\$ 19,127	\$ 18,726
Accrued interest on exchangeable debentures	–	723
Payroll related	2,586	3,235
Long-term incentive plans	9,744	6,981
Other accrued liabilities	2,838	2,878
Common shares subject to repurchase (Note 14)	636	979
	\$ 34,931	\$ 33,522

10. Provisions

Yellow Pages Limited recorded restructuring and other charges of \$5.3 million for the year ended December 31, 2021 consisting mainly of restructuring charges of \$4.6 million associated with workforce reductions, a \$0.9 million charge related to future operation costs provisioned related to lease contracts for office closures, partially offset by a \$0.2 million recovery related to the sublease of previously vacated office space.

Yellow Pages Limited recorded restructuring and other charges of \$8.1 million for the year ended December 31, 2020 consisting of restructuring charges of \$2.6 million relating to workforce reductions, a \$2.1 million charge related to future operation costs provisioned related to lease contracts for office closures, as well as a \$4.6 million charge related to the impairment of property and equipment and right-of-use assets related to vacated office space, partially offset by a \$1.2 million recovery related to the surrender of vacated office space.

The provisions for restructuring and other charges represent the present value of the best estimate of the future outflow of economic benefits that will be required to settle the provisions and may vary as a result of new events affecting the severances and charges that will need to be paid. Other provisions include provisions primarily for vacation and short-term incentive plans.

	Provisions for restructuring ¹	Provisions for other charges ¹	Other provisions	Total provisions
As at December 31, 2020	\$ 2,307	\$ 3,321	\$ 17,434	\$ 23,062
Charges	3,999	794	13,391	18,184
Payments	(3,347)	(2,119)	(13,639)	(19,105)
As at December 31, 2021	\$ 2,959	\$ 1,996	\$ 17,186	\$ 22,141
Less current portion	2,532	1,372	17,186	21,090
Non-current portion	\$ 427	\$ 624	\$ –	\$ 1,051

¹ Included in the restructuring and other charges of \$5.3 million on the statement of income is an expense and payment of \$0.5 million not affecting the provision.

	Provisions for restructuring ²	Provisions for other charges ²	Other provisions	Total provisions
As at December 31, 2019	\$ 7,429	\$ 1,642	\$ 19,149	\$ 28,220
Charges	2,883	3,712	17,320	23,915
Payments	(8,005)	(2,033)	(19,035)	(29,073)
As at December 31, 2020	\$ 2,307	\$ 3,321	\$ 17,434	\$ 23,062
Less current portion	2,018	2,624	17,434	22,076
Non-current portion	\$ 289	\$ 697	\$ –	\$ 986

² Included in the restructuring and other charges of \$8.1 million on the statement of income is a net recovery of \$1.5 million not affecting the provision.

11. Post-employment benefits

Yellow Pages Limited maintains pension plans with defined benefit and defined contribution components which cover substantially all of the employees of Yellow Pages Limited. Yellow Pages Limited maintains unfunded supplementary defined benefit pension plans for certain executives and also maintains other retirement and post-employment benefits (“other benefits”) plans which cover substantially all of its employees.

The defined benefit plans typically expose the Company to actuarial risks such as investment, interest rate, longevity and salary risks.

Investment risk	The present value of the defined benefit plan obligation is calculated using a discount rate determined by reference to high quality corporate bond yields; if the actual return on plan assets is below the assumed rate, it will create a plan deficit. Currently, the defined benefit plan has a relatively balanced investment in equity securities and debt instruments. Due to the long-term nature of the defined benefit plan obligation, the pension committee considers it appropriate that a reasonable portion of the plan assets should be invested in equity instruments to leverage the return generated by the fund.
Interest risk	A decrease in the bond interest rate will increase the defined benefit plan obligation, particularly on a solvency basis. Although this will be partially offset by an increase in the return of the defined benefit plan's investments, the impact may be material as pension liabilities are sensitive to variations in interest rates.
Longevity risk	The present value of the defined benefit plan obligation is calculated based on assumptions regarding mortality rates of plan participants both during and after their employment. An increase in the life expectancy of the plan participants will increase the defined benefit obligation.
Inflation risk	The present value of the defined benefit plan obligation is calculated by reference to the inflation rate. As such, a higher inflation rate than projected will increase the defined benefit plan's liability.

The present value of the defined benefit obligation and the related current service cost and past service costs were measured using the projected benefit method prorated on service. This was based on the actuarial valuation and the present value of the defined benefit plan obligation which was carried out by LifeWorks, Fellows of the Canadian Institute of Actuaries and Society of Actuaries, as at December 31, 2019, and extrapolated to December 31, 2021. For funding purposes, an actuarial valuation of the defined benefit component of the Yellow Pages pension plans was also performed as at December 31, 2019. The actuarial valuation for the other benefits was performed by HUB International as at July 1, 2021 and the results were extrapolated to December 31, 2021.

The changes in the defined benefit obligations and in the fair value of assets and the reconciliation of the funded status of the defined benefit plans to the amount recorded on the consolidated statements of financial position as at December 31, 2021 and 2020 were as follows:

As at	December 31, 2021		December 31, 2020	
	Pension benefits ¹	Other benefits	Pension benefits ¹	Other benefits
Fair value of plan assets, beginning of year	\$ 505,918	\$ –	\$ 484,029	\$ –
Employer contributions	8,402	2,327	4,448	2,412
Employee contributions	347	–	430	–
Interest income	12,647	–	14,450	–
Return on plan assets excluding interest income	7,262	–	47,368	–
Benefit payments	(35,043)	(2,327)	(44,153)	(2,412)
Administration costs	(485)	–	(654)	–
Fair value of plan assets, end of year	\$ 499,048	\$ –	\$ 505,918	\$ –
Accrued benefit obligation, beginning of year	\$ 596,227	\$ 34,700	\$ 572,740	\$ 33,856
Current service cost	2,704	9	2,905	8
Employee contributions	347	–	430	–
Benefit payments	(35,043)	(2,327)	(44,153)	(2,412)
Interest cost	15,016	879	17,231	1,023
Actuarial (gains) losses due to:				
Experience adjustments	(80)	796	4,564	–
Changes in financial assumptions	(34,439)	(4,521)	42,510	2,225
Defined benefit obligation, end of year	\$ 544,732	\$ 29,536	\$ 596,227	\$ 34,700
Net defined benefit obligation	\$ (45,684)	\$ (29,536)	\$ (90,309)	\$ (34,700)

¹ Including unfunded supplementary defined benefit pension plans.

While all the plans are not considered fully funded for financial reporting purposes, registered plans are funded in accordance with the applicable statutory funding rules and regulations governing the particular plans.

The significant assumptions adopted in measuring Yellow Pages Limited's pension and other benefit obligations as at December 31, 2021 and 2020 were as follows:

As at	December 31, 2021		December 31, 2020	
	Pension benefits	Other benefits	Pension benefits	Other benefits
Post-employment benefit obligation				
Discount rate, end of year	3.20%	3.20%	2.60%	2.60%
Rate of compensation increase ¹	2.15%	n.a	1.85%	n.a
Inflation Rate	1.80%	2.00%	1.50%	2.00%
Net benefit plan costs				
Discount rate (current service cost), end of preceding year	2.80%	2.80%	3.20%	3.20%
Discount rate (interest expense), end of preceding year	2.60%	2.60%	3.10%	3.10%
Rate of compensation increase ¹	1.85%	n.a	1.90%	n.a
Inflation Rate	1.50%	2.00%	1.40%	2.00%
Weighted average duration (years)	13	13	14	14

¹ As at December 31, 2021: 1.80% plus a productivity, merit and promotional scale, and as at December 31, 2020: 1.50% plus a productivity, merit and promotional scale.

For measurement purposes, actual per capita cost of covered medical care benefits was used for 2022, and the rate of increase was assumed at 5.78% for the next 5 years followed by a linear decrease to 3.57% by 2040 and to remain at that level thereafter. For dental care benefits, actual per capita cost was used for 2022, and the rate of increase was assumed at 4.00% for the next 5 years followed by a linear decrease to 3.57% by 2040 and to remain at that level thereafter.

The following table shows how the defined benefit obligation as at December 31, 2021 would have been affected by changes that were reasonably possible at that date in each significant actuarial assumption:

	Pension benefits	Other benefits
Decrease of 0.25% in discount rate, end of year	\$ 18,584	\$ 960
Increase of 0.25% in the inflation rate	\$ 8,910	\$ –
Increase of 1% in health care cost trend rates	\$ n.a	\$ 1,793

The net benefit plan costs included in the statements of income and other comprehensive income are comprised of the following components:

For the years ended December 31,	2021		2020	
	Pension benefits	Other benefits	Pension benefits	Other benefits
Current service cost ¹	\$ 2,704	\$ 9	\$ 2,905	\$ 8
Administration costs ¹	485	–	654	–
Service cost	\$ 3,189	\$ 9	\$ 3,559	\$ 8
Interest cost	\$ 15,016	\$ 879	\$ 17,231	\$ 1,023
Interest income	(12,647)	–	(14,450)	–
Net interest on the net defined benefit obligation (Note 18)	\$ 2,369	\$ 879	\$ 2,781	\$ 1,023
Net benefit costs recognized in the statement of income	\$ 5,558	\$ 888	\$ 6,340	\$ 1,031
Actuarial (gains) losses recognized in OCI	\$ (41,781)	\$ (3,725)	\$ (294)	\$ 2,225
Total net benefit plan costs (recovery) for the Yellow Pages ("YP") defined benefit plans	\$ (36,223)	\$ (2,837)	\$ 6,046	\$ 3,256
Net benefit plan costs for the YP defined contribution plans ¹	2,035	–	2,275	–
Total net benefit plan (recovery) costs	\$ (34,188)	\$ (2,837)	\$ 8,321	\$ 3,256

¹ Included in operating costs.

No significant workforce reductions occurred during the years ended December 31, 2021 and 2020.

Plan assets include primarily Canadian and foreign equities, government and corporate bonds, debentures and secured mortgages. Plan assets are held in trust and the asset allocation was as follows as at December 31, 2021 and 2020:

(in percentages - %)	December 31, 2021	December 31, 2020
Fair value of the plan assets:		
Pooled fund units		
Canadian pooled equity funds	4.5	6.5
Global pooled equity funds	25.0	28.0
Emerging markets pooled equity funds	10.0	12.0
Canadian pooled fixed-income funds	44.0	42.5
Pooled real estate funds	10.5	9.0
Pooled private equity funds	4.0	1.0
Pooled infrastructure funds	2.0	0.5
Cash and cash equivalents	0.0	0.5

As at December 31, 2021 and 2020, the publicly traded equity securities did not directly include any shares of Yellow Pages Limited.

The total cash payments for pension and other benefit plans made by Yellow Pages Limited amounted to \$12.8 million for 2021 (2020 – \$9.2 million). Total cash payments for pension and other benefit plans expected in 2022 amount to approximately \$12.1 million.

Yellow Pages Limited's funding policy is to make contributions to its pension plans based on various actuarial cost methods as permitted by pension regulatory bodies. Yellow Pages Limited is responsible to adequately fund the plans. Contributions reflect actuarial assumptions concerning future investment returns, salary projections and future service benefits.

In addition, Yellow Pages Limited recorded an expense for provincial, federal and state pension plans of \$2.2 million for the year ended December 31, 2021 (2020 – \$2.3 million).

As at December 31, 2021, Yellow Pages Limited had recognized an accumulated balance of \$18.5 million, net of income taxes of \$4.7 million, in actuarial losses in OCI.

12. Exchangeable debentures

The table below represents the continuity of the Exchangeable debentures:

	2021	2020
Exchangeable debentures, opening balance	\$ 101,115	\$ 98,537
Repayment of exchangeable debentures	(102,207)	–
Repurchase of exchangeable debentures	–	(52)
Interest accretion for the year	1,092	2,630
Exchangeable debentures, closing balance	\$ –	\$ 101,115

The Exchangeable debentures is comprised of the following:

As at December 31,	2021	2020
Principal amount of exchangeable debentures (at maturity, November 30, 2022)	\$ –	\$ 107,033
Unaccreted interest	–	(5,918)
Exchangeable debentures	\$ –	\$ 101,115

On December 20, 2012, the Company, through its subsidiary Yellow Pages Digital & Media Solutions Limited, issued \$107.5 million of senior subordinated exchangeable debentures (the Exchangeable Debentures) due November 30, 2022.

Interest on the Exchangeable Debentures accrued at a rate of 8% per annum.

Optional Redemption

The Company had the option to redeem all or part of the Exchangeable Debentures at its option, upon not less than 30 nor more than 60 days prior notice, at a redemption price equal to:

- In the case of a redemption occurring prior to May 31, 2021, 110% of the principal amount thereof, plus accrued and unpaid interest, if any, to the redemption date; or
- In the case of a redemption occurring on or after May 31, 2021, 100% of the principal amount thereof, plus accrued and unpaid interest, if any, to the redemption date.

On May 31, 2021, the Company fully repaid the principal amount of Exchangeable Debentures of \$107.0 million at par plus any accrued and unpaid interest.

The redemption option on the exchangeable debentures was an embedded derivative and was recorded at fair value on the consolidated statements of financial position in Financial and other assets with changes in fair value recognized in financial charges. On May 31, 2021, upon early repayment of the debt, the Company derecognized the embedded derivative of \$3.0 million which was included in the loss on early repayment of debt. The fair value of the embedded derivative was \$2.6 million as at December 31, 2020.

The Company recorded a loss on early repayment of debt of \$7.8 million during the year ended December 31, 2021 consisting of a loss of \$4.8 million on the early repayment of the exchangeable debentures and a loss of \$3.0 million related to the derecognition of the redemption option of the exchangeable debentures previously recognized as Financial and other assets on the consolidated statements of financial position.

The Company entered a Normal Course Issuer Bid (“NCIB”) on April 20, 2020, to purchase up to \$6.6 million principal amount of its Exchangeable Debentures for cancellation on or before April 19, 2021. Prior to April 19, 2021, YP had purchased Exchangeable Debentures under this NCIB program, with a carrying value of \$52 thousand for cash and a face value of \$56 thousand. Purchases were made in accordance with the NCIB at the prevailing market price at the time of acquisition.

13. Income taxes

A reconciliation of income taxes at Canadian statutory rates with reported income taxes is as follows:

For the years ended December 31,	2021	2020
Earnings before income taxes	\$ 59,914	\$ 78,712
Combined Canadian federal and provincial tax rates ¹	26.40%	26.50%
Income tax expense at statutory rates	\$ 15,816	\$ 20,857
Increase (decrease) resulting from:		
Recognition of previously unrecognized tax attributes and temporary differences	(26,996)	(2,773)
Non-deductible expenses for tax purposes	451	241
Other	8	89
(Recovery of) provision for income taxes	\$ (10,721)	\$ 18,414

¹ The combined applicable statutory tax rate decreased mainly by provincial allocation of revenues earned and the decrease in the Alberta and Nova Scotia statutory tax rate.

Provision for (recovery of) income taxes includes the following amounts:

For the years ended December 31,	2021	2020
Current	\$ 7,318	\$ 90
Deferred	(18,039)	18,324
Total	\$ (10,721)	\$ 18,414

Deferred income tax (assets) liabilities are attributable to the following items:

	Deferred financing costs	Non-capital losses carry forward	Deferred revenues	Post- employment benefits	Accrued liabilities	Property, plant and equipment and lease inducements	Exchangeable Debentures	Intangible assets	Deferred income tax (assets) liabilities, net
Balance, December 31, 2020	\$ 154	\$ (2,200)	\$ (394)	\$ (512)	\$ (10,490)	\$ –	\$ 1,684	\$ (10,157)	\$ (21,915)
Expense (benefit) to statement of income	(264)	2,200	(34)	(17,183)	3,530	1,451	(355)	(7,384)	(18,039)
Expense (benefit) to equity	–	–	–	–	–	–	(1,329)	–	(1,329)
Expense (benefit) to OCI	–	–	–	12,014	–	–	–	–	12,014
Balance, December 31, 2021	\$ (110)	\$ –	\$ (428)	\$ (5,681)	\$ (6,960)	\$ 1,451	\$ –	\$ (17,541)	\$ (29,269)

	Deferred financing costs	Non-capital losses carry forward	Deferred revenues	Post-employment benefits	Accrued liabilities	Property, plant and equipment and lease inducements	Exchangeable Debentures	Intangible assets	Deferred income tax (assets) liabilities, net
Balance, December 31, 2019	\$ (993)	\$ (11,780)	\$ (710)	\$ –	\$ (8,613)	\$ –	\$ 2,373	\$ (20,004)	\$ (39,727)
Expense (benefit) to statement of income	1,147	9,580	316	–	(1,877)	–	(689)	9,847	18,324
Expense (benefit) to OCI	–	–	–	(512)	–	–	–	–	(512)
Balance, December 31, 2020	\$ 154	\$ (2,200)	\$ (394)	\$ (512)	\$ (10,490)	\$ –	\$ 1,684	\$ (10,157)	\$ (21,915)

As at December 31, 2021, the Company and its subsidiaries have not recognized deferred income tax assets with respect to US operating losses of \$272.7 million, which expire gradually between 2028 and 2037 and indefinitely when incurred after 2017. Furthermore, the Company and its subsidiaries have not recognized deferred income tax assets with respect to Canadian capital losses of \$10.1 million which can be utilized indefinitely and US capital losses of \$5.1 million which expire in 2024.

As at December 31, 2021, the Company and its subsidiaries have not recognized deductible temporary differences of \$483.3 million (2020 – \$596.3 million).

14. Shareholders' capital

Common shares – Issued

For the year ended December 31, 2021	Number of Shares	Amount
Balance, December 31, 2020	27,828,906	\$ 3,992,754
Common shares repurchased	(381,406)	(54,771)
Shared issued under stock option plan	12,185	141
Exchange of common share purchase warrants	1	–
Balance, December 31, 2021	27,459,686	\$ 3,938,124

For the year ended December 31, 2020	Number of Shares	Amount
Balance, December 31, 2019	28,075,308	\$ 4,031,685
Common shares repurchased	(273,190)	(39,231)
Shared issued under stock option plan	26,788	300
Balance, December 31, 2020	27,828,906	\$ 3,992,754

Yellow Pages is authorized to issue an unlimited number of common shares.

The holders of the common shares of Yellow Pages are entitled to one vote per common share at all meetings of shareholders of the Company. The holders of the common shares of Yellow Pages are entitled to receive any dividend declared by the Board of the Company on the common shares. In the event of the liquidation, dissolution or winding-up of Yellow Pages, whether voluntary or involuntary, the holders of the common shares of Yellow Pages are entitled to receive, after payment of all liabilities of Yellow Pages and subject to the preferential rights of any class of shares of Yellow Pages ranking in priority to the common shares of Yellow Pages, the remaining assets and property of Yellow Pages.

The total number of common shares of Yellow Pages Limited held by the trustee for the purpose of funding the RSU Plan amounted to 1,360,615 as at December 31, 2021 (see Note 17).

Under the Stock Option Plan, the maximum number of common shares authorized for issuance upon the exercise of options is 2,806,932 (see Note 17). During the year ended December 31, 2021, 12,185 common shares were issued upon the exercise of options.

Share repurchases

The Company entered into a normal course issuer bid (“NCIB”), commencing August 10, 2020, to purchase up to \$5.0 million of Common Shares in the open market for cancellation, on or before August 9, 2021. Upon completion of this NCIB on July 16, 2021, the Company had purchased 403,220 common shares for cash of \$5.0 million. The related historical carrying value of these shares was reclassified from shareholder’s capital to deficit.

On August 5, 2021, the Company’s announced a NCIB commencing August 10, 2021 to purchase up to 5% of the Company’s outstanding shares for cancellation on or before August 9, 2022. However, the Company intends to limit aggregate purchases under the new NCIB to \$16.0 million. For the year ended December 31, 2021, the Company purchased under this NCIB program 251,376 common shares for cash of \$3.6 million. The related historical carrying value of these shares was reclassified from shareholder’s capital to deficit.

As at December 31, 2021, a \$0.6 million financial liability (2020 – \$1.0 million), with a corresponding amount in equity, was recorded in Trade and other payables on the consolidated statements of financial position in relation with the NCIB. This liability represents the value of common shares authorized to be repurchased by a designated broker under an automatic share purchase plan from January 1, 2022 to February 11, 2022. This automatic share purchase plan allows for the purchase of the Company’s common shares under pre-set conditions at times when the Company would ordinarily not be permitted due to regulatory restrictions or self-imposed blackout periods. These common shares are included in the outstanding common shares as at December 31, 2021.

Dividends

On May 12th, 2021, the Company’s Board of Directors (the “Board”) modified its dividend policy of paying a quarterly cash dividend to its common shareholders by increasing the dividend from \$0.11 per share to \$0.15 per share. YP’s dividend payout policy and the declaration of dividends on any of the Company’s outstanding common shares are subject to the discretion of the Board and, consequently, there can be no guarantee that the dividend payout policy will be maintained or that dividends will be declared.

During the year ended December 31, 2021, the Company paid quarterly dividends of \$0.11 per common share during the first quarter and \$0.15 per common share during the second, third and fourth quarters. The dividends were paid on March 15, June 30, September 15 and December 15 of 2021 for a total consideration of \$14.7 million to common shareholders. During the year ended December 31, 2020, the Company paid three quarterly dividends of \$0.11 per common share. The dividends were paid on June 15, September 15 and December 15 of 2020 for a total consideration of \$8.8 million to common shareholders.

Warrants

On December 20, 2012, the Company issued 2,995,506 common share purchase warrants (“Warrants”).

During the year ended December 31, 2021, 1 Warrant was exercised in exchange for 1 common share of Yellow Pages Limited. As at December 31, 2021, the Company had a total of 2,995,483 Warrants outstanding for an amount of \$1.5 million. As at December 31, 2020, the Company had a total of 2,995,484 Warrants outstanding for an amount of \$1.5 million.

Each Warrant is transferable and entitles the holder to purchase one common share of Yellow Pages Limited at an exercise price of \$28.16 per Warrant payable in cash at any time on or prior to December 20, 2022. The fair value of the Warrants on December 20, 2012 was \$1.5 million.

The fair value of the Warrants was calculated using a binomial option pricing model with the following assumptions:

Risk free interest rate	2.27%
Expected life	10 years
Expiry date	December 20, 2022
Expected volatility	33.5%

Earnings per share

The following table presents the weighted average number of shares outstanding used in computing earnings per share and the weighted average number of shares outstanding used in computing diluted earnings per share as well as net earnings used in the computation of basic earnings per share to net earnings adjusted for any dilutive effect:

For the years ended December 31,	2021	2020
Weighted average number of shares outstanding used in computing basic earnings per share ¹	26,337,343	26,602,728
Dilutive effect of restricted share units	116,208	121,348
Dilutive effect of stock options	268,694	212,544
Dilutive effect of exchangeable debentures	–	5,621,481
Weighted average number of shares outstanding used in computing diluted earnings per share¹	26,722,245	32,558,101
For the years ended December 31,	2021	2020
Net earnings used in the computation of basic earnings per share	\$ 70,635	\$ 60,298
Impact of assumed conversion of exchangeable debentures, net of applicable taxes	–	8,229
Total net earnings used in the computation of diluted earnings per share	\$ 70,635	\$ 68,527

¹ The weighted average number of shares outstanding used in the earnings per share calculation is reduced by the shares held by the trustee for the purpose of funding the restricted share unit and performance share unit plan (the "RSU and PSU Plan").

For the years ended December 31, 2021 and 2020, the diluted earnings per share calculation did not take into consideration the potential dilutive effect of the Warrants as well as stock options that are not in the money and therefore are not dilutive.

15. Operating costs

For the years ended December 31,	2021	2020
Salaries, commissions and benefits	\$ 82,200	\$ 91,241
Supply chain and logistics ¹	64,479	67,702
Other goods and services ²	11,912	14,326
Information systems	19,505	21,936
Remeasurement of ECL, net of recovery (Note 20)	7,550	8,891
Total	\$ 185,646	\$ 204,096

¹ Supply chain and logistics costs relate to external supplier costs for manufacturing and distribution of our print and digital products.

² Other goods and services include promotion and advertising costs, real estate, office services, consulting services including contractors and professional fees.

During the years ended December 31, 2021 and December 31, 2020, the Company applied for the Canada Emergency Wage Subsidy offered by the Government of Canada. The Company was eligible for the subsidy as it met the criteria for certain periods. Yellow Pages Limited received non-refundable contributions of \$4.2 million during the year ended December 31, 2021 and \$7.3 million for the year ended December 31, 2020, respectively, for admissible salaries related to its workforce. The contributions are recorded as a reduction to operating costs in the consolidated statements of income.

16. Revenues

The Company reviews revenues by similar products and services, such as Print and Digital.

Print revenues are recognized at a point in time, whereas 99% of digital revenues were recognized over the term of the contract and 1% at a point in time for the year ended December 31, 2021 and 100% of digital revenues were recognized over the term of the contract for the year ended December 31, 2020, respectively.

The following tables present financial information for the years ended December 31, 2021 and 2020.

For the years ended December 31,	2021	2020
Digital	\$ 221,471	\$ 252,252
Print	66,175	81,286
Total revenues	\$ 287,646	\$ 333,538

17. Stock-based compensation plans

Yellow Pages Limited's stock-based compensation plans consist of restricted share units, performance share units, deferred share units, stock options and share appreciation rights.

Restricted Share Unit and Performance Share Unit Plan

On May 6, 2013, Yellow Pages Limited adopted a restricted share unit and performance share unit plan (the "RSU and PSU Plan") to reward key employees and officers of Yellow Pages Limited (the "Participants"). Following the implementation of the RSU and PSU Plan, Yellow Pages Limited granted to Participants a number of RSUs and PSUs, as applicable, based on the volume weighted average trading price of the common shares for the five days immediately preceding the grant date. The RSUs are time-based awards and will vest upon the continuous employment of the Participants for a period of 36 months starting from the date of the grant or such other period not exceeding 36 months determined by the Board. The PSUs are performance-based awards and will vest upon confirmation by the Board of the achievement of specified performance targets and upon the continuous employment of the Participants for a period of 36 months starting from the date of the grant or such other period not exceeding 36 months determined by the Board. The PSUs for which the performance targets have not been achieved shall automatically be forfeited and cancelled. The number of PSUs that vest could potentially reach up to one-and-a-half times the actual number of PSUs awarded if the actual performance reaches the maximum level of performance targets. At December 31, 2021, there are no PSUs outstanding.

During the years ended December 31, 2021 and 2020, nil common shares of Yellow Pages Limited were purchased on the open market of the TSX by the trustee appointed under the RSU and PSU Plan for the purpose of funding of the RSU and PSU Plan. The total number of common shares of Yellow Pages Limited held by the trustee for the purpose of funding the restricted share unit and performance share unit plan (the "RSU and PSU Plan") amounted to 1,360,615 as at December 31, 2021.

The following table summarizes the continuity of the RSUs presented as a liability during the years ended December 31:

	2021		2020	
	Number of RSUs	Liability ¹	Number of RSUs	Liability ¹
Outstanding, beginning of year	327,617	\$ 831	156,839	\$ 972
Granted	–	–	321,671	859
Dividends credited ²	12,204	86	9,244	42
Settled	(62,504)	(891)	(160,137)	(1,850)
Variation due to change in fair value and vesting	–	1,924	–	808
Outstanding, end of year³	277,317	\$ 1,950	327,617	\$ 831

¹ The liability related to the RSUs is recorded in trade and other payables, and the expense related to the vested RSUs and the variation due to change in fair value are included in operating costs.

² Dividends in the form of additional RSUs are credited to the participant's account on each dividend payment date and are equivalent in value to the dividend paid on common shares.

³ The number of restricted shares vested as of December 31, 2021 is 142,735 (2020 – 66,259)

The following table summarizes the continuity of all the RSUs and PSUs, including those shown in the table above, during the years ended December 31:

Number of	2021		2020	
	RSUs ¹	PSUs	RSUs ¹	PSUs
Outstanding, beginning of year	448,965	–	318,536	60,406
Granted	26,512	–	359,395	–
Reduction in payout related to under-achievement of targets ²	–	–	–	(15,105)
Settled	(97,688)	–	(226,775)	(45,301)
Dividends credited ³	16,848	–	13,072	–
Forfeited	(1,112)	–	(15,263)	–
Outstanding, end of year	393,525	–	448,965	–
Weighted average remaining life (years)	1.16	–	1.66	–

¹ Included in the RSUs outstanding balance as at December 31, 2021 are 277,317 RSUs granted in July 2020 as well as dividends credited related to this grant, representing a liability of \$2.0 million (2020 – 327,617 RSUs and \$0.8 million, respectively) recorded in trade and other payables and the expense related to the units vested and the variation due to changes in stock price is included in operating costs.

² The reduction in payout is related to the under-achievement of certain performance targets resulting in a reduction of 25% for the year ended December 31, 2020.

³ Dividends in the form of additional RSUs are credited to the participant's account on each dividend payment date and are equivalent in value to the dividend paid on common shares.

During the year ended December 31, 2021, an expense of \$2.3 million (2020 – an expense of \$2.0 million) was recorded in the consolidated statement of income in operating costs in relation to the RSU and PSU Plan.

Deferred Share Unit Plan

On June 12, 2013, Yellow Pages Limited adopted a deferred share unit plan (the “DSU Plan”). The DSU Plan was amended in October 2013 to provide for the participation by eligible employees as designated by the Board. The Company shall settle the vested deferred share units (“DSUs”) in cash or in common shares of Yellow Pages Limited acquired on the open market at the discretion of the Company when a Director leaves the Board or an eligible employee ceases employment with the Company.

The following table summarizes the continuity of the deferred share units (“DSUs”) during the years ended December 31:

	2021		2020	
	Number of DSUs	Liability ¹	Number of DSUs	Liability ¹
Outstanding, beginning of year	339,808	\$ 4,257	325,435	\$ 2,948
Granted ²	30,704	347	53,719	447
Forfeited	(3,292)	–	(4,196)	–
Settled	(80,929)	(1,162)	(45,556)	(416)
Dividends credited ³	14,628	202	10,406	115
Variation due to change in stock price	–	467	–	1,163
Outstanding and vested, end of year	300,919	\$ 4,111	339,808	\$ 4,257

¹ The liability related to the DSU Plan is recorded in trade and other payables, and the expense related to the units vested and the variation due to changes in stock price is included in operating costs.

² The liability related to the DSUs granted represents the portion that is vested as at December 31.

³ Dividends in the form of additional DSUs are credited to the participant’s account on each dividend payment date and are equivalent in value to the dividend paid on common shares.

During the year ended December 31, 2021, an expense of \$0.5 million (2020 – an expense of \$1.7 million) was recorded in the consolidated statement of income in operating costs in relation to the Deferred Share Unit Plan.

Stock options

On March 23, 2021, the Board approved an amendment to the 2012 Stock Option Plan to increase the insider participation limits and the maximum number of shares issuable to one person from 5% of the issued and outstanding shares to 10% of the issued and outstanding shares. In addition, the 2012 Stock Option Plan was amended to provide that any shares repurchased by the Company for cancellation pursuant to a NCIB will not constitute non-compliance with these limits for any options outstanding prior to such purchase of Shares for cancellation. A maximum of 1,290,612 stock options may be granted under the Stock Option Plan. On May 11, 2018, an amendment to the Stock Option Plan was approved, increasing the maximum number of common shares authorized for issuance upon the exercise of options, from 1,290,612 to 2,806,932. Participants are required to hold 25% of the common shares received pursuant to the exercise of the stock options until the Participants meet the ownership guidelines which apply to their respective position.

At the Annual and Special Meeting of Shareholders held on May 13, 2020 an amendment to the 2012 Stock Option Plan was approved to provide for a cashless exercise feature, payable in cash, without a full deduction of the underlying shares from the plan reserve. Subject to approval of the Board or the Human Resources and Compensation Committee at the time of exercise, an option holder may elect to surrender an exercisable option for cancellation in exchange for a cash payment equal to the amount by which the fair market value of the share on the date of surrender exceeds the exercise price. The underlying shares in respect of the surrendered option will be added back to the plan reserve.

Stock options granted that are payable in cash upon certain conditions being met are presented as a liability.

The following table summarizes the continuity of the stock options presented as a liability during the years ended December 31:

	2021		2020	
	Number of options	Liability ¹	Number of options	Liability ¹
Outstanding, beginning of year	1,567,487	\$ 1,703	701,875	\$ 1,078
Granted	–	–	1,567,487	1,488
Stock options reclassified from equity-settled to cash settled ²	363,948	1,129	–	–
Settled	(886,443)	(4,392)	(701,875)	(2,434)
Variation due to change in fair value and vesting	–	4,875	–	1,571
Outstanding, end of year³	1,044,992	\$ 3,315	1,567,487	\$ 1,703

¹ The liability related to the stock options is recorded in trade and other payables, and the expense related to the vested options and the variation due to change in fair value are included in operating costs.

² On February 10, 2021, a modification adding a cash alternative to the settlement of certain stock options resulted in an obligation to settle in cash. A re-class from equity to liability was recorded at the modification date, based on the difference between the fair value of the shares at the modification date and the exercise price of the option. The variation due to change in fair value subsequent to the modification date is included in operating costs.

³ The number of stock options vested as of December 31, 2021 is 616,836 (2020 – 399,129)

The following table summarizes the continuity of all stock options under the Stock Option Plan, during the year ended December 31:

	2021		2020	
	Number of options	Weighted average exercise price per option	Number of options	Weighted average exercise price per option
Outstanding, beginning of year	2,717,779	\$ 8.71	1,983,102	\$ 7.11
Granted	519,276	\$ 11.86	2,004,069	\$ 9.51
Forfeited	(5,533)	\$ 11.98	(540,729)	\$ 6.79
Exercised	(12,185)	\$ 9.15	(26,788)	\$ 8.33
Settled	(886,444)	\$ 8.88	(701,875)	\$ 7.97
Outstanding, end of year	2,332,893	\$ 9.34	2,717,779	\$ 8.71
Exercisable, end of year	–	\$ –	–	\$ –

The following table provides additional information about Yellow Pages Limited's Stock Option Plan as at December 31:

Exercise price	2021		2020	
	Number of options outstanding	Weighted average remaining life	Number of options outstanding	Weighted average remaining life
\$5.86	458,536	1.2	458,536	2.2
\$7.61	–	–	251,979	1.1
\$8.79	1,044,991	1.0	1,567,487	2.0
\$10.47	–	–	19,869	1.6
\$11.86	516,522	1.9	–	–
\$12.10	312,844	1.3	419,908	1.9
Outstanding, end of year	2,332,893	1.3	2,717,779	1.9
Exercisable, end of year	–	–	–	–

Stock options were valued using a binomial option pricing model. Expected volatility is determined by the implied volatility from the current market price of the Company's outstanding warrants. The following table shows the key inputs into the valuation model for year ended December 31:

	2021	2020
Weighted average grant date share price	\$ 11.86	\$ 9.51
Exercise price	\$ 11.86	\$ 9.51
Expected volatility	54.2%	60.3%
Option life	2.7 years	2.5 years
Risk-free interest rate	0.66%	0.80%
Weighted average remaining life	1.9 years	2.0 years

During the year ended December 31, 2021, an expense of \$6.6 million (2020 – an expense of \$3.6 million) was recorded in the consolidated statement of income in operating costs in relation to the Stock Option Plan.

Share appreciation rights plan

On September 15, 2017, Yellow Pages Limited adopted a share appreciation rights plan (the "SAR Plan") to provide incentive compensation to key employees and officers of Yellow Pages Limited (the "Participants") who are in a position to make a material contribution to the successful operation of the business and to more closely align the interests of management with those of shareholders of Yellow Pages Limited. The SARs are time-based awards and will vest upon the continuous employment of the Participants at a date determined by the Board of Directors. Pursuant to the terms of the SAR Plan, the Participants will receive, upon vesting of the SARs, a payment in cash representing the excess of the fair value of Yellow Pages Limited's shares on the vesting date less the fair value of Yellow Pages Limited's shares on the grant date.

The following table summarizes the continuity of the share appreciation rights ("SARs") during the year ended December 31:

	2021		2020	
	Number of SARs	Liability ¹	Number of SARs	Liability ¹
Outstanding, beginning of year	174,165	\$ 190	701,875	\$ 1,078
Granted	–	–	174,165	594
Settled	(58,055)	(322)	(701,875)	(2,434)
Variation due to change in fair value and vesting	–	500	–	952
Outstanding, end of year²	116,110	\$ 368	174,165	\$ 190

¹ The liability related to the SAR Plan is recorded in trade and other payables, and the expense related to the units vested and the variation due to change in fair value are included in operating costs.

² The number of SARs vested as of December 31, 2021 is 68,537 (2020 – 44,348)

SARs were valued using a binomial option pricing model. Expected volatility is determined by the implied volatility from the current market price of the Company's outstanding warrants. The following table shows the key inputs into the valuation model as at December 31:

	2021	2020
Weighted average grant date share price	\$ 8.79	\$ 8.79
Exercise price	\$ 8.79	\$ 8.79
Expected volatility	63.9%	63.9%
Weighted average SAR life	2.5 years	2.5 years
Risk-free interest rate	0.60%	0.60%
Weighted average remaining life	1.0 year	2.0 years

During the year ended December 31, 2021, an expense of \$0.5 million (2020 – an expense of \$1.5 million) was recorded in the consolidated statement of income in operating costs in relation to the SARs plan.

18. Financial charges, net

The significant components of the financial charges, net are as follows:

For the years ended December 31,	2021	2020
Interest on exchangeable debentures ¹	\$ 4,692	\$ 11,261
Interest on lease obligations, net of interest income on investment in subleases	2,132	2,225
Net interest on the defined benefit obligations	3,248	3,804
Redemption Option	(311)	(2,627)
Other, net	(418)	(151)
Financial charges, net	\$ 9,343	\$ 14,512

¹ The Company fully repaid the principal amount of Exchangeable Debentures of \$107.0 million at par plus accrued and unpaid interest on May 31, 2021.

19. Commitments and contingencies

a) As at December 31, 2021, Yellow Pages Limited has commitments under purchase and service contract obligations for both operating and capital expenditures for each of the next 5 years and thereafter, and in the aggregate of:

	Total commitments
2022	\$ 21,340
2023	14,551
2024	10,861
2025	7,982
2026	6,283
Thereafter	37,537
	\$ 98,554

b) Yellow Pages Limited has three billing and collection services agreements. The agreement with Bell Canada (“Bell”) expires on December 31, 2023 and the agreement with Northwestel Inc., an affiliate of Bell expires, November 29, 2032. The agreement with TELUS Communications Inc. (“TELUS”) expires in 2031.

Pursuant to publication agreements with Bell and TELUS, Yellow Pages Limited produces alphabetical listing telephone directories for each of these companies in order for them to meet their regulatory obligations.

The Company also has other agreements with Bell and TELUS, providing for the use of listing information and trademarks for the publications of directories. If the Company materially fails to perform its obligations under the publication agreements mentioned above and as a result these publication agreements are terminated in accordance with their terms, these other listing information and trademark licenses with Bell and TELUS, as the case may be, may also be terminated. These other agreements with Bell and TELUS will terminate between 2031 and 2037.

c) Yellow Pages Limited entered into directory printing agreements with its printing suppliers to print, bind and furnish alphabetical, classified and combined directories as well as other publications. It also entered into distribution agreements.

d) Yellow Pages Limited is subject to various claims and proceedings which have been instituted against it during the normal course of business for which certain of the claims are provided for and included in trade and other payables, and provisions based on management’s best estimate of the likelihood of the outcome. Management believes that the disposition of the matters pending or asserted is not expected to have any material adverse effect on the financial position, financial performance or cash flows of Yellow Pages Limited.

20. Financial risk management

Credit Risk

Credit risk stems primarily from the potential inability of a customer or counterparty to a financial instrument to meet its contractual obligations. Yellow Pages Limited is exposed to credit risk with respect to cash, trade receivables from customers and investment in subleases. The carrying value of financial assets represents Yellow Pages Limited's maximum exposure. Credit risk associated with cash is minimized substantially by ensuring that these financial assets are placed with creditworthy counterparties. An ongoing review is performed to evaluate changes in the status of counterparties.

Yellow Pages Limited's extension of credit to customers involves judgment. Yellow Pages Limited has established internal controls designed to mitigate credit risk, including a formal credit policy managed by its credit department. New customers, customers increasing their advertising spend by a certain threshold and customers not respecting payment terms are subject to a specific vetting and approval process. Yellow Pages Limited considers that it has limited exposure to concentration of credit risk with respect to trade receivables from customers due to its large and diverse customer base operating in numerous industries and its geographic diversity. There are no individual customers that account for 10% or more of revenues and there are no trade receivables from any one individual customer that exceeds 10% of the total balance of trade receivables at any point in time during the year.

Bell and TELUS provide Yellow Pages Limited with customer collection services with respect to advertisers who are also their customers. As such, they receive money from customers on behalf of Yellow Pages Limited. Yellow Pages Limited retains the ultimate collection risk on these receivables.

The components of trade and other receivables are as follows:

As at	December 31, 2021	December 31, 2020
Current	\$ 33,800	\$ 44,686
Past due less than 180 days	3,639	7,138
Past due over 180 days	1,259	5,980
Trade receivables¹	\$ 38,698	\$ 57,804
Other receivables²	\$ 3,569	\$ 5,092
Trade and other receivables	\$ 42,267	\$ 62,896

¹ Trade and other receivables are presented net of allowance for revenue adjustments ("AFRA") and ECL of \$27.7 million as at December 31, 2021 (\$34.3 million as at December 31, 2020).

² Other receivables included a loan receivable associated with a forward contract net of \$3.1 million as at December 31, 2021 (\$2.9 million as at December 31, 2020).

The following table provides information about the exposure to credit risk and the ECL allowance for trade receivables (including contract assets).

For the years ended December 31,	2021			2020		
	Expected credit loss rate	Gross carrying amount ¹	ECL allowance	Expected credit loss rate	Gross carrying amount ¹	ECL allowance
Current	2.0%	\$ 34,491	\$ 691	2.8%	\$ 45,952	\$ 1,266
Past due less than 180 days	35.6%	5,648	2,009	29.2%	10,076	2,938
Past due over 180 days	89.9%	12,450	11,191	70.2%	20,062	14,082
Total		\$ 52,589	\$ 13,891		\$ 76,090	\$ 18,286

¹ The gross carrying value is net of the allowance for revenue adjustments of \$13.8 million as at December 31, 2021 (\$16.0 million as at December 31, 2020).

The following table shows the movement in ECL allowance that has been recognized for trade receivables (including contract assets).

As at	December 31, 2021	December 31, 2020
Balance, beginning of the year	\$ 18,286	\$ 17,580
Remeasurement of ECL allowance, net of recovery	7,550	8,891
Amounts written-off	(11,945)	(8,185)
Balance, end of year	\$ 13,891	\$ 18,286

Yellow Pages Limited estimates the loss allowance on the net investment in subleases at the end of the reporting period at an amount equal to lifetime ECL. None of the net investment in subleases at the end of the reporting period is past due, and taking into account the historical default experience and the future prospects of the industries in which the lessees operate, together with the value of collateral held over the net investment in subleases, the ECL on net investment in subleases is insignificant.

(i) Interest Rate Risk

Yellow Pages Limited is exposed to interest rate risks resulting from fluctuations in interest rates on its ABL with rates which are generally based on the Prime rate or Canadian BA rate. Yellow Pages Limited does not use derivative instruments to reduce its exposure to interest rate risk. The Company manages its interest rate risk by maximizing the interest income earned on excess funds while maintaining the necessary liquidity to conduct its day-to-day operations.

(ii) Foreign Exchange Risk

Yellow Pages Limited is exposed to foreign exchange risk arising from various currency transactions, the financial risks which are not significant. Foreign exchange transaction risk arises primarily from commercial transactions that are denominated in a currency that is not the functional currency of Yellow Pages Limited's business unit that is party to the transaction. Yellow Pages Limited is exposed to fluctuations in the U.S. dollar. The effect on net earnings from existing U.S. dollar exposures of a one point increase or decrease in the Canadian/U.S. dollar exchange rate is not significant. The Company's expenditures, net of revenues, denominated in U.S. dollars were approximately \$12.3 million for the year ended December 31, 2021 (2020 – \$16.0 million). As at December 31, 2021, there were no foreign currency contracts outstanding.

Liquidity Risk

Liquidity risk is the exposure of Yellow Pages Limited to the risk of not being able to meet its financial obligations as they become due.

Yellow Pages Limited manages this risk by maintaining detailed cash forecasts and long-term operating and strategic plans. The management of liquidity requires a constant monitoring of expected cash inflows and outflows which is achieved through a detailed forecast of the Company's liquidity position to ensure adequate and efficient use of cash resources.

The Company expects to meet its financial obligations through internally generated cash and cash on hand.

The following are the contractual maturities of the financial liabilities:

	Payments due for the years following December 31, 2021				
	Total	1 year	2 – 3 years	4 – 5 years	Thereafter
Non-derivative financial liabilities					
Trade and other payables (Note 9)	\$ 34,931	\$ 34,931	\$ –	\$ –	\$ –
Provisions (Note 10)	22,141	21,090	847	111	93
Lease obligations (Note 6)	49,879	2,940	7,275	7,587	32,077
Total	\$ 106,951	\$ 58,961	\$ 8,122	\$ 7,698	\$ 32,170

Fair value hierarchy

The three levels of fair value hierarchy are as follows:

- Level 1 – inputs are unadjusted quoted prices of identical instruments in active markets.
- Level 2 – inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly.
- Level 3 – inputs used in a valuation technique are not based on observable market data in determining fair values of the instruments.

Determination of fair value and the resulting hierarchy requires the use of observable market data whenever available. The classification of a financial instrument in the hierarchy is based upon the lowest level of input that is significant to the measurement of fair value.

The fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants.

The redemption option on the exchangeable debentures was an embedded derivative and was recorded at fair value on the consolidated statements of financial position as Financial and other assets with changes in fair value recognized in financial charges. Following the repayment of the exchangeable debentures on May 31, 2021, the redemption option on the exchangeable debentures, was derecognized and was included in the loss on early repayment of debt. The fair value as at December 31, 2020 was \$2.6 million.

Cash, trade and other receivables, and trade and other payables are not measured at fair value in the consolidated statement of financial position, as their carrying amount is a reasonable approximation of fair value due to their short-term maturity.

Asset-Based Loan

The Company, through its subsidiary Yellow Pages Digital & Media Solutions Limited, has an asset-based loan (ABL) with a term of the ABL to August 2022 and a total commitment of \$25.0 million. The ABL is being used for general corporate purposes. Through the ABL, the Company has access to the funds in the form of prime rate loans, Banker's acceptance (BA) equivalent loans or letters of credit. The ABL is subject to an availability reserve of \$5.0 million if the Company's trailing twelve-month fixed charge coverage ratio is below 1.1 times. As at December 31, 2021, the Company's fixed charge coverage ratio was 0.7 times. The Company had \$2.8 million of letters of credit issued and outstanding under the ABL and a \$3.3 million deficiency in qualified collateral. As such, \$13.9 million of the ABL was available as at December 31, 2021. As at December 31, 2021, the Company was in compliance with all covenants under the loan agreement governing the ABL.

21. Capital Management

Yellow Pages Limited's objective in managing capital is to ensure sufficient liquidity to cover financial obligations, investment requirements and to provide its shareholders with appropriate returns. Yellow Pages Limited monitors its capital structure and makes adjustments based on the objectives described above in response to changes in economic conditions and the risk characteristics of the underlying assets and the Company's working capital requirements. This includes changes to the Company's current dividend policy. Yellow Pages Limited also uses various financial metrics to monitor its capital structure such as cash net of debt to total capitalization.

Yellow Pages Limited's capital is comprised of Exchangeable Debentures, Lease obligations and equity attributable to Yellow Pages Limited's shareholders as follows:

As at	December 31, 2021	December 31, 2020
Cash	\$ 123,559	\$ 153,492
Exchangeable debentures ¹ (Note 12)	–	101,115
Lease obligations (Note 6)	49,879	52,874
Total debt	\$ 49,879	\$ 153,989
Equity	116,131	29,301
Total capitalization	\$ 166,010	\$ 183,290
Total cash net of debt ²	\$ 73,680	\$ (497)
Total cash net of debt to total capitalization	44.4%	0,0%

¹ Represents the principal amount less unaccreted interest on the Exchangeable debentures.

² The term cash net of debt does not have a standardized meaning under IFRS. Therefore, it is unlikely to be comparable to similar measures presented by other issuers. We define cash net of debt as cash less Lease obligations including current portion and Exchangeable debentures, as shown in the Company's consolidated statements of financial position.

22. Guarantees

In the normal course of operations, Yellow Pages Limited has entered into agreements which are customary in the industry that provide for indemnifications and guarantees to counterparties in transactions involving business acquisitions, business dispositions and sale of assets. Yellow Pages Limited has entered into agreements which contain indemnification of its directors and officers indemnifying them against expenses (including legal fees), judgments, fines and any amount actually and reasonably incurred by them in connection with any action, suit or proceeding in which the directors and/or officers are sued as a result of their service, if they acted honestly and in good faith with a view to the best interests of Yellow Pages Limited. Yellow Pages Limited benefits from directors' and officers' liability insurance which it has purchased. No amount has been accrued in the consolidated statements of financial position as at December 31, 2021 and 2020 with respect to these indemnities.

The nature of these guarantees prevents Yellow Pages Limited from making a reasonable estimate of the maximum potential amount it could be required to pay to counterparties.

23. List of subsidiaries

As at	Principal activity	Proportion of ownership	
Canada		2021	2020
Yellow Pages Digital & Media Solutions Limited	Digital and print media marketing solutions provider	100%	100%
USA			
YPG (USA) Holdings, Inc.	Holding company	100%	100%
Yellow Pages Digital & Media Solutions, LLC	Operational support services provider	100%	100%

24. Related party disclosures

Key management personnel compensation

Yellow Pages Limited's key management personnel have authority and responsibility for planning, directing and controlling the Company's activities and consist of Yellow Pages Limited's executive team and the members of the Board.

Total compensation expense for key management personnel, and the composition thereof, is as follows:

For the years ended December 31,	2021	2020
Salary, board fees and short-term incentive plans	\$ 5,466	\$ 5,375
Post-employment benefits	298	397
Share-based compensation expense, including share price revaluation	8,901	7,178
All other compensation	946	2,082
	\$ 15,611	\$ 15,032