

amount over actual royalties earned (“shortfall”) is recognized straight-line over the remaining license period once an expected shortfall is probable.

- Home entertainment - Sales of our motion pictures to retailers and distributors in physical formats (DVD and Blu-ray) are recognized as revenue on the later of the delivery date or the date that the product can be sold by retailers. We reduce home entertainment revenues for estimated future returns of merchandise and sales incentives based upon historical return experience, current economic trends and projections of consumer demand for our products. Sales of our motion pictures in electronic formats are recognized as revenue when the product is available for use by the consumer.
- Taxes - Taxes collected from customers and remitted to governmental authorities are excluded from revenue.
- Shipping and handling - Fees collected from customers for shipping and handling are recorded as revenue and the related shipping expenses are recorded in cost of products upon delivery of the product to the consumer.

Allowance for Doubtful Accounts

The Company maintains an allowance for doubtful accounts to reserve for potentially uncollectible receivables. The allowance for doubtful accounts is estimated based on our analysis of trends in overall receivables aging, specific identification of certain receivables that are at risk of not being paid, past collection experience and current economic trends.

Advertising Expense

Advertising costs are expensed as incurred. Advertising expense for fiscal 2019, 2018 and 2017 was \$4.3 billion, \$2.8 billion and \$2.6 billion, respectively. The increase in advertising expense for fiscal 2019 compared to fiscal 2018 was primarily due to the consolidation of TFCF and Hulu's operations.

Cash and Cash Equivalents

Cash and cash equivalents consist of cash on hand and marketable securities with original maturities of three months or less.

Cash and cash equivalents subject to contractual restrictions and not readily available are classified as restricted cash. The Company's restricted cash balances are primarily made up of cash posted as collateral for certain derivative instruments.

The following table provides a reconciliation of cash, cash equivalents and restricted cash reported in the Consolidated Balance Sheet to the total of the amounts in the Consolidated Statement of Cash Flows.

	September 28, 2019	September 29, 2018	September 30, 2017
Cash and cash equivalents	\$ 5,418	\$ 4,150	\$ 4,017
Restricted cash included in:			
Other current assets	26	1	26
Other assets	11	4	21
Total cash, cash equivalents and restricted cash in the statement of cash flows	<u>\$ 5,455</u>	<u>\$ 4,155</u>	<u>\$ 4,064</u>

Investments

Investments in equity securities with a readily determinable fair value, not accounted for under the equity method, are recorded at that value with unrealized gains and losses included in earnings. For equity securities without a readily determinable fair value, the investment is recorded at cost, less any impairment, plus or minus adjustments related to observable transactions for the same or similar securities, with unrealized gains and losses included in earnings.

For equity method investments, the Company regularly reviews its investments to determine whether there is a decline in fair value below book value. If there is a decline that is other-than-temporary, the investment is written down to fair value.

Translation Policy

Generally, the U.S. dollar is the functional currency for our international film and television distribution and licensing businesses and the branded International Channels. Generally, the local currency is the functional currency for the Asia Theme Parks, Disneyland Paris, the branded International Channels that primarily source and exploit their content locally (primarily Star branded channels in India and international sports channels) and international locations of The Disney Stores.

For U.S. dollar functional currency locations, foreign currency assets and liabilities are remeasured into U.S. dollars at end-of-period exchange rates, except for non-monetary balance sheet accounts, which are remeasured at historical exchange

rates. Revenue and expenses are remeasured at average exchange rates in effect during each period, except for those expenses related to the non-monetary balance sheet amounts, which are remeasured at historical exchange rates. Gains or losses from foreign currency remeasurement are included in income.

For local currency functional locations, assets and liabilities are translated at end-of-period rates while revenues and expenses are translated at average rates in effect during the period. Equity is translated at historical rates and the resulting cumulative translation adjustments are included as a component of accumulated other comprehensive income/(loss) (AOCI).

Inventories

Inventory primarily includes vacation timeshare units, merchandise, food, materials and supplies. Carrying amounts of vacation ownership units are recorded at the lower of cost or net realizable value. Carrying amounts of merchandise, food, materials and supplies inventories are generally determined on a moving average cost basis and are recorded at the lower of cost or net realizable value.

Film and Television Costs

Film and television production costs include capitalizable direct costs, production overhead, interest and development costs and are stated at the lower of cost, less accumulated amortization, or fair value. Acquired programming costs for the Company's cable and broadcast television networks are stated at the lower of cost, less accumulated amortization, or net realizable value. Acquired television broadcast program licenses and rights are recorded when the license period begins and the program is available for use. Marketing, distribution and general and administrative costs are expensed as incurred.

Film and television production, participation and residual costs are expensed over the applicable product life cycle based upon the ratio of the current period's revenues to estimated remaining total revenues (Ultimate Revenues) for each production. For film productions, Ultimate Revenues include revenues from all sources that will be earned within ten years from the date of the initial theatrical release. For television series, Ultimate Revenues include revenues that will be earned within ten years from delivery of the first episode, or if still in production, five years from delivery of the most recent episode, if later. For acquired film libraries, remaining revenues include amounts to be earned for up to twenty years from the date of acquisition. Costs of film and television productions are subject to regular recoverability assessments, which compare the estimated fair values with the unamortized costs. The Company bases these fair value measurements on the Company's assumptions about how market participants would price the assets at the balance sheet date, which may be different than the amounts ultimately realized in future periods. The amount by which the unamortized costs of film and television productions exceed their estimated fair values is written off. Film development costs for projects that have been abandoned are written off. Projects that have not been set for production within three years are also written off unless management has committed to a plan to proceed with the project and is actively working on and funding the project.

The costs of television broadcast rights for acquired series, movies and other programs are expensed on an accelerated or straight-line basis over the useful life, or over the number of times the program is expected to be aired, as appropriate. Rights costs for multi-year sports programming arrangements are amortized during the applicable seasons based on the estimated relative value of each year in the arrangement. The estimated value of each year is based on our projections of revenues over the contract period, which include advertising revenue and an allocation of affiliate revenue. If the annual contractual payments related to each season approximate each season's estimated relative value, we expense the related contractual payments during the applicable season. Individual programs are written off when there are no plans to air or sublicense the program.

The net realizable values of network television broadcast program licenses and rights are reviewed for recoverability using a daypart methodology. A daypart is defined as an aggregation of programs broadcast during a particular time of day or programs of a similar type. The Company's dayparts are: primetime, daytime, late night, news and sports (includes broadcast and cable networks). The net realizable values of other cable programming assets are reviewed on an aggregated basis for each cable network.

The costs of film and television series that are used by our DTC services are expensed based on historical and estimated viewing patterns, which may be on an accelerated or straight-line basis, as appropriate. The unamortized costs are reviewed for impairment on an aggregate basis for each service.

Internal-Use Software Costs

The Company expenses costs incurred in the preliminary project stage of developing or acquiring internal use software, such as research and feasibility studies as well as costs incurred in the post-implementation/operational stage, such as maintenance and training. Capitalization of software development costs occurs only after the preliminary-project stage is complete, management authorizes the project and it is probable that the project will be completed and the software will be used for the function intended. As of September 28, 2019 and September 29, 2018, capitalized software costs, net of accumulated depreciation, totaled \$927 million and \$659 million, respectively. The capitalized costs are amortized on a straight-line basis over the estimated useful life of the software up to 10 years.

Software Product Development Costs

Software product development costs incurred prior to reaching technological feasibility are expensed. We have determined that technological feasibility of our video game software is generally not established until substantially all product development is complete.

Parks, Resorts and Other Property

Parks, resorts and other property are carried at historical cost. Depreciation is computed on the straight-line method, generally over estimated useful lives as follows:

Attractions, buildings and improvements	20 – 40 years
Furniture, fixtures and equipment	3 – 25 years
Land improvements	20 – 40 years
Leasehold improvements	Life of lease or asset life if less

Goodwill, Other Intangible Assets and Long-Lived Assets

The Company is required to test goodwill and other indefinite-lived intangible assets for impairment on an annual basis and if current events or circumstances require, on an interim basis. Goodwill is allocated to various reporting units, which are an operating segment or one level below the operating segment. The Company compares the fair value of each reporting unit to its carrying amount, and to the extent the carrying amount exceeds the fair value, an impairment of goodwill is recognized for the excess up to the amount of goodwill allocated to the reporting unit.

The impairment test for goodwill requires judgment related to the identification of reporting units, the assignment of assets and liabilities to reporting units including goodwill, and the determination of fair value of the reporting units. To determine the fair value of our reporting units, we generally use a present value technique (discounted cash flows) corroborated by market multiples when available and as appropriate. We apply what we believe to be the most appropriate valuation methodology for each of our reporting units. The projected cash flows of our reporting units reflect intersegment revenues and expenses for the sale and use of intellectual property as if it was licensed to an unrelated third party.

In times of adverse economic conditions in the global economy, the Company's long-term cash flow projections are subject to a greater degree of uncertainty than usual. If we had established different reporting units or utilized different valuation methodologies or assumptions, the impairment test results could differ, and we could be required to record impairment charges.

The Company is required to compare the fair values of other indefinite-lived intangible assets to their carrying amounts. If the carrying amount of an indefinite-lived intangible asset exceeds its fair value, an impairment loss is recognized for the excess. Fair values of other indefinite-lived intangible assets are determined based on discounted cash flows or appraised values, as appropriate. The Company has determined that there are currently no legal, competitive, economic or other factors that materially limit the useful life of our FCC licenses and trademarks.

Amortizable intangible assets are generally amortized on a straight-line basis over periods up to 40 years. The costs to periodically renew our intangible assets are expensed as incurred.

The Company tests long-lived assets, including amortizable intangible assets, for impairment whenever events or changes in circumstances (triggering events) indicate that the carrying amount may not be recoverable. Once a triggering event has occurred, the impairment test employed is based on whether the intent is to hold the asset for continued use or to hold the asset for sale. The impairment test for assets held for use requires a comparison of cash flows expected to be generated over the useful life of an asset group to the carrying value of the asset group. An asset group is established by identifying the lowest level of cash flows generated by a group of assets that are largely independent of the cash flows of other assets and could include assets used across multiple businesses or segments. If the carrying value of an asset group exceeds the estimated undiscounted future cash flows, an impairment would be measured as the difference between the fair value of the group's long-lived assets and the carrying value of the group's long-lived assets. The impairment is allocated to the long-lived assets of the group on a pro rata basis using the relative carrying amounts, but only to the extent the carrying value of each asset is above its fair value. For assets held for sale, to the extent the carrying value is greater than the asset's fair value less costs to sell, an impairment loss is recognized for the difference.

The Company tested its goodwill and other indefinite-lived intangible assets, long-lived assets and investments for impairment and recorded non-cash impairment charges of \$538 million, \$210 million and \$22 million in fiscal 2019, 2018 and 2017, respectively. The fiscal 2019 and fiscal 2018 impairment charges related to equity investments and were recorded in "Equity in the income (loss) of investees, net" in the Consolidated Statements of Income. The fiscal 2017 impairment charges were recorded in "Restructuring and impairment charges" in the Consolidated Statements of Income.