



Module 54: Sum of Years Depreciation

54.1 Sum of Years Depreciation

The Sum of Years Depreciation, or SYD, function in Excel is used to calculate just how much the value of an asset decreases over the course of its specified lifetime.

It is an especially useful function when calculating the total value of assets a company has, and for making predictions about the future value of an asset or set of assets.

The formula for the SYD function is: **SYD(cost, salvage, life, per)**

cost - The original cost of the asset

salvage - The value at the end of the period of depreciation

life - The number of periods (this could be days, weeks, months, years, etc.) of the lifetime of the asset
Per - This is the period. It must be the same units as the life

54.2 Instructional Video

Sum of Years Depreciation - 1m 58s

54.3 Task

Estimated Time: 10 minutes

Download the worksheet that accompanies this video by clicking below. Once downloaded, practice using the Sum of Years Depreciation formula in Excel using the video above as a reference.

[Download Worksheet](#)

Option #2: Worksheet without formula

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