

Composite Conversion Factors

Since cost is multiplied by an index factor and then by a percent good based on remaining economic life, the same result could be obtained by first multiplying the trending factor and % good factor by each other to generate a single composite factor, and then multiplying the historic cost by the composite factor. Once data is compiled for indices and depreciation, they are known as composite conversion factors.

$$\text{Index X Percent Good Factor} = \text{Composite Conversion Factor}$$

(iii) **Composite conversion factors.** The appraisal staff shall, in accordance with this Rule, use the composite conversion factors as provided in this subparagraph and apply the appropriate factor to the original cost new of personal property to arrive at the basic cost approach value. The last composite conversion factor in each economic life group shall not be trended and shall represent the residual value.

(I) **Group I composite conversion factors.** The following composite conversion factors shall be applied to Group I assets to arrive at the basic cost approach value for years one through seven: Y1-.87, Y2-.74, Y3-.58, Y4-.43, Y5-.32, Y6-.26, Y7-.21. Thereafter the residual composite conversion factor shall be .20.

(II) **Group II composite conversion factors.** The following composite conversion factors shall be applied to Group II assets to arrive at the basic cost approach value for years one through eleven: Y1-.92, Y2-.85, Y3-.78, Y4-.70, Y5-.63, Y6-.54, Y7-.44, Y8-.34, Y9-.28, Y10-.25, Y11-.25. Thereafter the residual composite conversion factor shall be .20.

(III) **Group III composite conversion factors.** The following composite conversion factors shall be applied to Group III assets to arrive at the basic cost approach value for years one through sixteen: Y1-.95, Y2-.91, Y3-.87, Y4-.82, Y5-.79, Y6-.75, Y7-.70, Y8-.63, Y9-.57, Y10-.52, Y11-.47, Y12-.41, Y13-.35, Y14-.31, Y15-.29, Y16-.28. Thereafter the residual composite conversion factor shall be .20.

(IV) **Group IV composite conversion factors.** The following composite conversion factors shall be applied to Group IV assets to arrive at the basic cost approach value for years one through three: Y1-.67, Y2-.54, Y3-.31. Thereafter the residual composite conversion factor shall be .10.