

Resolving Insolvency

Doing Business studies the time, cost and outcome of insolvency proceedings involving domestic legal entities. These variables are used to calculate the recovery rate, which is recorded as cents on the dollar recovered by secured creditors through reorganization, liquidation or debt enforcement (foreclosure or receivership) proceedings. To determine the present value of the amount recovered by creditors, *Doing Business* uses the lending rates from the International Monetary Fund, supplemented with data from central banks and the Economist Intelligence Unit. The most recent round of data collection was completed in May 2019. [See the methodology for more information.](#)

What the indicators measure	Case study assumptions
<p>Time required to recover debt (years)</p> <ul style="list-style-type: none"> • Measured in calendar years • Appeals and requests for extension are included <p>Cost required to recover debt (% of debtor's estate)</p> <ul style="list-style-type: none"> • Measured as percentage of estate value • Court fees • Fees of insolvency administrators • Lawyers' fees • Assessors' and auctioneers' fees • Other related fees <p>Outcome</p> <ul style="list-style-type: none"> • Whether business continues operating as a going concern or business assets are sold piecemeal <p>Recovery rate for creditors</p> <ul style="list-style-type: none"> • Measures the cents on the dollar recovered by secured creditors • Outcome for the business (survival or not) determines the maximum value that can be recovered • Official costs of the insolvency proceedings are deducted • Depreciation of furniture is taken into account • Present value of debt recovered <p>Strength of insolvency framework index (0- 16)</p> <ul style="list-style-type: none"> • Sum of the scores of four component indices: • Commencement of proceedings index (0-3) • Management of debtor's assets index (0-6) • Reorganization proceedings index (0-3) • Creditor participation index (0-4) 	<p>To make the data on the time, cost and outcome comparable across economies, several assumptions about the business and the case are used:</p> <ul style="list-style-type: none"> - A hotel located in the largest city (or cities) has 201 employees and 50 suppliers. The hotel experiences financial difficulties. - The value of the hotel is 100% of the income per capita or the equivalent in local currency of USD 200,000, whichever is greater. - The hotel has a loan from a domestic bank, secured by a mortgage over the hotel's real estate. The hotel cannot pay back the loan, but makes enough money to operate otherwise. <p>In addition, <i>Doing Business</i> evaluates the quality of legal framework applicable to judicial liquidation and reorganization proceedings and the extent to which best insolvency practices have been implemented in each economy covered.</p>