Expert + Independent * Nonprofit

## Reliability by category (New models)

Small cars | Family cars | Upscale cars | Large cars | Luxury cars | Coupes and convertibles | Vans | Sporty cars | Wagons \& hatchbacks | Minivans | Small SUVs | Midsized SUVs | Large SUVs | Compact pickup trucks | Full-sized pickup trucks

## Our in-depth data let us predict how this year's models will fare.

Reliability is an important concern for the new-car buyer, but a difficult quality to discern. CR's annual reliability surveys can help. Our latest survey, conducted in the spring of 2004, yielded information on 810,000 vehicles spanning the 1997 to 2004 model years. By looking at these data for past model years, we can predict how current models are likely to hold up.

To create the scores shown here, we average the overall reliability scores for the last three years, where available, provided the vehicle didn't change significantly in that time and hasn't for 2004. We've found that three years' data is a better predictor than is the single most recent model year.

Each car's overall score is calculated for its 2002, 2003, and 2004 versions. It's also weighted to emphasize more serious problem areas, including the engine, transmission, cooling system, and drive system. This overall score is then compared with the average for all the 2002, 2003, and 2004 cars in the survey. The charts reflect how the car compared with that all-car average.

The Predicted Reliability ratings at the bottom of each graph are based on a range. For example: Average stretches 20 points on either side of zero. So a car may have an average Predicted Reliability rating even if its score is a negative number. A broken bar indicates a percentage that extends beyond the chart.

In cases where a vehicle was new or was redesigned last year, or where we simply lack sufficient data, we may rely on one year's data--indicated by an asterisk (*)--if that's all that's available. Otherwise, the score is based on at least two.

Most new models don't appear here since we don't yet know how they'll rank. We make predictions for some models if the manufacturer's track record is consistent. Unless noted, all versions (body styles, drive wheels, powertrains) are included under the listed model.


Small cars

| Make and model | Overall score |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | era |  |  | \% Better Than Average |
|  | -80 | -40 | $-20$ | 0 | 20 | 40 | 80 |
| Toyota Echo |  |  |  |  |  |  |  |
| Toyota Corolla |  |  |  |  |  |  |  |
| Honda Civic |  |  |  |  |  |  |  |
| Mazda3* |  |  |  |  |  |  |  |
| Mitsubishi Lancer (non-turbo) |  |  |  |  |  |  |  |
| Subaru Impreza (non-turbo) |  |  |  |  |  |  |  |
| Hyundai Elantra |  |  |  |  |  |  |  |
| Ford Focus Sedan |  |  |  |  |  |  |  |


| Suzuki Aerio* |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Hyundai Accent |  |  |  |  |  |  |
| Chevrolet Cavalier |  |  |  |  |  |  |
| Dodge Neon |  |  |  |  |  |  |
| Nissan Sentra |  |  |  |  |  |  |
| Saturn lon |  |  |  |  |  |  |
| Volkswagen Golf |  |  |  |  |  |  |
| Volkswagen Jetta |  |  |  |  |  |  |
| Volkswagen New Beetle |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  | $\odot$ |  | $\odot$ | $\odot$ |  |

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Family cars

| Make and model | Overall score |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  |  | $\begin{array}{r} \hline \hline \text { Better } \\ \text { Than } \\ \text { Average } \end{array}$ |
|  | -80 | -40 |  | 0 | 20 | 40 | 80 |
| Toyota Prius* |  |  |  |  |  |  |  |
| Toyota Camry |  |  |  |  |  |  |  |
| Pontiac Grand Prix* |  |  |  |  |  |  |  |
| Hyundai Sonata |  |  |  |  |  |  |  |
| Nissan Maxima* |  |  |  |  |  |  |  |
| Subaru Outback H6 |  |  |  |  |  |  |  |
| Subaru Legacy/Outback (4-cyl.) |  |  |  |  |  |  |  |
| Honda Accord |  |  |  |  |  |  |  |
| Chevrolet Impala |  |  |  |  |  |  |  |
| Hyundai XG350 |  |  |  |  |  |  |  |
| Nissan Altima |  |  |  |  |  |  |  |
| Ford Taurus Sedan |  |  |  |  |  |  |  |
| Mercury Sable Sedan |  |  |  |  |  |  |  |
| Volkswagen Passat (FWD) |  |  |  |  |  |  |  |
| Mazda6 |  |  |  |  |  |  |  |
| Chevrolet Malibu* |  |  |  |  |  |  |  |
| Chrysler Sebring Sedan |  |  |  |  |  |  |  |
| Dodge Stratus Sedan |  |  |  |  |  |  |  |
| Volkswagen Passat (AWD) |  |  |  |  |  |  |  |
| Pontiac Grand Prix (Supercharged)* |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY | O | - |  | O |  | $\bigcirc$ | $\bullet$ |

Upscale cars

| Make and model | Overall score |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { 若 Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  |  | $\begin{gathered} \hline \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |  |
|  | -80 |  | -20 | 0 | 20 | 4 |  | 80 |
| Lexus IS300 |  |  |  |  |  |  |  | Z |
| Acura TSX* |  |  |  |  |  |  |  |  |
| Infiniti G35 |  |  |  |  |  |  |  |  |
| Lexus ES330 |  |  |  |  |  | - |  |  |
| Saab 9-5 |  |  |  |  |  |  |  |  |
| Volvo S60 (FWD) |  |  |  |  |  |  |  |  |
| Cadillac CTS |  |  |  | - |  |  |  |  |
| Acura TL* |  |  |  | $\underline{ }$ |  |  |  |  |
| BMW 3 Series |  |  |  | - |  |  |  |  |
| Audi A4 |  |  |  | - |  |  |  |  |
| Lincoln LS |  |  |  |  |  |  |  |  |
| Mercedes-Benz C-Class |  |  |  |  |  |  |  |  |
| Volvo S60 (AWD) |  |  |  |  |  |  |  |  |
| Saab 9-3 |  |  |  |  |  |  |  |  |
| Jaguar X-Type (-89\%) |  |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY | - | $\bigcirc$ |  | $\bigcirc$ |  | $\theta$ |  | $\bigcirc$ |

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Large cars

| Make and model | Overall score |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { \% Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  | $\begin{gathered} \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |  |  |
|  |  | -40 | -20 | 0 | 20 | 40 |  | 80 |
| Toyota Avalon |  |  |  |  |  |  |  |  |
| Ford Crown Victoria |  |  |  | - |  |  |  |  |
| Mercury Grand Marquis |  |  |  | - |  |  |  |  |
| Lincoln Town Car |  |  |  | - |  |  |  |  |
| Buick LeSabre |  |  |  | d |  |  |  |  |
| Buick Park Avenue |  |  |  |  |  |  |  |  |
| Pontiac Bonneville |  |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  | $\bigcirc$ |  | $\bigcirc$ |  | $\bigcirc$ | - |  |

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## Luxury cars

| Make and model | Overall score |
| :--- | :--- |
|  |  |



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Coupes \& convertibles

| Make and model | Overall score |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { \% Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  |  | $\begin{gathered} \hline \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |  |
|  |  |  | -20 | 0 |  | 40 |  | 80 |
| Lexus SC430 |  |  |  |  |  |  |  |  |
| Chevrolet Monte Carlo |  |  |  |  |  |  |  |  |
| Chrysler Sebring Coupe* |  |  |  |  |  |  |  |  |
| Dodge Stratus Coupe* |  |  |  |  |  |  |  |  |
| Toyota Camry Solara* |  |  |  |  |  |  |  |  |
| Pontiac Sunfire Coupe |  |  |  | - |  |  |  |  |
| Chrysler Sebring Convertible |  |  |  |  |  |  |  |  |
| Mercedes-Benz CLK (-84\%) |  |  |  |  |  |  |  |  |
| Mercedes-Benz SL* (-135\%) |  |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  |  |  | $\bigcirc$ |  | $\bigcirc$ |  | - |

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## Vans

| Make and model | Overall score |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { \% Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  | $\begin{gathered} \hline \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |  |
|  |  |  | -20 | 0 |  |  | 80 |
| Ford Econoline Wagon/Van |  |  |  |  |  |  |  |
| GMC Savana Van 1500 (-111) |  |  |  |  |  |  |  |
| Chevrolet Express Van 1500 (-111) |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  | $\bigcirc$ |  | $\bigcirc$ | $\bigcirc$ |  |  |

Sporty cars

| Make and model | Overall score |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% Worse Than Average |  | Average |  |  | \% Better Than Average |  |
|  |  | -40 | -20 | 0 | 20 |  | 80 |
| Toyota Celica |  |  |  |  |  |  |  |
| Acura RSX |  |  |  |  |  |  |  |
| Mazda MX-5 Miata |  |  |  |  |  |  |  |
| Subaru Impreza WRX |  |  |  |  |  |  |  |
| Mitsubishi Eclipse |  |  |  |  |  |  |  |
| Porsche 911, Carrera |  |  |  |  |  |  |  |
| Ford Thunderbird |  |  |  |  |  |  |  |
| Honda S2000 |  |  |  |  |  |  |  |
| Nissan 350Z |  |  |  |  |  |  |  |
| Porsche Boxster |  |  |  |  |  |  |  |
| Audi TT |  |  |  |  |  |  |  |
| Mazda RX-8* |  |  |  |  |  |  |  |
| Mini Cooper |  |  |  |  |  |  |  |
| BMW Z4 |  |  |  |  |  |  |  |
| Hyundai Tiburon* (-92\%) |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  | - |  | $\bigcirc$ |  | $\bigcirc$ | $\bullet$ |

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Wagons \& Hatchbacks

| Make and model | Overall score |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { \% Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  | $\begin{gathered} \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |  |
|  | 80 |  | -20 | 0 | 20 | 40 | 80 |
| Scion $\times B^{*}$ |  |  |  |  |  |  |  |
| Toyota Matrix |  |  |  |  |  |  |  |
| Pontiac Vibe |  |  |  |  |  |  |  |
| Subaru Impreza Wagon |  |  |  |  |  |  |  |
| Subaru Outback H6 |  |  |  |  |  |  |  |
| Chrysler PT Cruiser |  |  |  |  |  |  |  |
| Ford Focus Hatchback |  |  |  |  |  |  |  |
| Ford Focus Wagon |  |  |  |  |  |  |  |
| Ford Taurus Wagon |  |  |  |  |  |  |  |
| Mercury Sable Wagon |  |  |  | - |  |  |  |
| Volvo V70/XC70 |  |  |  | - |  |  |  |
| Audi A6 Allroad |  |  |  |  |  |  |  |



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Minivans

| Make and model | Overall score |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  |  |  | $\begin{gathered} \hline \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |
|  |  | -40 | - |  | 0 | 20 | 40 | 80 |
| Toyota Sienna* |  |  |  |  |  |  |  |  |
| Chrysler Town \& Country (ext, 2WD) |  |  |  | - |  |  |  |  |
| Dodge Grand Caravan (2WD) |  |  |  | - |  |  |  |  |
| Ford Freestar* |  |  |  |  |  |  |  |  |
| Mercury Monterey* |  |  |  |  |  |  |  |  |
| Chrysler Town \& Country (reg) |  |  |  |  |  |  |  |  |
| Dodge Caravan |  |  |  |  |  |  |  |  |
| Chrysler Town \& Country (ext, AWD) |  |  |  |  |  |  |  |  |
| Dodge Grand Caravan (AWD) |  |  |  |  |  |  |  |  |
| Kia Sedona |  |  |  |  |  |  |  |  |
| Mazda MPV |  |  |  |  |  |  |  |  |
| Chevrolet Astro (-97\%) |  |  |  |  |  |  |  |  |
| GMC Safari (-97\%) |  |  |  |  |  |  |  |  |
| Nissan Quest* (-115\%) |  |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  |  | - |  | ) | $\theta$ | - | - |

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Small SUVs

| Make and model | Overall score |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% WorseThanAverage |  | Average |  |  |  | $\begin{gathered} \hline \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |
|  | -80 | -40 | -20 | 0 | 20 | $0 \quad 40$ | 80 |
| Toyota RAV4 |  |  |  |  |  |  |  |
| Honda Element |  |  |  |  |  |  |  |
| Honda CR-V |  |  |  |  |  |  |  |
| Subaru Forester |  |  |  |  |  |  |  |
| Mitsubishi Outlander* |  |  |  |  |  |  |  |
| Hyundai Santa Fe |  |  |  |  |  |  |  |
| Ford Escape |  |  |  |  |  |  |  |
| Mazda Tribute |  |  |  |  |  |  |  |
| Kia Sorento |  |  |  |  |  |  |  |
| Suzuki Grand Vitara, XL-7 |  |  |  |  | $\square$ |  |  |


| Jeep Liberty |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Jeep Wrangler |  |  |  |  |  |  |
| Pontiac Aztek |  |  |  |  |  |  |
| Saturn Vue |  |  |  |  |  |  |
| Land Rover Freelander (-177\%) |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  |  |  | $\bigcirc$ | $\ominus$ | $\odot$ |

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Midsized SUVs


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Large SUVs

| Make and model | Overall score |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { W Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  |  | $\begin{gathered} \hline \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |  |
|  |  | -40 | -20 | 0 | 20 |  |  | 80 |
| Toyota Land Cruiser |  |  |  |  |  |  |  |  |
| Lexus LX470 |  |  |  |  |  |  |  |  |
| Toyota Sequoia |  |  |  |  |  |  |  |  |
| Dodge Durango* |  |  |  |  |  |  |  |  |
| Chevrolet Suburban |  |  |  | , |  |  |  |  |
| GMC Yukon XL |  |  |  | , |  |  |  |  |
| Chevrolet Tahoe |  |  |  |  |  |  |  |  |
| GMC Yukon |  |  |  |  |  |  |  |  |
| Cadillac Escalade |  |  |  | - |  |  |  |  |
| Hummer H2 |  |  |  |  |  |  |  |  |
| Ford Excursion |  |  |  |  |  |  |  |  |
| Ford Expedition (-85\%) |  |  |  |  |  |  |  |  |
| Nissan Armada* (-111\%) |  |  |  |  |  |  |  |  |
| Lincoln Navigator (-181\%) |  |  |  |  |  |  |  |  |
| PREDICTED RELIABILITY |  | - |  | $\bigcirc$ |  | $\bigcirc$ |  | - |

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Compact pickup trucks


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Full-sized pickup trucks

| Make and model | Overall score |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { \% Worse } \\ & \text { Than } \\ & \text { Average } \end{aligned}$ |  | Average |  |  | $\begin{gathered} \text { \% Better } \\ \text { Than } \\ \text { Average } \end{gathered}$ |  |
|  | -80 | -40 |  | 0 | 20 |  | 80 |
| Toyota Tundra |  |  |  |  | , |  |  |


| Ford F-150 (2WD)* |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Dodge Ram 1500 |  |  |  |  |  |
| Nissan Titan* |  |  |  |  |  |
| Chevrolet Avalanche |  |  |  |  |  |
| Chevrolet Silverado 1500 |  |  |  |  |  |
| GMC Sierra 1500 |  |  |  |  |  |
| Ford F-150 (4WD)* |  |  |  |  |  |
| PREDICTED RELIABILITY |  |  |  |  |  |

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