



1966(Lyndon Johnson)(Highway Safety Act)(National Highway Traffic Safety Administration, NHTSA) (Federal Motor Vehicle Safety Standards, FMVSS)[6]1971

25  
(New Car Assessment Program, NCAP ) (Insurance Institute Highway Safety, IIHS)?

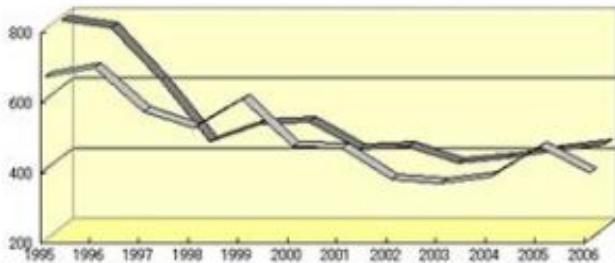
NCAP  
1979  
56??/64??/

(Anti Brake System, ABS)(rearview camera)

(100 million miles)19351719961.660[7]  
50[8]

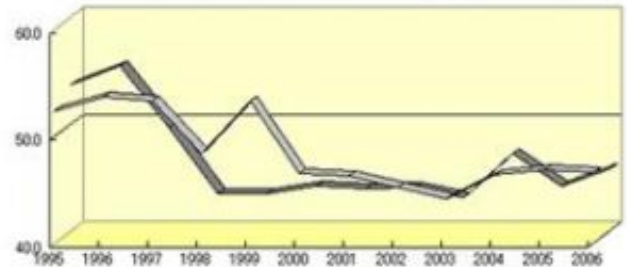
頭部傷害值 (HIC) の経年変化

□ 運転席 ■ 助手席



胸部に発生する加速度の経年変化

□ 運転席 ■ 助手席



?1:????????????????????1995-2006????????????????????

??9????????????????????(torso side airbags)???  
11%????????????????????????????????(head- protecting airbags)????45%????[9]





??????2008???1995????ECE R94/ 95????????????2016????????????ECE 1995???  
??  
??  
??

?1 ??????????????					
????	??	??	??	??	??
????	Euro NCAP 64 km/h	IIHS 64 km/h	J- NCAP 64 km/h	C- NAP 64 km/h	56 km/h (?)
??40%					
????	50 km/h	50 km/h	55 km/h	55 km/h	50 km/h
????	?	?	?	?	?
??????					
??????	?/ ??	?/ ??	?/ ??	?/ ??	?
??????	?	?	?	?	?
??????	?	?	?	?	?
??????	????29km /h	???????????? ?	????????????	?	?
????	???	???	???	???	???
????	????	????	????	????	??/ ???
??64km/h ??????? 56km/h ? 30%????????????					

????????????????????  
12.8+%?[\[12\]](#)?2014????????401????5?270????  
????????????????????



??E- NCAP??????????

### 歩行者保護性能評価



#### 【頭部保護性能試験】

- 車が時速44kmで歩行者と衝突した際のボンネット等の加害性を評価する試験です。

??5??

????????????????????2014????401??????5?270????

?????J- NCAP

????????????

????????????????????????????????(ARTC)????????????????????(VSCC)????????????????????  
??? ARTC????????????????????????????????????  
??

1.??  
??

2.??  
ARTC????????????1985?3?15  
??1990  
????????????????????????26%????????????????????[13]  
????????????????????????[14]  
??  
????????????????????

3.??  
?????

4.??  
????????????????????[15]??

5.??  
??  
??

6.????????(Democratising Car  
Safet)??NCAP??? (Global  
NCAP)??(Democratising Car Safety: Globe Polivy  
Update : Road Map for Safer  
Vehicles)  
????????????????????????????  
????????????????????????130????????????????[16]  
??

7.?? NCAP ?????????????????????????????  
NCAP  
????????????????  
????????????????????????  
????????????????????????NCAP????????????????????NCAP  
??NCAP





註解:

[1]????????????????066????????????????104?4?15?????1?

[2]?????????103????????????????2016?1?12?????54  
????????????????????24??

[3]??????"??????4,750"????????????????2014?8?21???

[4]????????????

[5]????????????????066????????

[6] American Iron and Steel Institute, Vehicle Crashworthiness and Occupant Protection,(Michigan: Automotive Application Committee, American Iron and Steel Institute,2004), p. 2.

[7] American Iron and Steel Institute, Vehicle Crashworthiness and Occupant Protection,Ibid.

[8]?????????????< <http://www.mlit.go.jp/jidosha/anzen/02assessment/analysis.html>  
>?????2016?3?23??

[9] IIHS, " In real-world crashes, side airbags with head protection are saving lives" IIHS News, Aug. 23, 2003.  
<http://goo.gl/axvnux> ?last viewed: Mar. 22, 2016?

[10] Alex Nunez, "In German crash test, China's Brilliance BS6 sedan fails miserably" <<http://goo.gl/Cj4K9G>> (last  
visited: Mar. 24, 2016)

[11] "How C-NCAP and China's passive safety regulations will catch up with Europe by 2018  
," December 5, 2014 < <http://goo.gl/ai3Xui>> ((last visited: Mar. 22, 2016))

[12]??2-3?

[13]????????????????102????????????????????????2012?????1?

[14]  
ARTC????????????????????????ARTC????????????2012????????2015  
??

