??130?????????????????(Globe NCAP) ??17
????????????????????????
??????????????????????????????20??

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

??????2014???????????
29?5,092??[1]39?2,735????3,138?????????????13.4%?[2]
?????????????????????????????????????
5.2????????5????????????15??????????????????????????70%??????????????????????

???1?6??????????1??????????????1??????[3]???102????????????????4,748??????102?GDP?3.3??[4]

????
????????
????????????????
?????????????????????????????????
????????????(1)????????????????????(2)
??????????????????????????????
???????????????????(3)???????????22.8%??????44.1%??[5]
??????????????????????????????????

??

????????

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

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

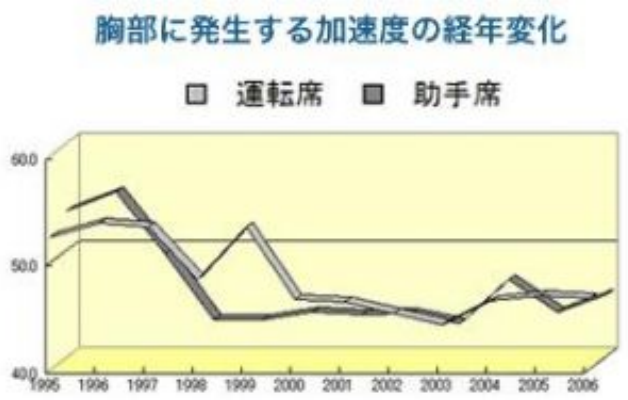
???NCAP
??????????????1979
????????????????????????
??????????????????????????????56??/?????64??/
?????????????????????????????????????

???(Anti Brake System, ABS)?????????????(*rearview camera*) ??

?????????????????????????????????????(100 million miles)?????????1935??17???1996????1.6??60???????????[7]
???????????????????????????????????
??????????50??[8]??

發佈：2016-04-27, 週三 09:57
點擊數：25384





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

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

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384



??2??????????????????????????????source: IIHS

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

??????????????????????????????2008???????????30??????13?????????????20
?????????O??? ECE R94/ 95 (United Nations Economic Commission for Europe
)??????????2012??

?????NCAP???????????????????????????2007????????????????????? Brilliance
BS6
??????????
??[10]???????????

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384



?3????BMW 7????????5????????????????????????????
NCAP????1?????????????2007??Source: ADAC

?????2006?????NCAP?????C-NCAP??? C-NCAP???10????????2012????C-NCAP????(2012??)????????????????????????64km/h?????????????????????(Electronic Stability Control，ESC) ????????????????????????

????????????????????????
???????2018?????????????????[11]?2015?7?1???????C-NCAP????(2015??)????????????
??

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384

???????2008???1995????ECE R94/ 95??????????????????2016???????????ECE 1995???
??
??1??????????????????????
??

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

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384





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



?5??????????????????????

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

?????J- NCAP

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384

???????????

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

1.??
??

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

3.??
????

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

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

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384

??
??????????????????????20????????????????????????????

8.?????????????
??????????????????????????????
???????????????NCAP
??



??????????(NCAP)??????????????

tyle='font-size:10.0pt'>2014????401??????5?270???? ?????J- NCAP

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384

??

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

?? NCAP ????????????????????????
NCAP
?????????????
????????????????????????????
????????????????????????NCAP???????????????NCAP
??NCAP
??
??????????????????????20????????????????????????????????

?????????????????
????????????????????????????????????
????????NCAP??

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

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

Phoca PDF

發佈：2016-04-27, 週三 09:57
點擊數：25384

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.

Phoca PDF

[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
??????????????????????????????????

發佈：2016-04-27, 週三 09:57
點擊數：25384

[15]
??

[16] Global NCAP, Democratising Car Safety: Globe Polivy Update : Road Map for Safer Vehicles(London: Globe NCAP, 2015), pp. 1-2.

Phoca PDF