

**WRITTEN QUESTION TO THE MINISTER FOR INFRASTRUCTURE
BY DEPUTY M.R. HIGGINS OF ST. HELIER
ANSWER TO BE TABLED ON TUESDAY 28TH MARCH 2017**

Question

Will the Minister publish data for the years 2015 and 2016 to show traffic numbers, flows and accidents during both peak time and non-peak time on St. Aubin's Road and Victoria Avenue; and will he publish similar information in respect of Bellozanne Road, Tower Road, West Hill and any road which runs between St. Aubin's Road and Victoria Avenue?

Answer

The data requested above has been provided below.

Accidents

The Department only has data to May 2016 as more recent data is not yet available. In the period Jan 2015 to May 2016, the following personal injury accidents were recorded:

Road	Fatal	Serious	Slight
Bellozanne Road	0	0	1
Tower Road	0	0	2
West Hill	0	0	0
Victoria Avenue	0	1	7
St. Aubin's Road	0	4	13
Tyneville Lane	0	0	0
Paris Lane	0	0	0
First Tower Link Road	0	0	0
Farleys Lane	0	0	0
La Rue du Galet	0	0	0

The Department does not collect accident information itself, but works from information provided from the States of Jersey Police. Data is not collected where only damage has been caused to vehicles.

Traffic Data

The Department only has traffic data for Victoria Avenue from the roads specified above during 2015 and 2016.

The data was recorded from a manual traffic count of the PIERSON ROAD / ESPLANADE / VICTORIA AVENUE / A1 Junction and was undertaken on 10/11/2015.

The data for Victoria Avenue is provided over the next six pages.

TIME	B - C						B - D						B - A						B - B							
	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl		
07:00	185	54	19	1	6	0	265	58	12	2	7	1	0	80	0	2	1	0	0	3	0	0	0	0	0	
07:15	215	53	18	4	8	0	298	82	16	7	2	7	0	114	2	0	0	0	0	2	0	0	0	0	0	
07:30	255	82	21	2	10	0	370	77	21	15	1	5	0	119	5	4	0	0	0	9	0	0	0	0	0	
07:45	204	85	19	2	2	0	312	73	16	12	3	5	0	109	8	2	1	0	0	11	0	0	0	0	0	
H/TOT	859	274	77	9	26	0	1245	290	65	36	13	18	0	422	15	8	2	0	0	25	0	0	0	0	0	
08:00	178	76	14	0	3	0	271	80	22	14	2	1	0	119	6	2	0	0	0	8	0	0	0	0	0	
08:15	215	41	13	0	3	0	272	88	19	14	1	1	0	123	3	0	0	0	2	5	0	0	0	0	0	
08:30	226	40	22	0	5	0	293	88	17	2	4	0	0	111	3	2	0	0	0	5	0	0	0	0	0	
08:45	215	42	15	1	2	0	275	79	13	8	2	1	2	105	6	1	0	0	0	7	0	0	0	0	0	
H/TOT	834	199	64	1	13	0	1111	335	71	38	9	3	2	458	18	5	0	0	2	0	25	0	0	0	0	0
P/TOT	1693	473	141	10	39	0	2356	625	136	74	22	21	2	880	33	13	2	0	2	0	50	0	0	0	0	0
07:30	852	284	67	4	18	0	1225	318	78	55	7	12	0	470	22	8	1	0	2	0	33	0	0	0	0	0

TIME	B - C						B - D						B - A						B - B							
	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl		
11:00	193	34	21	0	6	0	254	102	25	15	2	2	0	146	7	0	1	0	0	8	0	0	0	0	0	
11:15	217	47	19	3	4	0	290	91	29	8	4	0	0	132	3	1	0	0	1	5	0	0	0	0	0	
11:30	217	43	27	0	8	0	295	85	23	22	2	1	0	133	5	0	0	0	0	5	0	0	0	0	0	
11:45	213	39	20	0	0	0	272	115	24	18	1	1	0	159	8	1	0	0	0	9	0	0	0	0	0	
H/TOT	840	163	87	3	18	0	1111	393	101	63	9	4	0	570	23	2	1	0	1	0	27	0	0	0	0	0
P/TOT	840	163	87	3	18	0	1111	393	101	63	9	4	0	570	23	2	1	0	1	0	27	0	0	0	0	0

TIME	B - C						B - D						B - A						B - B						
	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl	Car	Lgv	Hgv	Psv	Mcl	Pcl	
15:00	254	45	17	0	18	0	334	98	22	9	2	4	0	135	1	0	0	0	0	1	0	0	0	0	0
15:15	280	32	15	1	10	0	338	113	16	8	3	1	0	141	6	1	0	0	0	7	0	0	0	0	0
15:30	316	36	12	0	18	0	382	110	14	14	2	5	0	145	4	0	0	0	0	4	0	0	0	0	0
15:45	296	60	17	1	10	0	384	113	14	11	4	3	0	145	5	1	1	0	0	7	0	0	0	0	0
H/TOT	1146	173	61	2	56	0	1438	434	66	42	11	13	0	566	16	2	1	0	0	19	0	0	0	0	0
16:00	358	43	23	0	35	0	459	120	18	11	11	10	0	170	1	1	0	0	0	2	0	0	0	0	0
16:15	330	54	10	0	22	0	416	125	24	7	4	12	0	172	9	1	0	0	0	10	0	0	0	0	0
16:30	384	43	8	0	29	0	464	112	34	5	4	11	0	166	19	1	0	0	0	20	0	0	0	0	0
16:45	336	39	3	1	18	1	398	128	16	2	1	7	0	154	1	0	1	0	0	2	0	0	0	0	0
H/TOT	1408	179	44	1	104	1	1737	485	92	25	20	40	0	662	30	3	1	0	0	34	0	0	0	0	0
17:00	380	32	3	0	38	0	453	170	17	1	2	15	1	2											

TIME	C - D						C - A						C - B						C - C						TOT			
	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT
07:00	0	0	0	0	0	0	0	58	11	0	0	7	2	78	178	38	3	0	12	0	231	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	75	12	2	0	7	3	99	272	37	12	0	15	0	336	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	53	11	0	0	7	3	74	368	30	6	2	19	0	425	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	40	6	0	0	11	1	58	426	32	7	2	23	1	491	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	226	40	2	0	32	9	309	1244	137	28	4	69	1	1483	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	48	7	0	0	10	2	67	416	23	11	2	20	1	473	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	42	2	2	0	5	2	53	393	20	19	1	45	0	478	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	43	10	3	0	7	2	65	398	11	12	1	32	0	454	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	36	7	2	0	12	1	58	358	35	9	6	30	0	438	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	169	26	7	0	34	7	243	1565	89	51	10	127	1	1843	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	395	66	9	0	66	16	552	2809	226	79	14	196	2	3326	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	183	26	2	0	33	8	252	1603	105	43	7	107	2	1867	0	0	0	0	0	0	0

TIME	C - D						C - A						C - B						C - C						TOT			
	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT
11:00	0	0	0	0	0	0	0	45	10	3	0	1	0	59	105	24	8	0	4	0	141	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	43	9	1	0	0	1	54	111	23	17	0	2	0	153	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	49	7	3	0	0	0	59	137	20	8	0	4	0	169	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	51	14	6	1	2	0	74	113	29	16	1	1	0	160	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	188	40	13	1	3	1	246	466	96	49	1	11	0	623	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	188	40	13	1	3	1	246	466	96	49	1	11	0	623	0	0	0	0	0	0	0

TIME	C - D						C - A						C - B						C - C						TOT			
	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT
15:00	0	0	0	0	0	0	0	51	14	6	1	2	0	74	159	28	15	0	1	0	203	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	57	12	1	0	2	1	73	177	30	14	1	0	0	222	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	68	17	2	0	2	0	89	155	27	15	0	2	0	199	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	55	10	0	0	1	0	66	153	36	9	4	7	0	209	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	231	53	9	1	7	1	302	644	121	53	5	10	0	833	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	57	24	2	0	1	0	84	126	31	5	0	1	0	163	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	67	16	3	0	4	0	90	137	34	6	0	2	0	179	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	42</td																				

TIME	D - A						D - B						D - C						D - D						TOT		
	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl
07:00	0	0	0	0	0	0	0	53	11	8	1	0	4	77	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	68	17	8	0	4	0	97	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	99	25	7	6	10	1	148	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	105	8	5	7	7	4	136	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	325	61	28	14	21	9	458	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	2	0	0	0	0	0	2	118	11	5	4	8	1	147	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	97	14	11	2	9	1	134	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	1	0	0	0	1	115	12	6	4	17	8	162	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	85	14	3	2	7	3	114	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	2	0	1	0	0	0	3	415	51	25	12	41	13	557	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	2	0	1	0	0	0	3	740	112	53	26	62	22	1015	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	2	419	58	28	19	34	7	565	0	0	0	0	0	0	0	0	0	0	0	0	0

TIME	D - A						D - B						D - C						D - D						TOT		
	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl
11:00	1	0	0	0	0	0	1	43	7	5	3	1	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	2	0	0	0	0	0	2	32	9	14	1	1	1	58	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	1	0	0	0	0	0	1	46	16	5	2	3	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	41	12	11	3	1	1	69	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	4	0	0	0	0	0	4	162	44	35	9	6	2	258	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	4	0	0	0	0	0	4	162	44	35	9	6	2	258	0	0	0	0	0	0	0	0	0	0	0	0	0

TIME	D - A						D - B						D - C						D - D						TOT		
	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl	TOT	Car	Lgv	Hgv	Psv	Mcl	Pcl
15:00	1	0	0	0	0	0	1	51	11	0	2	0	1	65	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	1	0	0	0	0	0	1	60	4	10	4	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	2	0	0	0	0	0	2	51	21	5	1	1	0	79	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	56	12	5	5	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	4	0	0	0	0	0	4	218	48	20	12	1	1	300	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	1	0	0	0	0	1	50	16	6	1	2	2	77	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	3	2	0	0	0	0	5	63	15	1	4	2	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	4	2	0	0	0	0	6	99	19	3	2	2	0	125	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	3	3	0	0	0	0	6	91	7	1	2	2	0	103	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	10	8	0	0	0	0																					

JERSEY SURVEYS
 DAY 1 - 10TH NOVEMBER 2015
 SITE 17 - PIERSON ROAD / ESPLANADE / VICTORIA AVENUE / A1
 PEDESTRIAN TURNING COUNT



TIME	A - B Peds	TOT	A - C Peds	TOT	A - D Peds	TOT	A - A Peds	TOT	TIME	B - C Peds	TOT	B - D Peds	TOT	B - A Peds	TOT	B - B Peds	TOT
07:00	0	0	0	0	0	0	0	0	07:00	0	0	1	1	1	1	0	0
07:15	1	1	1	1	0	0	0	0	07:15	0	0	1	1	0	0	0	0
07:30	2	2	1	1	0	0	0	0	07:30	0	0	1	1	1	1	0	0
07:45	6	6	0	0	0	0	0	0	07:45	0	0	2	2	2	2	0	0
H/TOT	9	9	2	2	0	0	0	0	H/TOT	0	0	5	5	4	4	0	0
08:00	2	2	0	0	0	0	0	0	08:00	0	0	2	2	1	1	0	0
08:15	11	11	0	0	0	0	0	0	08:15	1	1	5	5	1	1	0	0
08:30	8	8	0	0	1	1	0	0	08:30	0	0	7	7	0	0	0	0
08:45	17	17	0	0	0	0	0	0	08:45	0	0	0	0	0	0	0	0
H/TOT	38	38	0	0	1	1	0	0	H/TOT	1	1	14	14	2	2	0	0
P/TOT	47	47	2	2	1	1	0	0	P/TOT	1	1	19	19	6	6	0	0
07:30	21	21	1	1	0	0	0	0		1	1	10	10	5	5	0	0

TIME	A - B Peds	TOT	A - C Peds	TOT	A - D Peds	TOT	A - A Peds	TOT	TIME	B - C Peds	TOT	B - D Peds	TOT	B - A Peds	TOT	B - B Peds	TOT
11:00	4	4	1	1	0	0	0	0	11:00	0	0	2	2	1	1	0	0
11:15	5	5	0	0	0	0	0	0	11:15	0	0	4	4	1	1	0	0
11:30	2	2	0	0	0	0	0	0	11:30	0	0	3	3	0	0	0	0
11:45	2	2	0	0	0	0	0	0	11:45	0	0	5	5	4	4	0	0
H/TOT	13	13	1	1	0	0	0	0	H/TOT	0	0	14	14	6	6	0	0
P/TOT	13	13	1	1	0	0	0	0	P/TOT	0	0	14	14	6	6	0	0

TIME	A - B Peds	TOT	A - C Peds	TOT	A - D Peds	TOT	A - A Peds	TOT	TIME	B - C Peds	TOT	B - D Peds	TOT	B - A Peds	TOT	B - B Peds	TOT
15:00	1	1	0	0	0	0	0	0	15:00	1	1	2	2	6	6	0	0
15:15	3	3	0	0	0	0	0	0	15:15	0	0	4	4	0	0	0	0
15:30	4	4	0	0	0	0	0	0	15:30	0	0	3	3	2	2	0	0
15:45	3	3	0	0	1	1	0	0	15:45	0	0	5	5	0	0	0	0
H/TOT	11	11	0	0	1	1	0	0	H/TOT	1	1	14	14	8	8	0	0
16:00	7	7	1	1	0	0	0	0	16:00	0	0	6	6	1	1	0	0
16:15	2	2	0	0	0	0	0	0	16:15	0	0	8	8	1	1	0	0
16:30	2	2	0	0	0	0	0	0	16:30	0	0	8	8	5	5	0	0
16:45	3	3	0	0	0	0	0	0	16:45	0	0	6	6	2	2	0	0
H/TOT	14	14	1	1	0	0	0	0	H/TOT	0	0	28	28	9	9	0	0
17:00	5	5	0	0	0	0	0	0	17:00	0	0	21	21	6	6	0	0
17:15	0	0	0	0	0	0	0	0	17:15	0	0	30	30	7	7	0	0
17:30	0	0	0	0	0	0	0	0	17:30	0	0	22	22	6	6	0	0
17:45	1	1	0	0	0	0	0	0	17:45	0	0	25	25	5	5	0	0
H/TOT	6	6	0	0	0	0	0	0	H/TOT	0	0	98	98	24	24	0	0
P/TOT	31	31	1	1	1	1	0	0	P/TOT	1	1	140	140	41	41	0	0

JERSEY SURVEYS
 DAY 1 - 10TH NOVEMBER 2015
 SITE 17 - PIERSON ROAD / ESPLANADE / VICTORIA AVENUE / A1
 PEDESTRIAN TURNING COUNT



TIME	C - D Peds	TOT	C - A Peds	TOT	C - B Peds	TOT	C - C Peds	TOT	TIME	D - A Peds	TOT	D - B Peds	TOT	D - C Peds	TOT	D - D Peds	TOT
07:00	4	4	0	0	2	2	0	0	07:00	0	0	7	7	0	0	0	0
07:15	1	1	0	0	10	10	0	0	07:15	0	0	6	6	0	0	0	0
07:30	3	3	1	1	7	7	0	0	07:30	0	0	16	16	0	0	0	0
07:45	1	1	0	0	4	4	0	0	07:45	3	3	19	19	1	1	0	0
H/TOT	9	9	1	1	23	23	0	0	H/TOT	3	3	48	48	1	1	0	0
08:00	2	2	0	0	7	7	0	0	08:00	0	0	16	16	0	0	0	0
08:15	13	13	0	0	3	3	0	0	08:15	4	4	30	30	0	0	0	0
08:30	0	0	0	0	10	10	0	0	08:30	0	0	35	35	0	0	0	0
08:45	1	1	0	0	7	7	0	0	08:45	2	2	28	28	0	0	0	0
H/TOT	16	16	0	0	27	27	0	0	H/TOT	6	6	109	109	0	0	0	0
P/TOT	25	25	1	1	50	50	0	0	P/TOT	9	9	157	157	1	1	0	0
	19	19	1	1	21	21	0	0		7	7	81	81	1	1	0	0

TIME	C - D Peds	TOT	C - A Peds	TOT	C - B Peds	TOT	C - C Peds	TOT	TIME	D - A Peds	TOT	D - B Peds	TOT	D - C Peds	TOT	D - D Peds	TOT
11:00	0	0	0	0	0	0	0	0	11:00	0	0	0	0	0	0	0	0
11:15	1	1	0	0	0	0	0	0	11:15	0	0	4	4	0	0	0	0
11:30	2	2	0	0	0	0	0	0	11:30	2	2	3	3	0	0	0	0
11:45	0	0	0	0	0	0	0	0	11:45	1	1	1	1	0	0	0	0
H/TOT	3	3	0	0	0	0	0	0	H/TOT	3	3	8	8	0	0	0	0
P/TOT	3	3	0	0	0	0	0	0	P/TOT	3	3	8	8	0	0	0	0

TIME	C - D Peds	TOT	C - A Peds	TOT	C - B Peds	TOT	C - C Peds	TOT	TIME	D - A Peds	TOT	D - B Peds	TOT	D - C Peds	TOT	D - D Peds	TOT
15:00	0	0	0	0	3	3	0	0	15:00	1	1	3	3	0	0	0	0
15:15	0	0	0	0	1	1	0	0	15:15	0	0	4	4	0	0	0	0
15:30	0	0	0	0	0	0	0	0	15:30	1	1	2	2	0	0	0	0
15:45	2	2	1	1	0	0	0	0	15:45	0	0	3	3	1	1	0	0
H/TOT	2	2	1	1	4	4	0	0	H/TOT	2	2	12	12	1	1	0	0
16:00	0	0	3	3	1	1	0	0	16:00	2	2	0	0	0	0	0	0
16:15	0	0	0	0	1	1	0	0	16:15	3	3	0	0	0	0	0	0
16:30	2	2	1	1	1	1	0	0	16:30	0	0	4	4	0	0	0	0
16:45	0	0	1	1	1	1	0	0	16:45	2	2	4	4	0	0	0	0
H/TOT	2	2	5	5	4	4	0	0	H/TOT	7	7	8	8	0	0	0	0
17:00	1	1	1	1	3	3	0	0	17:00	1	1	3	3	0	0	0	0
17:15	0	0	0	0	0	0	0	0	17:15	3	3	3	3	0	0	0	0
17:30	1	1	3	3	0	0	0	0	17:30	2	2	3	3	0	0	0	0
17:45	1	1	0	0	0	0	0	0	17:45	1	1	2	2	0	0	0	0
H/TOT	3	3	4	4	3	3	0	0	H/TOT	7	7	11	11	0	0	0	0
P/TOT	7	7	10	10	11	11	0	0	P/TOT	16	16	31	31	1	1	0	0



KEY

- A PIERSON ROAD
- B ESPLANADE
- C VICTORIA AVENUE
- D A1

