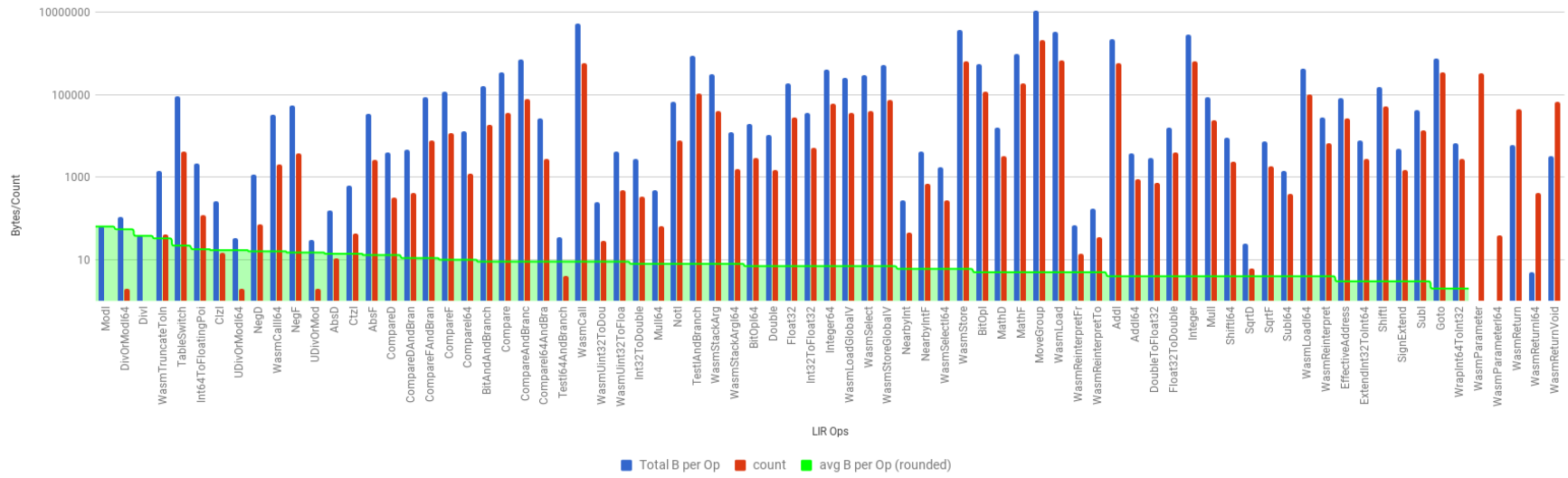


WASM OpStats (LIR) - Ion

Epic ZenGarden



Op	Total B per Op	minBytes	maxBytes	count	% B per Op over Grand Total	avg B per Op (rounded)
Modl	64	NA	NA	1	0.000125%	64
DivOrModl64	109	53	53	2	0.000213%	55
Divl	38	NA	NA	1	0.000074%	38
WasmTruncateToInt64	1404	15	75	42	0.002738%	33
TableSwitch	92661	18	27	4157	0.180727%	22
Int64ToFloatingPoint	2145	8	48	119	0.004184%	18
Clzl	256	17	18	15	0.000499%	17
UDivOrModl64	34	17	17	2	0.000066%	17
NegD	1136	16	16	71	0.002216%	16
WasmCalll64	33513	5	67	2040	0.065364%	16
NegF	55800	15	15	3719	0.108833%	15
UDivOrMod	30	15	15	2	0.000059%	15
AbsD	154	14	14	11	0.000300%	14
Ctzl	633	14	16	44	0.001235%	14
AbsF	35204	13	13	2708	0.068662%	13
CompareD	4080	10	23	318	0.007958%	13
CompareDAndBranch	4692	6	21	420	0.009151%	11
CompareFAndBranch	85489	5	20	7928	0.166738%	11
CompareF	118800	9	24	11851	0.231708%	10
Comparel64	13104	9	21	1250	0.025558%	10
BitAndAndBranch	163743	4	17	18584	0.319365%	9
Compare	350000	8	16	36871	0.682642%	9
CompareAndBranch	701199	4	18	79180	1.367622%	9
Comparel64AndBranch	26825	5	19	2836	0.052320%	9
Testl64AndBranch	36	9	9	4	0.000070%	9
WasmCall	5336909	5	69	578200	10.409136%	9
WasmUint32ToDouble	252	9	9	28	0.000492%	9
WasmUint32ToFloat32	4255	9	10	472	0.008299%	9

Int32ToDouble	2745	8	10	341	0.005354%	8
Mull64	495	3	14	64	0.000965%	8
NotI	66122	8	11	7934	0.128965%	8
TestIAndBranch	880334	4	14	109820	1.717008%	8
WasmStackArg	309682	4	9	39904	0.604005%	8
WasmStackArgI64	12245	4	14	1541	0.023883%	8
BitOpl64	19344	3	13	2946	0.037729%	7
Double	10693	4	9	1495	0.020856%	7
Float32	187071	3	9	27840	0.364864%	7
Int32ToFloat32	36440	7	9	5166	0.071073%	7
Integer64	404231	5	10	61549	0.788414%	7
WasmLoadGlobalVar	259618	6	9	37065	0.506360%	7
WasmSelect	293582	5	19	40265	0.572604%	7
WasmStoreGlobalVar	519945	6	7	74297	1.014103%	7
NearbyInt	270	6	6	45	0.000527%	6
NearbyIntF	4141	6	7	690	0.008077%	6
WasmSelectI64	1769	6	11	279	0.003450%	6
WasmStore	3776029	4	12	646278	7.364787%	6
BitOpl	550617	2	8	119392	1.073926%	5
MathD	15924	4	10	3245	0.031058%	5
MathF	968788	4	10	185539	1.889529%	5
MoveGroup	11192130	2	285	2099340	21.829190%	5
WasmLoad	3305810	3	10	683545	6.447669%	5
WasmReinterpretFromI64	70	5	5	14	0.000137%	5
WasmReinterpretToI64	175	5	5	35	0.000341%	5
AddI	2221600	2	8	570847	4.333020%	4
AddI64	3791	3	13	908	0.007394%	4
DoubleToFloat32	2892	4	5	720	0.005641%	4
Float32ToDouble	16043	4	5	4005	0.031290%	4
Integer	2821670	2	6	650929	5.503400%	4

Mull	89098	2	9	23494	0.173777%	4
ShiftI64	9141	0	4	2333	0.017829%	4
SqrtD	24	4	4	6	0.000047%	4
SqrtF	7474	4	5	1812	0.014577%	4
SubI64	1421	3	13	390	0.002772%	4
WasmLoadI64	440315	4	8	103088	0.858793%	4
WasmReinterpret	28648	4	5	6711	0.055875%	4
EffectiveAddress	82269	3	8	26219	0.160458%	3
ExtendInt32ToInt64	7906	2	8	2715	0.015420%	3
ShiftI	155993	0	4	53362	0.304250%	3
SignExtend	4876	3	4	1527	0.009510%	3
SubI	41604	2	8	13958	0.081145%	3
Goto	757095	0	5	355808	1.476642%	2
WrapInt64ToInt32	6677	2	7	2722	0.013023%	2
WasmParameter	0	0	0	337597	0.000000%	0
WasmParameterI64	0	0	0	38	0.000000%	0
WasmReturn	5875	0	5	45375	0.011459%	0
WasmReturnI64	5	0	5	410	0.000010%	0
WasmReturnVoid	3265	0	5	67808	0.006368%	0

Total Bytes 36558517 71.303926%

OutOfLineTableSwitchE	1228843	8	65593	4156	2.396742%	296
OutOfLineWasmTruncateCheckE	2057	40	65	42	0.004012%	49
ModOverflowCheckE	9	NA	NA	1	0.000018%	9

Total OOL Bytes 1230909 2.400771%

EmitTrapOOL	8756269	6	25776	111742	17.078274%	78
Prologues	3740240	24	46	111580	7.294984%	34

